MWC 2020
UK Company Directory

24-27 February 2020
Fira de Barcelona, Spain

INNOVATION IS GREAT
BRITAIN & NORTHERN IRELAND

UK company directory

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INNOVATION IS GREAT

BRITAIN & NORTHERN IRELAND

Aurrigo self-driving pod

Introduction

The UK is an innovation powerhouse with remarkable capabilities across the technology sector. In areas like Artificial Intelligence or 5G Communications, or applications like Connected and Autonomous Vehicles, HealthTech or FinTech, the UK is pushing the boundaries of technology.

Technology in the UK is going from strength to strength. The UK's strong talent pool, dynamic ecosystem with a reputation for quality and attractive business environment continue to draw international renown. The UK remains the premier destination in Europe for Venture Capital. In the first eight months of 2019 the UK attracted more deals than in the same period in 2018, raising $9.2bn into UK tech companies across 631 deals. On a cumulative basis since 2013, the UK has attracted $26bn in total Venture Capital. Germany ranks second with $13.6bn and France third with $11.3bn.

The government is partnering with industry to support this growth through the Industrial Strategy and the sector deals. For example, the UK's world-leading AI capabilities, already powering start-ups and international investors, are being boosted by almost

£1 billion of investment including £300m of private sector funding.

Technological advancements are also crucial in the development of the vehicles of the future.

The UK is well-placed to play an important role in this, with the government and industry having announced an automotive sector deal which secures long-term investment in areas such as autonomous vehicles and battery electric vehicles.

This directory provides a list of some of the UK companies that you can find at MWC 2020, which form part of this revolution.

Find out more at the GREAT Britain and Northern Ireland pavilion at stand 7B41 or visit www.great.gov.uk/international

INNOVATION IS GREAT
BRITAIN & NORTHERN IRELAND

TfL powered travel app

Millions of Londoners navigate the city using one of the 500+ travel apps which are powered by Transport for London's freely available open data. For revolutionary innovation, choose the UK.

About DIT

The Department for International Trade (DIT) helps businesses export, drives inward and outward investment, negotiates market access and trade deals, and champions free trade.

The range of expert services is tailored to the needs of individual businesses to maximise their international success. Companies are given advice and practical support, and staff can assist at all stages of the business planning cycle, from inception to completion.

DIT offers expertise and contacts through a network of international specialists throughout the UK, and in British Embassies and other diplomatic posts around the world.

We are an international economic department, responsible for:

- supporting and encouraging UK businesses to drive sustainable international growth;

- ensuring the UK remains a leading destination for international investment and maintains its number one position for international investment stock in Europe;

- opening markets, building a trade framework with new and existing partners which is free and fair;

- using trade and investment to underpin the government's agenda for a Global Britain and its ambitions for prosperity, stability and security worldwide.

For more information, please visit: www.great.gov.uk/international

Department for
International Trade

Expert
Talent
Innovative
> International
Smart
Connected
Pioneering

Belfast is Europe's top destination for new software development projects.*

Northern Ireland is showcasing the best of technological innovation at this year's Mobile World Congress

With one of the fastest growing tech clusters in the UK, Northern Ireland is the birthplace of pioneering web and mobile products. It also offers international investors global leading software talent in a product engineering culture at a competitive cost.

Northern Ireland enjoys a growing global reputation for technology development. It features clusters and expertise in mobile telecoms, network management, cyber security, financial software, sports tech, health IT, data analytics and artificial intelligence, IoT and payments technology. Not only is the region the top international investment location for US cyber security development projects, Belfast is the top global location for fintech development projects and also Europe's leading destination city for new software development projects, joint first with London.

The region is now home to an impressive cluster of international companies, world renowned university research and innovative start-ups delivering global tech solutions.

Among the 1,200 tech firms in the region, there are over 100 international investors including Rapid7, SAP, Citi, Fujitsu, TSYS (Cayan), Bazaarvoice, Allstate and Visa.

The region's global success can be attributed to a blend of world class talent, excellent infrastructure, leading computer science expertise, tech research excellence, a highly competitive cost base and a supportive business environment, including attractive R&D incentives.

A particular attraction for tech companies has been the availability of high calibre skillsets being nurtured at the region's two world class universities Queen's University Belfast and Ulster University, which has the largest ICT course provision in Ireland and one of the largest in the UK.

Queen's University's Centre for Wireless Innovation (CWI) is represented on the Northern Ireland stand. A global leader in physical layer wireless communications, CWI is the UK's largest research, development and exploitation base in physical layer wireless, and one of the strongest in Europe.

Find out more about what's happening in Northern Ireland and check out the exhibiting companies that are bringing their exciting products and services to the show. Visit Dawson Andrews, Centre for Wireless Innovation, Neueda, EOS IT Solutions, Kainos, Raylo Group, SLA Digital and Pi Communications at stand 7B41.

Northern Ireland.
More for technology.

Northern Ireland's people are highly educated, highly skilled and innovative, with a driven mind-set that means we always go the extra mile.

Our infrastructure is second to none, with fast telecommunications links to North America and continental Europe.

It's no wonder that our companies' innovative products are known around the world and over 100 international tech leaders have already located here.

Learn more about what Northern Ireland can offer your business.

Northern Ireland. Altogether more.
Visit InvestNI.com/mwc20

*fDi Markets, 2018

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Product categories

Mobile World Congress 2020

Digitalisation and technological advances across the globe are increasingly changing our lives beyond recognition; they have revolutionised the way we work and travel, the way we learn about things, and the way we connect to the world.

As a leading digital economy, the UK is famed for being at the forefront of industry and technology. And behind this success is a large and thriving ecosystem of innovators and businesses, small and large, that drive technological advancements and real-life applications.

In this digitally connected world, the UK has undergone a truly remarkable transformation with the rise of new technology and today it stands as one of the most connected and most secure economies globally.

Supporting these businesses in their growth journey is a core mission shared by techUK. As the industry body representing the UK's thriving tech sector, techUK represents the companies and technologies that are defining today the world we will live in tomorrow. With over 850 members, of all shapes and sizes – from leading FTSE 100 companies to new innovative start-ups – it is our job to be the voice of tech.

As the sector has grown and developed, we have changed to reflect the breadth and potential of tech in the UK, reflecting the faster pace of change that continues to disrupt and drive the sector and supporting a more diverse base of innovative and fast-growing tech companies operating across the economy and across the UK. From 5G to future mobility, from cloud computing to data analytics, and from artificial intelligence to smart city technologies and the Internet of Things (IoT), we work with businesses and government to make the UK a hotbed for innovation and the best place to start and scale-up technology companies.

While London is a global hub for technology, at the heart of tech in the UK is an ecosystem of thousands of companies producing digital technologies, products and services. From east to west, north to south, from enterprise class organisations to established medium-sized businesses, growing small businesses and an exciting generation of tech start-ups: the UK is a hotbed of tech talent and techUK exists to represent the sector in its entirety. Now more than ever UK-based innovators are excited to be engaging with potential partners on the world stage to grow and scale their businesses.

I encourage you to visit the UK companies as part of your visit to MWC 2020 and invite you to visit www.techuk.org to find out about our work and how we can help connect you to a vibrant UK tech landscape.

Simon Spier
Head of International Trade, techUK

tech^{UK}

techUK represents the companies and technologies that are defining today the world that we will live in tomorrow.

Around 850 companies are members of techUK. Collectively they employ approximately 700,000 people, about half of all tech sector jobs in the UK.

These companies range from leading FTSE 100 companies to new innovative start-ups. The majority of our members are small and medium-sized businesses.

techUK.org | @techUK | #techUK

3finery

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Company bio:
3finery provides the coolest line of magical objects on the market. They are so great that, in addition to being fun, they can talk, interact and send or receive messages to friends and family as if they were magically coming alive. Our company introduces a novel method of communication that brings toys to life in Mixed Reality. Using the camera video of the device, we provide a technical solution to use real-world objects as a communication channel and an entertainment tool. Numerous industrial and commercial applications can be leveraged using our technology.

Specialisms:
3finery offers a novel Mixed Reality technology that is capable of enhancing real world objects through a mobile device as if they were magically coming to life.

51Degrees

Stand: 7A11.12

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Company bio:
51Degrees delivers real-time digital data services in a way that's convenient, affordable and collaborative. Over 1.5 million websites rely on 51Degrees to enhance their users' digital experience and gain valuable insights about their business. Trusted for our speed and accuracy by big brands including eBay, Sitecore, Adform, Tencent and Disney, our ingenious proprietary technology makes it easy to spot issues and resolve problems, so that the digital world can be more rewarding for everyone. For any digital businesses that are curious to see how user experiences could be better, 51Degrees helps convert missed opportunities into happy customers.

Specialisms:
51Degrees is a trusted provider of fast and accurate real-time digital data services for web, native app and telecoms businesses.

Operating Countries:
51Degrees is headquartered in the UK and we operate globally with over 1.5 million deployments worldwide.

5G World Series of Events

Stand: 7B41

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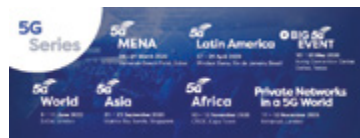
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Company bio:
The 5G Series is a collection of leading events, designed to help mobile operators/carriers from around the world discover new ways to serve their customers with more effective and profitable services. 5G Series includes: 5G World | 5G Latin America | 5G MENA | 5G Asia | Voice and Advanced Communications Summit | BIG 5G Event | 5G Africa (Formerly LTE Africa) | 5G China | Private Networks in a 5G World

Specialisms:
Enabling 5G Developments Across Six Continents - the only 5G event series to bring together the 5G ecosystem in each continent.

Operating Countries:
MENA, LATAM, EMEA, North America, APAC

AccelerComm

Stand: 7A11.5, 7O100MR

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Company bio:
AccelerComm, an exciting IP company that provides Forward Error Correction (FEC) channel coding solutions to accelerate the next generations of wireless communications. Our technology solves the challenges that would otherwise limit the speed of next generation wireless communication, namely the error correction decoding that is required to overcome the effects of noise, interference and poor signal strength. AccelerComm has patented encode and decode IP for 5G NR Polar chain, 5G NR LDPC chain and LTE A Pro Turbo channel coding, offering ultra low latency and delivering the 16x latency improvement to support numerology 4 in advanced 5G NR uRLLC applications.

Specialisms:
AccelerComm specialises in optimised channel coding (also known as forward error correction) solutions for 5G NR providing up to 16x improvement in latency and throughput. We achieve this by supplying best in class FPGA, ASIC and software only solutions.

Operating Countries:
Through years of university research AccelerComms unique technology achieves unprecedented performance whilst laying down the technology foundation for future wireless applications and services. Our technology is operational in several markets including; Mobile Handset, MobileBase station, Satellite and defense.

Amphenol Procom UK

Stand: 7B51

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Company bio:
Amphenol Antenna Solutions (AAS) is a division of Amphenol-Corporation, a $8 billion NYSE company supplying to diverse high-tech markets. AAS has the singular focus of designing and manufacturing high-performance base-station antennas, its pedigree and expertise derive from the integration of world-renowned companies: Jaybeam, Antel, CSA-Wireless and MAT-Equipement. AAS specializes in BTS, Small-Cell antennas and offers a complete line of site solutions. Moreover, AAS has developed and field tested a flexible and adaptable range of active antennas according to customer needs. These antennas open the doors to a new era of strategic partnerships to the challenges of combined 4G and 5G.

Specialisms:
AAS provide a comprehensive suite of solutions, with product available from the base station to the top of the tower. A pioneer in many areas, we innovate at our customers side with wide proximity and large flexibility to build the solution of tomorrow.

Operating Countries:
Amphenol Antenna Solutions operate all around the globe from 8 manufacturing locations. With over 50 product lines in place, the company ensures product for virtually all global applications and networks.

Angoka

Stand: 7B41

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Company bio:
Angoka Limited is a cyber security startup, headquartered in Belfast, with an office in London, and planned offices in Munich and Tokyo. Angoka provides embedded hardware solutions for managing the cyber security risks inherent in machine-to-machine (M2M) communication networks, such as those used for Connected and Autonomous Vehicles, Industry 4.0, Smart Cities and Homes, and Critical Infrastructure, including National Grids and Bank Networks. With a relentless approach to achieving technical excellence, Angoka is passionately committed to keeping the Internet of Everything secure.

Specialisms:
Angoka offers a decentralised authentication and secure communication protocol, applicable to vehicles and portable to IoT communications, Smart Cities and Industry 4.0. The protocol allows devices to receive and process information securely and efficiently over various communication channels.

Operating Countries:
United Kingdom

AttoCore

Stand: 7A11.11

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Company bio:
AttoCore develops AttoEPC, compact, flexible, 3GPP standards compliant virtual core software for 4G and 5G networks. Embedded in an eNodeB, AttoEPC operates alongside value added applications such as Push To Talk and AttoCore's patented Meshing capability and Location Based Services for deployment in military and public safety networks. Deployed at the network edge, with support for data offload (SIPTO, LIPA) or in the Cloud, AttoEPC is ideally suited to rural FWA and enterprise private LTE deployment including CBRS OnGo. AttoEPC's IOT support makes it suitable for many vertical segments including utilities, mining, oil and gas, healthcare, transport, manufacturing and hospitality.

Specialisms:
AttoCore 4G and 5G core software is 3GPP standards compliant, scalable, flexible and cost effective. It can be deployed in enterprise, industrial, government and rural scenarios which are not addressable by the core network products of legacy mobile telecommunications vendors.

Operating Countries:
AttoCore has existing operations in the UK, Europe and the USA and is seeking to expand both in these markets and, with new product vendors and systems integrator partners, to address enterprise, industrial, government and rural opportunities around the world.

AudioTelligence

Stand: 7A11.17, 7O71MR

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Company bio:
AudioTelligence technology makes speech intelligible in a noisy world. Our revolutionary audio source separation enables clear voice communication at distance for voice controlled consumer devices, even in real life noisy environments. Our software IP has been developed over 30 years by industry experts - it uses minimal resources, and delivers high quality results with very low latency and no artefacts. This means it also gives excellent results for real-time applications such as video conferencing and VoIP calls.   AudioTelligence software is available to license on industry standard ARM and Intel platforms, offering a solution that is both low-cost and high-quality.

Specialisms:
Audio source separation. AudioTelligence uses a data-driven approach called blind audio signal separation, which does not require matched microphones or trained algorithms. It offers high performance with very low latency.

Aurrigo Driverless Technology

Stand: 2H60

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Company bio:
Aurrigo is changing the way people and goods travel on the first / last mile of their journey. Delivering a safe, efficient and comfortable experience whilst improving mobility for everyone and everything.

Aurrigo is the UK's leading self-driving full service supplier. Aurrigo design, manufacture and deploy a range of self-driving vehicles. Available as 4 seater pods, 13 seater shuttles and airport autonomous dollies.

The Aurrigo suite of services include consultancy, deployment set up, management, safety training and ongoing maintenance.

Aurrigo Connect is our deployment management software which includes fleet management, dispatch and a customer facing app.

Specialisms:
Aurrigo is the only UK company who design, manufacture and deploy autonomous vehicles under one roof. We specialise in the passenger and cargo sector and also offer a consultancy service for the integration of AV's into smart cities and airports.

Operating Countries:
Aurrigo is a global company with its HQ based in the UK and offices in Australia, Canada and the USA. Vehicles have been sold and are operating in Australia, Canada, China, Finland, Singapore, UK, USA and Vietnam

Avanti Communications

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Company bio:
Avanti is a trusted satellite capacity partner, giving our customers unrivalled coverage in 118 countries across EMEA via our HYLAS satellite fleet and sophisticated ground infrastructure.

Avanti provides reliable and quality high throughput ka-band satellite data communications for carriers, satellite integrators, governments and other industry partners.

It has rights to orbital slots and KA-band spectrum in perpetuity that covers an end market of over 1.7bn people. The Group has invested $1.2bn in a network that incorporates satellites, ground stations, datacentres and a fibre ring. Avanti has a unique Cloud-based customer interface that is protected by patented technology.

Specialisms:
We work with Carriers to deliver cellular backhaul solutions in remote and hard-to-reach places through our satellite technology.

Operating Countries:
We operate in Europe, Middle East and Africa.

Bango

Stand: 1G62

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Company bio:
Bango is a mobile commerce platform. The Bango Platform is designed to ensure that payment can be collected for any content or service, sold from any internet enabled device, using any alternative payment method. Bango Resale technology enables major merchants to resell and bundle their services via resellers at scale. Bango payment technology powers the global leaders including Google, Amazon, Microsoft and Samsung.

Specialisms:
By bringing businesses together and powering e-commerce with unique data-driven insights, Bango delivers new business opportunities and new dimensions of growth for customers around the world.

Operating Countries:
Bango operates globally, across six continents: Europe, Middle East, Latin America, Asia Pacific, Africa and North America

Blackbelt Smartphone Defence

Stand: 7A11.3

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🌐 www.blackbeltdefence.com
🐦 @BlackBeltMobile

Company bio:
Blackbelt can boast as being the first company in the mobile erasure space to provide secure erase software, with a fully auditable process. Blackbelt prides itself on continuous product research and development, which has allowed Blackbelt to become a market leader in the mobile device solutions. Blackbelt's Secure Data Erase and Diagnostics solutions have been accredited and tested by both independent and internationally recognised governing bodies, for mobile devices; giving our existing and new clients confidence in Blackbelt software solutions.

Specialisms:
Blackbelt are specialists in supplying reputable and quality software that meet or exceed industry standards, such as Secure Data Erase, Device Diagnostics, Trade-In as well as bespoke Apps & Solutions.

Operating Countries:
Blackbelt was established in 2004, and have offices throughout Europe, America, and the Far East, uniquely positioned to provide first class service and excellent support in multiple languages to our ever-increasing list of global clients.

Bubbl

Stand: 7A11.1

Contact:
40 Blackfriars Road
London
SE1 8PB United Kingdom

📞 +44 (0)7970 073 525
✉ jo.eckersley@bubbl.tech
🌐 www.bubbl.tech
🐦 @Bubbl

Company bio:
Bubbl is an innovative, thought leading martech company. Bubbl offers a zero development location based mobile content marketing solution for app owners, that enables the delivery of rich media content to app users, based on their location and preferences using cutting edge geofencing tech and an intuitive dashboard. It is a "plug-in & play" solution for clients who need a simple and effective tool to refine their mobile marketing campaigns to ensure effective engagement and audience retention.

Specialisms:
Bubbl is 100% permission based, GDPR compliant and values transparency and trust. Users will only receive content they've allowed and only when they have entered/left a geofence, all set up as scheduled or real time campaigns using the Bubbl dashboard.

Operating Countries:
Our diverse team of developers and marketing experts are based in London, next to the Southbank, an area that reflects the creative, buzzing character of the team. Bubbl is gaining attention worldwide and can service clients anywhere in the world.

Busuu

Stand: 7N91

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6th floor, 50 Finsbury Square, London
London
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✉ valentino@busuu.com
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🐦 @Busuu

Company bio:
Busuu is an app that makes learning a language easier for everyone. Whether it's by mastering the basics or achieving fluency, over 100 million people learn with Busuu to open up a world of opportunities, both personally and professionally. Combining intelligent learning with access to a global community of native speakers, Busuu's learning experience is so effective, it rivals immersion in another country. With 12 languages courses across web and mobile, we are committed to helping learners overcome their language barriers. Busuu also helps organisations such as Puma, Uber, OECD and DHL upskill their workforce in a scalable, cost-efficient way.

Specialisms:
Busuu is the only app that combines intelligent learning, courses designed by experts, and a global community, helping more than 100 million people overcome their language barriers.

Operating Countries:
Over 190 countries worldwide.

Buyapowa

Stand: 7A11.18

Contact:
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📞 +44 (0)203 086 9065
✉️ hello@buyapowa.com
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🐦 @buyapowa

Company bio:
Buyapowa is the leading global Refer-a-Friend ('Member-get-Member') platform for telecoms and powers referral marketing for Vodafone, BT, EE, Sprint, Voxi, Smarty, Rogers, Telus, Wind Hellas as well as HSBC's First Direct, Allianz, Travelex, Expedia, Carrefour, Cdiscount etc. First, our platform enables insurers to identify brand advocates among their customers. It then empowers and incentivises these advocates to refer the brand to their friends and incentivises them to share again and again. Our clients typically drive substantial incremental acquisition of new customers, with higher lifetime value, and at CPAs up to 80% lower than other channels.

Specialisms:
As the only scalable refer-a-friend and advocacy platform designed for regulated industries like telecoms, we deliver compliant, secure and flexible solutions that are deployed by leading Operators (fixed and mobile) and MVNOs across the globe

Operating Countries:
We have offices in London, Vancouver and Berlin and clients across all of Europe, Middle East, Africa, Asia, North and South America

CableFree: Wireless Excellence

Stand: 7D74

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Oxford
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🐦 @cablefreeltd

Company bio:
CableFree: Wireless Excellence designs and manufactures a complete range of Wireless Communication products including 4G & 5G Infrastructure solutions. The CableFree range includes advanced Software-Defined 4G & 5G LTE Macro & Small Cell Base Stations for ultra high performance & flexibility. CableFree also offer Microwave, Millimeter Wave, Free Space Optics and MIMO Radio backhaul plus WiFi solutions. Based in Oxford, UK, CableFree is deployed in over 80 countries since 1996 with customers including Mobile Operators, Internet Service Providers, Government Networks, Industrial and Corporate connectivity applications. CableFree can deliver 99.999% availability with proven track record for high reliability in harsh environments.

Specialisms:
Wireless Networking Equipment: 4G & 5G LTE Infrastructure, Microwave, Millimeter Wave Backhaul Transmission, P2MP Radios, FSO, WiFi & More. High Performance, Dependable, Private LTE, Deployed in over 80 countries.

Operating Countries:
Over 80 countries since 1996. Europe, Africa, Middle East, Asia, Australasia, Americas. Telecommunications, Private LTE, Smart City, Operators, Wireless ISP, Government

Cambium Networks

Stand: 7089MR, 7075MR, 7077MR

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✉ lisa.frezza@cambiumnetworks.com

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🐦 @CambiumNetworks

Company bio:
Cambium Networks is a leading global provider of wireless connectivity solutions that strengthen connections between people, places and things. Specializing in providing an end-to-end wireless fabric of reliable, scalable, secure, cloud-managed platforms that perform under demanding conditions, Cambium Networks empowers service providers and enterprise, industrial and government network operators to build intelligent edge connectivity. Headquartered outside Chicago and with R&D centers in the U.S., U.K. and India, Cambium Networks sells through a range of trusted global distributors.

Specialisms:
PTP, PMP, Wi-Fi and narrowband wireless infrastructure can be leveraged for enterprise edge, IIoT and residential access applications, managed from a "bird's eye view."   All Cambium Networks solutions are backed by our global organization that provides 24/7 support services.

Operating Countries:
Cambium solutions are deployed in 150+ countries worldwide across Europe, the Middle East, Africa, Asia-Pacific, North America and the Caribbean and Latin America.

Cambridge Broadband Networks

Stand: 7B41

Contact:
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Cambridge
CB4 0WZ United Kingdom

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✉ hsimpson@cbnl.com

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🐦 @cbnl

Company bio:
CBNL is the global leader in millimeter wave (mmWave) fixed wireless access (FWA) and backhaul solutions. We help network operators to deliver fibre-like connectivity to customers at a fraction of the cost of building or leasing a fibre network. Working with 9 of the world's top 15 largest operators, CBNL has been developing millimeter wave FWA systems for nearly 20 years. We have deployed over 200,000 units in 52 countries helping network operators to build enterprise, residential and smart city networks that delight their end users and generate profit for their owners.

Specialisms:
CBNL is the partner of choice for deploying the world's next generation of high-performance enterprise, residential and smart city fixed wireless networks which are profitable and easy to maintain and deploy.

Operating Countries:
We have live VectaStar fixed wireless access (FWA) and backhaul networks with over 100 customers in 52 countries. We operate globally across Europe, North America, Asia Pacific, South America and Africa.

Cambridge Consultants

Stand: 7C72

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🐦 @CambConsultants

Company bio:
With six decades of experience, Cambridge Consultants has unrivalled expertise in original innovation that leads to vital progress. Helping clients identify, create and launch breakthrough products and services that disrupt markets, it is the partner of choice for global multinationals, aspiring enterprises and ambitious start-ups. With offices in Cambridge (UK), Boston, San Francisco, Seattle, Singapore and Tokyo, Cambridge Consultants has one of the world's largest independent wireless development teams. Its major innovations include the world's first single-chip Bluetooth radio, radios that manage over half the globe's airspace and the most densely packed cellular network in the world, revolutionising warehouse automation.

Specialisms:
Cambridge Consultants' diverse market experience and deep technical expertise provides the intelligence to help their clients navigate the emerging technology landscape and create the breakthrough technologies that solve their most critical, high-risk challenges.

Cardinality

Stand: 7090MR

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🌐 www.cardinality.co.uk

Company bio:
CARDINALITY is an award-winning data analytics company which has revolutionised the service provider approach towards processing Big Data in a 5G world. Our ETL and Analytics Engine will release the value of your data. Combine this with our off the shelf applications Customer Experience, Operational Intelligence, Virtual Drive Testing, Network Optimisation, Performance Analytics and Marketing to create a class leading data driven solution.

Specialisms:
CARDINALITY specialises in providing complete solutions for today's DIGITAL operators. We specialise in 5G, IOT, BIG Data, Machine Learning and AI, Closed Loop Automations, and a wealth of pre-built use cases.

Operating Countries:
Cardinality operates across all continents of the globe, directly with customers and with support from tier 1 partners

CCS

Stand: 1C5MR

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Cambridge
CB24 9ZR United Kingdom

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✉ sales@ccsl.com

🌐 www.ccsl.com

🐦 @ccs_multipoint

Company bio:
CCS is the creator of Metnet – the world's first self-organising mmWave mesh for Gigabit backhaul and access applications. From dense urban cities to rural communities, Metnet can be deployed for 4G LTE and 5G small cell backhaul, Enterprise and Residential Fixed Wireless Access (FWA), Smart City, Wi-Fi and CCTV backhaul. Metnet is powering networks to mmWave 5G performance – intuitively, scalably, flexibly and cost-effectively. Delivering high capacity, ultra-low latency and ultra-fast deployment, Metnet is optimised for performance edge and multigigabit capacity. Following the success of Metnet 1200, CCS's Metnet 60G is now addressing the significant opportunity offered by unlicensed 60GHz spectrum.

Specialisms:
Metnet self-organising mmWave backhaul and access for applications including 4G LTE and 5G small cell backhaul, Enterprise and Residential Fixed Wireless Access (FWA), Smart City, Wi-Fi and CCTV backhaul.

Operating Countries:
We operate out of our Cambridge UK and San Francisco, US offices. We sell worldwide, directly and through our partner ADTRAN.

CENSIS

Stand: 7B31

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✉ stephen.milne@censis.org.uk

🌐 www.censis.org.uk

🐦 @CENSIS121

Company bio:
CENSIS is the centre of excellence for sensor and imaging systems and Internet of Things (IoT) technologies.   We help organisations explore innovation and overcome technology barriers to achieve business transformation. As one of Scotland's Innovation Centres, our focus is not only creating sustainable economic value in the Scottish economy, but also generating social benefit. Our industry-experienced engineering and project management teams work with companies or in collaborative teams with university research experts. We act as independent trusted advisers, allowing organisations to implement quality, efficiency and performance improvements and fast -track the development of new products and services for global markets.

Specialisms:
We offer independent, technology-agnostic, trusted advice and technical support. Test your product or service ideas using our engineers and on-site facilities including help with prototyping.

Operating Countries:
Scotland, UK and Europe. We have MoUs with a number of international organisations involved in sensor and IoT ecosystems.

Cerillion

Stand: 7B61

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✉   info@cerillion.com
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🐦   @cerillion

Company bio:
Founded in 1999, Cerillion (AIM: CER) is a leading provider of billing, charging and customer management systems delivering its solutions across a broad range of industries including the telecommunications, finance and utilities sectors. The Company has a global customer base, with c. 90 customer installations across c. 40 countries and customers include Liberty Global, KDDI and Three.

Specialisms:
Cerillion provides a functionally rich, pre-integrated BSS/OSS suite with a very low total cost of ownership and modular delivery options. Put simply it provides better value for money, faster delivery, lower risk and far greater end-user satisfaction.

Operating Countries:
Cerillion has a global customer base spanning the full range of telecoms technologies including mobile, fixed line, cable and TETRA services, for both network operators and resellers / xVNOS, and covering retail and wholesale business models.

Changeway Group

Stand: 7B31

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90 Mitchell Street
Gordon Chambers
Glasgow
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✉   jon@changeway.co
🌐   www.changeway.co

Company bio:
Changeway(R) - Changing the way organisations innovate, change and improve. Reinvented on a single digital platform, Changeway links your business strategy, goal deployment, improvement workshops and actual performance. It's applicable to any business where teams collaborate.

Benefits:
- Implement your strategy, deploy goals to focus improvement effort, measure outcomes. Get improved results.
- Digital workshops capture change data for future reference across the enterprise to share and promote more easily.
- Analytics enable better decisions and simplify learning. Because you learn faster you improve faster.
- Remote users with real-time synchronisation collaborate more and travel less.

Changeway - Improve faster. Learn faster. Grow faster.

Specialisms:
We are unique because we offer digital collaboration, brainstorming and meeting facilitation in an application built to enable business change. We differ because our integrated solution solves the problems of delivering high value change, not just a better meeting experience.

Operating Countries:
We are based in Glasgow, Scotland and in Vevey, Switzerland. We operate in North America, DACH, UKI and the Nordics.

ChargedUp

Stand: 7B41

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E1 6PJ United Kingdom
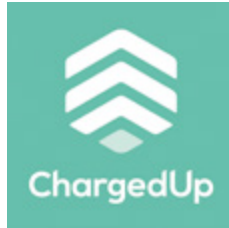
📞   +44 (0)7799 166 182
✉️   c.stewart@chargedup.green
🌐   www.chargedup.green
🐦   @chargedupworld

Company bio:
ChargedUp gives you power on demand through its network of portable power banks. Charge your device on-the-go and rent a power-bank from any one of our 2,000+ venues across Europe. Providing consumers with a convenient solution whilst also driving venue footfall which in-turn, leads to increased dwell time and more spend. We are currently the exclusive charging partner of some of the UK's best loved venues, including Greene King, Stonegate, Westfield London and many more.

Specialisms:
On-the-go phone charging through our power-bank rental network, which enables consumers to access power where ever they are, whenever they need it, in the most consumer friendly way possible.

Operating Countries:
UK, Germany, Netherlands.

Citi Logik

Stand: 7B41

Contact:
The Platform
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✉️   graham.bradley@citilogik.com
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🐦   @CitiLogik

Company bio:
Citi Logik was established in 2012 to analyse movement by vehicle, on foot and by public transport utilising network analysis, deep data mining and artificial intelligence techniques primarily using Mobile Network Data (MND) from Mobile Network Operators (MNO's). Delivered historically or in real-time, this capability is genuinely disruptive, capturing anonymised and aggregated information from millions of mobile phone movements daily, facilitating detailed analysis across transport modes, across every minute of every day, for every major road, rail route and pedestrian walkway.

Specialisms:
Our comprehensive algorithms, data process and AI engine. wrapped up in Citi Platform, the Analytics as-a Service for Mobile Network Operators.

Operating Countries:
We are currently live in the UK. We will be rolling out to other countries as 2020 progresses.

Cobham Wireless

Stand: 7B71

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The Cobham Centre, Fourth Avenue
Marlow
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🐦 @cobhamwireless

Company bio:
At Cobham, we have a clear purpose that unites all parts of the Company; it's what drives us to a higher level of performance, and we believe in pushing our potential to the maximum. We have a unique role in the world; we're a company that has both been places, and is going places in the future. Those places can be dangerous, thrilling, life enhancing and a million things in-between. Regardless of the size or complexity of the job ahead, we put the same high-level of scrutiny, tenacity and energy into everything we do – for us, Every Mission Matters.

Specialisms:
We operate in the provision of advanced wireless coverage, producing innovative, cost-effective and robust solutions that address market requirements for improved connectivity, greater capacity and better user experience. Empowering Smart Cities and wireless connectivity across the globe.

Operating Countries:
We provide advanced wireless coverage and mobile communications systems inside some of the world's most challenging environments. Operating in over 150 countries globally through 3 regions; EMEA, ME & APAC and the Americas.

Coderus

Stand: 7B41

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Ross Building
Adastral Park
Martlesham Health
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📞 +44 (0)1473 316 868

✉️ mark.thomas@coderus.com

🌐 www.coderus.com

🐦 @coderus

Company bio:
Coderus delivers strategic solutions across multiple industries. The team has experience in providing the most challenging of apps across mobile platforms with tight integration with embedded devices. Working with clients like Bowers & Wilkins, America Cup GB team, ELGA-Veolia and many more Coderus have an experienced team to support a wide variety of products. With a commitment to developing to the highest standard, the company has achieved several globally recognized industry accreditations, including ISO 9001 & 27001 certification standards. Coderus is an award-winning company where its strong culture and its ongoing involvement with the community have been widely recognized.

Specialisms:
Coderus help companies build their strategic mobile and product customer solutions with 1st class customer service with Certified Design Partner relationships.

Operating Countries:
United Kingdom, USA

CommAgility

Stand: 7B14

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✉ sales@commagility.com
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Company bio:
CommAgility is an award-winning developer of embedded signal processing and RF modules, physical layer and protocol stack software, for 4G and 5G mobile network infrastructure, devices and related applications. We design compact, powerful, and reliable hardware and combine it with our industry-leading LTE/5G software. Our vast LTE experience includes customizations for private/specialized networks, with applications including avionics, satcomms, military and high-performance test equipment. Wireless Telecom Group, comprised of Boonton Electronics, CommAgility, Microlab and Noisecom, is a global designer and manufacturer of advanced RF and microwave components, modules, systems and instruments.

Specialisms:
CommAgility are experts in 4G and 5G customized Radio Access Networks, with unrivalled experience in developing processing/RF hardware and advanced PHY and Protocol Stack software.

Operating Countries:
We operate globally, with customers around the world. We have sales representation in the USA, Europe and Asia, and can provide expert support wherever needed.

Communications Consultants Worldwide

Stand: 7A5

Contact:
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✉ sales@ccww.co.uk
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Company bio:
With 30 years of 3GPP® embedded protocol-stack development, licensing, integration and support, supplying leading global mobile comms organisations; from requirements to solution delivery, including conformance-testing and in-service support. CCWW has manufactured 3.5bn devices to date and is currently testing our Release-14 NB-IoT UE protocol-stack on licensee platforms. Layer 1, AS, and NAS are light on resource requirements and ready for integration/customisation with chosen baseband/ radio, pre-integrated with partner baseband, or fully-tested on partner SoC design. Currently working towards 3GPP® Release-17 for Satellite IoT (LEO and GEO operation), for both UE and BTS domains.

Specialisms:
One of a small number world-wide of independent specialist 3GPP® embedded cellular protocol stack software providers. Licensing embedded software IP and providing services for bespoke firmware design, system integration and GCF conformance testing.

Operating Countries:
UK, EU, China, USA, South Africa, Middle East

Connected Places Catapult

Stand: 7B41

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1 Sekforde Street
Farringdon
London
EC1R 0BE United Kingdom
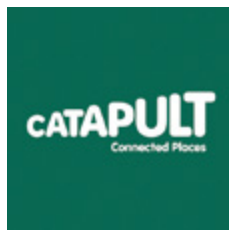
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🐦 @Catapult_UK

Company bio:
We focus on growing businesses with innovations in mobility services and the built environment that enable new levels of physical, digital and social connectedness. The Connected Places Catapult operates at the intersection between public and private sectors and between local government and transport authorities. We convene the disparate parts of the market to help innovators navigate the complexity of doing business, creating new commercial opportunities and improving productivity, socio-economic and environmental benefits for places.

Specialisms:
Smart cities, mobility and connectivity We deliver turn key solutions in a plates as well as consultation services.

Operating Countries:
We are a world leading smart cities innovation centre. We operate in the UK, France, IAE, Qatar, Kuwait, Singapore, Philippines, Japan, China, Chile, Brazil, Mexico

Copper Horse

Stand: 7A11.20

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Company bio:
Copper Horse is a security consultancy based in the UK, with offices in Windsor and Bristol. Employing some of the world's leading experts in Internet of Things security, future automotive security and mobile device and network security, we solve some of the most complex fraud and security challenges that exist.

Specialisms:
• IoT security consultancy
• Mobile and IoT security training
• Secure mobile network design
• Vulnerability disclosure and incident handling
• Direct Carrier Billing (DCB) anti-fraud
• Penetration testing
• Supply chain security
• Horizon scanning and standards expertise
• Technical due diligence and post-acquisition consultancy

Operating Countries:
We are based in the UK but operate across the globe.

Extraordinary innovation

With the largest technology market in Europe, the UK has a culture of innovation and entrepreneurial ambition, which propels forward technological development.

From Sir Tim Berners-Lee, inventor of the World Wide Web, to the semiconductor technology found in 95% of the world's mobile handsets, Britain has a history of innovation.

The UK technology sector is experiencing six years of continuous growth and shows no signs of stopping, with new tech jobs being created 2x faster than the rest of the economy. From cutting-edge artificial intelligence, immersive technologies, virtual reality and the development of 5G technologies, our innovative companies are destined to touch every aspect of life and create new industries unimaginable today.

A talent pool of

1.64 million 👤👤👤👤👤👤👤

in the digital industry alone

Source: Tech Nation report 2017

Creativity Software

Stand: 7C12

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✉️ trevor.burns@creativitysoftware.net
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Company bio:
Creativity Software has been a pioneer and leader in mobile location technology and services for 15 years. We focus on delivering your entire spectrum of location intelligence requirements. Solutions to enable Digital Transformation, save lives, protect the public and prevent crime. CS is a multi-award winning business specialising in Location Based Services software and services worldwide. UK engineering excellence producing the most reliable, accurate location data available through mobile networks. We provide you access to every signalling event: Billions of transactions in each network daily. Supporting IOT, mobile advertising, smart cities and providing quality of service insights.

Specialisms:
We provide access to every signalling event: Billions of transactions in each network daily with highly accurate location data appended to each. This unique level of location intelligence enables effective IOT management, mobile advertising, smart cities and QOS.

Operating Countries:
Systems installed across 5 continents, covering more than half a billion subscribers, providing high-accuracy location based services (LBS) to Mobile Network Operators (MNO), Emergency Services, Law Enforcement and Financial Services.

Dawson Andrews

Stand: 7B41

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🐦 @dawsonandrews

Company bio:
Dawson Andrews is a digital product firm, providing the design and development of digital experiences and software. We have a sector focus of Retail, Events/Conferences, Financial Services & Sport. DAX is our product division, where we create IP, launch our own product ventures and conduct acquisitions of niche software products.

Specialisms:
We design and build digital software experiences at scale. Our USP is our ability to work with global companies with high transaction volume and scaling digital revenue streams.

Operating Countries:
We have a sector focus of Retail, Events/Conferences, Financial Services & Sport. Our customers and projects are located in New Jersey, Atlanta, Barcelona, London, Dublin, Nairobi, Toronto and Shanghai with our HQ in Belfast, Northern Ireland.

DCMS

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🌐 www.gov.uk/government/organisations/department-for-digital-culture-
media-sport

🐦 @DCMS

**Department for
Digital, Culture
Media & Sport**

Company bio:
The Department for Digital, Culture, Media and Sport is a department of the
United Kingdom government, with responsibility for culture and sport in
England, the building of a Digital Economy, and some aspects of the media
throughout the whole UK, such as broadcasting and internet.

Our priorities include:
Growing the economy
Connecting the UK
Encouraging participation
Sustaining excellence and promoting Britain
Supporting our media
Ensuring social responsibility

Specialisms:
DCMS helps to drive growth, enrich lives and promote Britain abroad. We
protect and promote our cultural and artistic heritage and help businesses and
communities to grow by investing in innovation and highlighting Britain as a
fantastic place to visit.

Operating Countries:
UK

Digis Squared

Stand: 7B16

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✉ yasser.elsabrouty@digissquared.com

🌐 www.digis2.com

DIGIS²

Company bio:
Digis Squared was founded in July 2016 to simplify the delivery of Advanced
technical solutions for Mobile Operators. With a leadership team averaging
more than 20 years experience in leading Mobile Operators Digis Squared
understands the Technical and Operating challenges their customers face and
deliver a comprehensive portfolio of solutions enabling Revenue Generation
and Operating efficiency. The team concentrates on achieving the best possible
Integration experience for its customers, solving complex technical problems
with a broad portfolio of products and services.

Specialisms:
Digis Squared provides Advanced Technical Solutions across Radio Networks,
Product Platforms, Software Development and Consulting Services.

Operating Countries:
Head quartered in London, Digis Squared operates wherever its customers are
located. Currently expanding rapidly across Europe, Middle East and Africa.

Emeldi Group

Stand: 7A11.8

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Company bio:
Emeldi Group is a privately held, leading software & service provider to the telecommunications industry. Established in 1998, a disruptive product offering has been successfully deployed: Emeldi Commerce® – an enterprise grade solution suite, including unified Omni-Channel commerce and CRM application specifically designed for the communications vertical, supporting products, services, customer-engagement processes and AI driven life cycle management/ next best action processes.

Specialisms:
Emeldi Commerce ® enables CSPs to address some of the key challenges in Telecom Digital Transformation and effectively close the gap between all sales channels, providing a consistent and continuous experience to end-consumers and users across all touch points.

Operating Countries:
With offices in the UK, Canada, Czech Republic and Slovakia, Emeldi Group is delivering operational excellence in their main target markets Northern America, Europe and Middle East.

Empello

Stand: 7P100MR

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Company bio:
Empello is the market-leading provider of Anti-Fraud, Advertising monitoring and Compliance Support for the Mobile Payments, Value Added Services (VAS) and Direct Carrier Billing (DCB) sector. We serve Mobile Operators, Payment Providers and Merchants in 25 global markets. Empello's FraudScan and FraudStop are the most comprehensive solutions available to fight payments fraud and advertising fraud in Mobile Payments

Specialisms:
Empello's FraudScan and FraudStop are the most comprehensive solutions available to fight payments fraud and advertising fraud in Mobile Payments.

Enea Openwave

Stand: 7A11.13

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🌐   www.owmobility.com

Company bio:
Enea Openwave provides mobile operators with 5G-ready products for the mobile core. Our Traffic Management Solutions alleviate RAN congestion, accelerate video delivery, and maximize subscriber QOE. Our 5G Data Management Solutions provide a common data layer to unify subscriber and session data across network functions. Enea Openwave has deployed its solutions in 8 out of the 10 largest mobile operator groups in the world. Today the company has a footprint of over 3 billion subscribers.

Specialisms:
Enea Openwave provides mobile operators with traffic management products to alleviate RAN congestion, and a 5G common data layer to unify subscriber data.

Operating Countries:
Global - Americas, EMEA, APAC

EnSilica

Stand: 7A11.22

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Company bio:
EnSilica is a leading fabless design house focused on custom ASIC design and supply for OEMs and system houses, and IC design services for companies with their own design teams. The company has world-class expertise in supplying custom analog, mixed signal and digital IC's to its international customers in the automotive, industrial, healthcare and consumer markets.

Specialisms:
The company also offers a broad portfolio of core IP covering cryptography, Radar and communications systems. EnSilica has a track record in delivering high quality solutions to demanding industry standards.

Operating Countries:
EnSilica has over 15 years' experience helping its customers deliver 100's of successful ASIC and IC designs across a broad range of industries, including; automotive, communications, radar, industrial, healthcare IoT and consumer electronics.

EOS IT Solutions

Stand: 7B41

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Company bio:
Established in 2008 EOS IT Management Solutions have grown to become a market leader in IT supply chain, global AV roll-outs, global support and global logistics, and we continue to expand our service offerings into the Security, Data Centre, Enterprise Networking and Service Provider technology marketplace.

With 10+ sites worldwide including UK, ROI, USA, Singapore, Brazil, India, Australia, Israel, Japan and Germany, EOS have the capabilities and competencies to meet our clients' ICT requirements and expectations on a global scale.

Specialisms:
- Centralised and/or local procurement of OEM HW, both offsite and onsite rack builds.
- Custom PDUs.
- White glove delivery, packaging disposal.
- Turn-up / commission and post install RMA.
- Smart-hands support.
- Local Project management support.

Operating Countries:
To date EOS have deployed 27,000+ VC-UC solutions throughout Asia, Europe & North/South America. With over 280+ qualified field based engineers on multiple architectures across multiple locations, EOS are dedicated to providing exceptional service and technical expertise.

Eseye

Stand: 7N121MR

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Company bio:
Founded in 2007, Eseye is a leading global provider of IoT connectivity, utilizing unique technology and a powerful global partner network to deliver successful and comprehensive global IoT deployments. Using our rapid IoT device design experience, advanced SIM and cellular connectivity technology we ensure your devices stay connected, anywhere in the world. Since 2007, Eseye have successfully connected over 1,000 device types, utilizing more than 700 global cellular partnerships across 190 countries. Today we deliver global IoT connectivity services to over 1,800 customers and connect more than 2 million devices to provide critical business data in real-time, Over the Air (OTA).

Specialisms:
We provide powerful intelligent IoT connectivity - seamless network switching for 99.8% global connectivity - IoT hardware design support - IoT rapid device prototyping solutions - connected to AWS - Plug and play IoT solutions

Operating Countries:
We operate in over 190 countries around the world including North America, South America, EMEA, Africa and APAC

Evolving Systems

Stand: 1A14MR

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Company bio:
Evolving Systems, Inc. (NASDAQ: EVOL) is a provider of real-time digital engagement solutions and services to more than 80 customers in over 55 countries worldwide. The Company's portfolio includes market-leading solutions and services for real-time analytics, customer acquisition, customer value management and loyalty for telecom, retail and financial services companies. Founded in 1985, the Company has its headquarters in Englewood, Colorado, with offices in Asia, Europe, Africa, South America and North America.

Specialisms:
30+ years' experience. Over 100 customer globally of all tiers. Unrivalled expertise in innovative Loyalty and Value-related Use Cases in digital areas such as gamification, points and rewards programmes

Operating Countries:
We operate globally with customers on all continents and in all regions. Enterprise applications addressing Customer Activation and Network Services and Customer Value Management and Loyalty Use Cases

FarrPoint

Stand: 7B31

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Company bio:
Since 2007, FarrPoint has been helping to connect people and communities, transforming businesses through innovative and creative use of digital technology and infrastructure. Our role as independent advisors is of great importance to us. With no vested interests, our focus is purely on finding the best digital solution at the best value. To date, we have advised on over £2billion worth of global digital connectivity projects in Retail, Defence & Security, Government & Public Services, Healthcare, Aviation and Professional Services. Specific areas of expertise include digital infrastructure projects providing high speed pervasive fixed and mobile connectivity to businesses and communities.

Specialisms:
Digital Connectivity: We find the best digital solutions to connect people and communities.

Connectivity Lab: We continually research and innovate to find the best digital solutions in the marketplace.

Service Transformation: We find the best solutions to transform business capability.

Operating Countries:
FarrPoint currently operate across the UK as well as having a presence in Spain and Canada.

Filtronic

Stand: 7B29

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Company bio:
Telecoms, defence and aerospace, and critical communications markets. Filtronic's range of technically innovative solutions include: • mmWave products: highly integrated E-band transceiver modules for 5G XHaul and other ultra-high capacity applications. In-house MMIC development and established foundry relationships enable high performance, cost-effective solutions. Cerus amplifier modules significantly extend the range of ultra-high capacity E-band links. • RF Conditioning: combiners, filters, and tower top amplifiers designed to enable and enhance site sharing in crowded networks, as well as a range of products focused on public safety networks.

Specialisms:
Filtronic is a specialist designer and manufacturer of advanced RF solutions which transmit, receive, condition filter and amplify wireless communication signals. Filtronic's focus is helping clients architect high-performance RF networks aimed at the critical communications market.

Fleksy

Stand: 7N91

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Company bio:
Fleksy is an award-winning alternative keyboard for your Smartphone and tablet, available for Android and iPhone. Fleksy aims to give you full control over customization and productivity. With Fleksy, you can share, find and send GIFs, stickers, videos, images, and links all from the convenience of your keyboard. No more switching between apps. Fleksy counts for more than 13 million downloads on the Google Play and App Store combined.

Specialisms:
Fleksy developed an AI that contextually recommends content, services, websites, emojis, and next-word predictions as you message with friends or surf the web. Fleksynext uses a sentiment and intent analysis before appearing the recommendation above the keyboard while you type.

Operating Countries:
Globally. We have 50 languages available and our app can be downloaded everywhere the App Store and Play Store are accessible.

FlipRecycle

Stand: 7B31

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🌐   www.fliprecycle.com

Company bio:
FlipRecycle deals in Mobile Device Repair, Recycle, Refurbishment and Resale..
We work mainly with Insurance Companies, Mobile Networks and assisting the mobile device take back industry as well as corporates. We assist in reducing the repair costs of devices, as well as realising value in what would have traditionally considered as "scrap". Our beyond recycling approach means that we not only steer product from going to land fill but also going through the pure recycling process by investing in finding new homes for devices and parts, whilst treating all devices with total sensitivity around data and data erasure.

Specialisms:
Our beyond recycling on all aspects of repair, recycle and resale. We are able to reduce repair-cost by realising commercial value on the parts removed and also with device recycling beingable to maximise commercial value whilst maintaining data integrity/security.

Operating Countries:
UK and Europe

FX Digital

Stand: 7B41

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Company bio:
FX Digital is a digital agency specialising in TV application development and voice experiences, providing innovative solutions for brands looking to pioneer the latest technologies. Founded in 2011, R & D has underpinned FX Digital's philosophy since its foundation, with our co-founders rapidly realising that to survive, thrive and grow in the digital world you can never standstill, but instead must constantly maintain an appetite for creativity & innovation.   Our recent projects include building an entirely new cross-platform TV App for Eurosport, one of the world's largest sports networks. FX Digital also created Contiki's "Pack My Bag" Alexa voice skill.

Specialisms:
We specialise in TV application development across multiple Smart TV vendors and games consoles and voice experiences across Alexa, Google Assistant and Bixby.

Operating Countries:
FX Digital currently operates in the UK and Europe and is looking to expand across the world

GeoSpock

Stand: 7A11.16

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Company bio:
GeoSpock is a global organisation, which is located in the world-renowned high-tech cluster in Cambridge, UK, transforming diverse markets with our spatial big data platform. We enable our clients to face business opportunity by translating complex connections into meaningful outcomes for business benefit in just seconds, GeoSpock harnesses trillions of data points to discover hidden patterns and create a valuable new perspective in markets including IoT, logistics and data technology.

Specialisms:
We employ world class engineers and data scientists that ensure our clients are market leading and that they get significant return on investment. GeoSpock brings data to life that transforms businesses. Our success is our clients' success.

Operating Countries:
We have our headquarters in Cambridge, UK, with additional offices in London, Tokyo and Singapore.

Global App Testing

Stand: 8.1G47

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Company bio:
Global App Testing allows teams to test in over 105 countries with 25,000 vetted professionals using real devices in real environments. We believe autonomous testing augmented with humans will allow enterprises and SMBs to transition themselves to deliver high-quality products with minimal testing effort. With innovation at the heart of every decision, we will continue to deliver value with every test.

Specialisms:
Our Impact First Testing model combines the best of automation with intelligent crowdsourcing to deliver fast, accurate, actionable test results - effortlessly.

Operating Countries:
We have offices in UK Poland and Romania and have customers all around the world.

Global mobile Suppliers Association

Stand: 7N91

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Company bio:
GSA is a not-for-profit industry organisation representing companies across the worldwide mobile ecosystem who are engaged in the supply of infrastructure, semiconductors, test equipment, devices, applications and mobile support services. We actively promote the 3GPP technology road-map – 3G; 4G; 5G and spectrum harmonisation – and are a single source of information for industry reports and market intelligence with free industry reports through our website.

Specialisms:
GSA produces reports and data on what is actually happening in the mobile ecosystem today - while our 90+ Spectrum Group participants promote harmonisation of mobile spectrum.

Operating Countries:
GSA is global - with representation in all regions of the world. We look to educate the wider ecosystem, regulators and policy makers on the benefits of mobile technology helping them make sound industry and policy decisions.

Global Reach Technology

Stand: 7B41

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Company bio:
Global Reach Technology is a Wi-Fi software & services specialist, and recognised Hotspot 2.0 Wi-Fi industry leader. We deliver secure authentication for the largest international Wi-Fi services, including those in the cities of New York and London, major international coffee chains, shopping malls, airlines & airports, train & metro operators, and merchant shipping vessels.

Specialisms:
We specialise in

1) Large scale secure wireless authentication

2) Vertical Wi-Fi solutions in industries: Transport, cities, shopping malls, telcos

3) Wi-Fi roaming.

4) Convergent networks

Operating Countries:
Northern Europe, North America, Asia.

High Tech Mobile Limited

Stand: 7B41

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Company bio:
Helping promising innovative tech device brands to launch, build and scale by using 25+ years of business development experience in sales and launch planning on some of the most innovative and greenfield products of their day.

HighTechMobile work with Tech Start-Ups or join businesses when they have established themselves but want to expand their reach and need help to introduce their products and technologies to the regional or global marketplace.

Put simply, we are a smart alternative to hiring your own business development team and can help accelerate your journey in EMEA.

Specialisms:
Helping innovative tech device brands to launch, build, scale.

HighTechMobile will help get your product launched – we can get the right buyers to back your vision and will support you through all launch stages. We are your external Sales Team!

Operating Countries:
UK / EMEA

Imediavan

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Company bio:
We are a perfect mix of creatives. developers, makers & thinkers with the strong mission of helping companies to implement the right and affordable technology by designing, developing and launching innovative solutions.   Our integrated team has the right expertise for every step of your project. From creative designs to the latest and most efficient coding technologies. We believe in the "Sky is the limit", but how to effectively succeed in your journey without killing your budget? Analysing, assessing and choosing the right technology to build your project will maximise your Return of Investment.

Specialisms:
We are specialised in creating MVPs and prototypes via Rapid-Prototyping by choosing the right features to be tested. We use the web, cloud, mobile and/or IoT technologies.

Operating Countries:
We are helping companies from various verticals from UK, USA, France, Spain, Saudi Arabia

Inawisdom

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Company bio:
Inawisdom was founded in 2016 by CEO Neil Miles, CTO Robin Meehan and its Chairman, Julian Harris. Inawisdom are leaders in AI (Artificial Intelligence) and ML (Machine Learning) and closely partner with Amazon Web Services (AWS), the prominent cloud services provider. Headquartered in the UK with offices in BT's Innovation Centre in Suffolk, London and Rotterdam alongside a presence in the Middle East, Inawisdom currently have over 80 employees and work with both UK and global organisations. Inawisdom work with a variety of successful businesses across a broad range of industries including Financial Services, Retail, Automotive, Utilities, Manufacturing, Telecom and Transportation.

Specialisms:
Inawisdom help customers to realise the value of their data assets, using AI and ML. Specialising in advanced analytics, BI/MI and Data Science, Inawisdom provide AWS Cloud and Data Services, from Platform through to Engineering and Advanced Predictive Analytics.

Operating Countries:
Inawisdom currently have a presence in the UK, Middle East and Benelux region. However, our offering is successfully deployed across multiple organisations worldwide, from start up to enterprise.

Indus Net Technologies

Stand: 8.1D10

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Company bio:
Indus Net Technologies is a global, award-winning, digital engineering company. We help enterprises and startups build, enhance, manage and reengineer innovative digital software products. Our 'skin in the game' model ensures true partnership across the lifecycle of the business. We provide enterprise-grade software development (cloud/web and mobile applications), analytics and digital marketing solutions across 45+ countries through our global delivery centers, in UK, USA, Singapore, and India. We have proven expertise in Financial Service, Banking, Insurance, Entertainment, Retail, FMCG, Professional Services & Government verticals. We are ISO 9001, ISO 27001 certified and CMMi Level3 appraised. We are known for being agile, flexible, our innovation, and technical excellence.

Specialisms:
Indus Net Technologies is a digital engineering and solution partner for enterprises to build a solid technology foundation as their technology partner. We bring in a thorough product development and management approach leveraging our capabilities in technology, marketing, and analytics.

Operating Countries:
We operate from the UK, USA, India, and Singapore serving a number of enterprises, fastest-growing product companies, digital agencies across 45+ countries in the APAC, EMEA, LATAM, USA, Canada, and India with a focus in the UK and EU markets.

A culture of innovation

The UK is at the forefront of a revolution. The UK's culture of innovation translates into world leading capabilities across a multitude of technology sub-sectors, from AI and IoT to Communications, Electronics and FinTech.

It's an industry that's creating thousands of new and highly-skilled roles, and simultaneously transforming the workplaces, capabilities and practices of more traditional sectors.

This culture of innovation and entrepreneurial ambition continues to propel the sector to exciting new heights. The UK is experiencing six years of continuous growth (and no signs of stopping) and new tech jobs being created 2.6 times faster than the rest of the economy. Wherever you look, it's evident the UK tech sector is really coming of age.

Image credit: © Visualisation: ITO World

20%
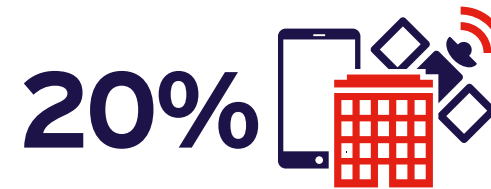
The number of digital tech companies born in the UK increased by an average of 20% each year between 2010 and 2015.

$50.4bn

Digital services exports from the UK in 2016 were worth £39.1 billion, an increase of 21.8% from 2015.

1.87m

Digital tech jobs in the UK.*

*TechNation 2018

Invest Northern Ireland

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Company bio:
Northern Ireland attracts global companies because of its blend of an exceptionally skilled workforce with a strong work ethic and highly competitive operating costs.

The region's vibrant SME tech and start-up community is thriving due to harnessing talent through incubation, a highly developed entrepreneurial ecosystem and a vibrant networking scene. There is also a range of dedicated tech courses available at local Further Education colleges. Masters and PhD courses across areas including cyber security and artificial intelligence are offered by both Queen's University Belfast and Ulster University.

Invest Northern Ireland, the region's economic development agency, works in an ongoing partnership with investors offering business advice and financial assistance in order to develop and expand their business and to improve capability and international competitiveness.

To learn more about why international companies such as Rapid7, SAP, Citi, Fujitsu, TSYS (Cayan), Bazaarvoice, Allstate and Visa are choosing Northern Ireland visit investni.com/invest.

iOpt

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Company bio:
iOpt enables organisations with large social housing portfolios to optimise their maintenance programmes. The service predicts when, where and why damage will occur in an asset due to environmental conditions. We allow the asset manager to ensure that the conditions within the property protect not only the asset but also the health of the tenant. Near real time, actionable data means the asset manager sees exactly how the tenant is interacting with the property, how they are heating it (or not) and how resources can be deployed across the housing stock to reduce energy consumption and improve energy efficiencies.

Specialisms:
iOpt specialises solely in Social Housing property monitoring. Preventative maintenance alerts. Abandoned property alerts. Fuel poverty detection. Indoor air quality monitoring. Cost benefit analysis. Data analysis. Strategic planning tools. Business information. Vulnerable person monitoring.

Operating Countries:
United Kingdom. Capability to work in Europe and developing services for North America. United Kingdom.

ip.access

Stand: 2.1C14Ex

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Company bio:
ip.access is the leading specialist for Small Cells, Private Networks, Cellular SDRs and presenceSensor micro location technology. We excel at designing and delivering carrier grade wireless solutions across 2G, 3G, 4G and 5G. Serving the MNOs, service providers and beyond, our mission is to deliver wireless technology across the full vertical spectrum, reaching those industries that require dedicated specialised networks. Whether due to the remoteness of location, higher security requirements or integration with other components, we deliver easy to deploy, secure and robust cellular networks tailored to specific use cases. ip.access unlocks the value of spectrum for customers globally.

Specialisms:
From land to the seas and the skies, our technology knows no limits, eagerly looking at ways to improve and innovate in designing and delivering connectivity for MNO, Aviation, Maritime, Enterprises, Private Wireless Connectivity, Security/Defence and data analytics applications.

Operating Countries:
Europe, North America, Africa and Pan-Asia

IrisGuard UK

Stand: 7C26

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Company bio:
IrisGuard was founded in 2001 and is a leading supplier of iris recognition biometric technology, managing human identity requirements for large populations. IrisGuard's patented EyePay® technology is an innovative Secure Financial Delivery platform utilising iris recognition technology such as EyeBank®, EyeCloud® and EyeCash® to securely deliver financial services to the world's unbanked through card-less cash withdrawals on ATMs, Blockchain transfers, remittances and food vouchers replacements in supermarkets. IrisGuard is an established solutions provider for the United Nations Agencies such as the High Commissioner for Refugees (UNHCR), the World Food Programme (WFP) and many National government and Non-governmental organisations.

Specialisms:
Our technology finds and authenticates one person out of millions, anywhere in the world, with 100% certainty in less than 3 seconds, without any form of ID. It delivers a transparent, error-free, secure, safe, contactless method for onboarding and verification.

Operating Countries:
The IrisGuard EyePay® Cash platform is being actively used by millions of beneficiaries of United Nations and numerous NGO's, in the MEA region including Jordan, Lebanon, Iraq, Egypt and Turkey.

GLOMO award nominee 2020

ISIX Communications

Stand: 7A11.4

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Company bio:
ISIX Communications LLP offers industry leading innovative connectivity services. Thanks to various alliances, the company helps to cover all corporate needs globally. ISIX Communications specializes in enterprise data services. As an expert in network services, the company offers mobile data services around the world and flexible secure solutions from data centers and MPLS to cloud access and intelligent IOT for small businesses and large companies.

Specialisms:
Innovative connectivity services with global coverage from mobile data for enterprise to intelligent IOE. Professional team always ready to provide with best in class solution for any connectivity requests.

Kainos Group

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Company bio:
At Kainos we use technology to solve real problems for our customers, overcome big challenges for businesses, and make people's lives easier. We build strong relationships with our customers and go beyond to change the way they work today and the impact they have tomorrow. Our user-first approach has helped over 55 million people and saved our clients hundreds of millions of pounds, upskilling our customers to create a legacy of ongoing improvement.

Specialisms:
Our two specialist practices, Digital Services and Workday, work globally for clients across healthcare, commercial and the public sector to make the world a little bit better, day by day.

Operating Countries:
Headquartered in the UK, Kainos operates around the world, with offices in England, Northern Ireland, Ireland, Poland, Denmark, Canada, North America, Germany, Netherlands, France, and Finland.

Keyless Technologies

Stand: 7A11.6

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Company bio:
Keyless is a deeptech, cybersecurity company founded by experienced entrepreneurs and leading security experts. Backed by top-tier VCs, we are bringing 10+ years of research in biometrics and cryptography to life. Our zero-knowledge biometric solution eliminates the need for businesses to centrally store and manage biometric data, passwords, and any other sensitive information without compromising on convenience or privacy. We envision a world where anyone can seamlessly access any digital service from any device, any time, while keeping personal credentials safe, private and under control. Where the only key is you. A world that is Keyless.

Specialisms:
We are building the world's first privacy-preserving biometric authentication and personal identity management platform that combines biometrics with advanced cryptography in a distributed architecture.

Konnect Digital

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Company bio:
Konnect Digital is a Media-Tech solutions company servicing the digital media & entertainment eco-system by consistently innovating to deliver simple, reliable, intelligent and scalable solutions that drive audience engagement for content partners and media channels. We engage with Mobile Operators, Device Manufacturers, Connected TV & VoD platforms, IPTV Channels and Broadcasters to understand and deliver on their Content needs.   Our innovative media & entertainment content exchange - DICE - enables smart acquisition and distribution of quality content, accelerating speed to market and driving resource efficiencies for our partners.

Specialisms:
DICE offers a wide range of diverse, high quality content from global markets and producers across all entertainment and lifestyle genres, including film, , factual, kids, education, news and sports plus many others. please visit: https://dice.konnect.digital

KORE

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🐦 @KORE_Wireless

Company bio:
KORE is a trusted advisor delivering transformative business performance from IoT solutions. We empower organisations to improve IoT operational and business results by simplifying the complexity of IoT. Our deep IoT knowledge and experience, global reach, purpose-built solutions, and deployment agility accelerates our customers' business outcomes. KORE eliminates the time-consuming need to identify, evaluate, contract, and manage multiple network connectivity providers, equipment manufacturers, as well as application enablement and professional services organisations. We deliver all of the components required for a successful IoT implementation, as well as the proven expertise needed to maximise IoT investments and transform IoT business performance.

Specialisms:
KORE's advanced connectivity management and eSIM capabilities simplify the complexity of achieving network access for truly global resilient coverage, navigating evolving network technologies, and managing complex logistical processes with a single eSIM. We are future-proofed connectivity for our customers.

Operating Countries:
KORE serves 6,200+ customers & partners with circa 12M subscribers and active devices across our connectivity and location based services. Providing coverage in approximately 180 countries in the world and deliver 92% global country coverage for secure, managed connectivity.

Kx - a division of First Derivatives

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✉ pcolgan@kx.com

🌐 www.kx.com

🐦 @kxsystems

Company bio:
Kx is the leader in high-performance database technology, used for over two decades at the top global trading venues, financial institutions, and exchanges. Our analytic software platform includes the world's fastest time-series database system, kdb+, designed from the outset to handle the massive scales and speeds associated with real-time stock trading. This capability is ideally suited for Telco's big fast data challenges. Kx is today emerging as an elegant, integrated solution to the analytic needs of the utilities, automotive and high-tech manufacturing industries, scaling effortlessly to the IoT data challenges.

Specialisms:
Kx's platform enables the ingesting, processing and analyzing of real-time, streaming and historical big data from networks, devices, and other data sources to improve and automate operation and business processes including network planning, CRM support, fraud detection and performance analytics.

Operating Countries:
The Group operates from 15 offices across Europe, North America, and Asia Pacific, including its headquarters in Newry, and employs more than 2,400 people worldwide.

Laird Connectivity

Stand: 7K67

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Akron
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Company bio:
Laird Connectivity simplifies and enables wireless technologies with market-leading wireless modules and antennas, integrated sensor and gateway platforms, and customer-specific wireless solutions. Our best-in-class support and comprehensive engineering services help reduce risk and improve time-to-market. When you need unmatched wireless performance to connect electronics with security and confidence. Laird Connectivity delivers – no matter what.

Specialisms:
Laird Connectivity specializes in Wireless Expertise, Customizable IoT Solutions, having Unmatched Customer Support, producing the Highest Performing Products and providing a full suite of EMC test services.

Operating Countries:
North America, South America, EMEA, APAC

Liquid 11

Stand: 7B41

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✉️   chris@liquid11.co.uk

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Company bio:
The heart of liquid11 beats as a technology company, but the truth is we are a collective of technically strong individuals bubbling over with unique ideas. We filter those ideas through our patent pending crazy filter, removing some ideas to make more room for those that are truly imaginative and that we know will deliver real value to our customers. We develop and refine these to become the next big idea for you.

Specialisms:
Telephony services, designed and built inhouse. Inbound and outbound telephony via our advanced platform to the SME's. Specialists in inbound call management and call handling and proving a live agent call handling service to meet customers calls.

Operating Countries:
For telephone services predominantly the UK. For data cleaning and realtime mobile telephone validation we operate in 28 countries with clients globally inc. the EU, Australia, New Zealand and the US.

mGage

Stand: 8.1F65

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Company bio:
Brands create powerful and interactive connections with their customers using mGage`s innovative messaging solutions. We are a tier-1 aggregator with direct connections to all major US and UK carriers and 600 connections delivering to 150 countries. We partner with enterprises to deliver high volume time-sensitive, transactional and promotional messages across key messaging channels including SMS, RCS and Push. We also provide mobile payment solutions such as Direct Carrier Billing (DCB), allowing consumers to pay for digital content & services using their mobile phone. This is all backed by decades of experience, state-of-the-art infrastructure and the most comprehensive support available.

Specialisms:
Transactional and promotional messages across key messaging channels including SMS, RCS and Push. We also provide mobile payment solutions such as Direct Carrier Billing (DCB), allowing consumers to pay for digital content & services using their mobile phone.

Operating Countries:
We offer connections in 150+ countries including Belgium, Ireland, England, Netherlands and more.

Microblink

Stand: 8.1I51

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Company bio:
Microblink is an R&D company that's simplifying data entry in mobile and web apps using camera input & AI technology. We merge proprietary mobile vision tech with data extraction. Microblink develops off the shelf products that solve real-life problems and are optimized for easy integration into any app. BlinkID - ID scanning solution, automates form filling, user registration, onboarding, and KYC process while enabling seamless UX in mobile and web apps. BlinkCard - payment card scanning solution, helps companies speed up check out and payment processes. Microblink works globally and is trusted by more than 500 clients in various industries.

Specialisms:
We use advanced neural networks and deep learning techniques that process the fastest and the most accurate text recognition locally on a device. Therefore, we offer a variety of products as mobile SDK or WEB API tailored for specific use-cases.

Operating Countries:
Microblink is a company that works globally and delivers services at a high level and quality. Our worldwide customers' network spreads in over 60 countries. We already have a strong presence in the US, Europe, and Southeast Asia.

Millbrook

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Company bio:
Millbrook provides vehicle test and validation services and systems to customers. It is independent and impartial in everything it does. It has a range of test facilities for full vehicles, tyres and components located in the UK, the USA and Northern Finland. Millbrook also designs, builds, installs, and services dynamometer test systems and an associated data acquisition and control system. Millbrook's employees are passionate about safety, customer service and technical excellence, making them ideal partners at any stage in the development and launch of the vehicles of tomorrow. Millbrook is part of Spectris plc.

Specialisms:
Facilities include outdoor and indoor test tracks, engine dynamometers, environmental chambers, e-motor and e-axle test cells, portable emissions measurement systems (PEMS), structural test laboratories, crash laboratories including a ServoSled, interior systems laboratories, battery test facilities and advanced emissions chassis dynamometers.

Operating Countries:
Millbrook serves the automotive, transport, tyre, petrochemical and defence industries. It has test facilities in the UK, USA and Finland and designs, builds, installs, and services dynamometer test systems across the continents, with presence in the USA, Europe and Asia.

Mishcon de Reya LLP

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🌐 www.mishcon.com

🐦 @Mishcon_de_Reya

Company bio:
Mishcon de Reya services an international community of clients, providing advice in situations where the constraints of geography often do not apply. The work we undertake is cross-border, multi-jurisdictional and complex across core practice areas: Corporate, Intellectual Property, Litigation, Mishcon Private, Real Estate and Family.

We know that our clients operate in a fast paced environment and want to solve problems and capitalise on opportunities quickly. Appreciating the privilege of sitting alongside our clients as a trusted advisor, we recognise the significant nexus between business and personal affairs and the ways this affects our clients. 'It's business. But it's personal'.

Specialisms:
A significant core of our client base comprises entrepreneurial and technology-focused business of all sizes. Our experience transforming our own business has helped us create a team of legal and non-legal technical specialists, servicing the evolving needs of tech businesses.

Operating Countries:
Offices in London and New York. The firm's international links are vast with niche expertise held in several jurisdictions, including the Middle East, Asia, Africa, Israel, India, Eurasia and the US.

Mobica

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Company bio:
Mobica is a global software services company, providing scaleable custom software engineering with technical and delivery excellence to technology companies around the world. Mobica works in R&D across many sectors ensuring best practice and knowledge innovation for our customers. We are market leaders at delivering enabling technologies in Connected Devices and IoT and works across Silicon, Automotive, Connected Devices, FinTech, Media and Telecommunications sectors. Mobica has a Chip to Cloud services offering, with strong competencies from the bottom to the top of the software stack

Specialisms:
Mobica offers scalable software engineering services from chip to cloud, enabling organisations to meet their product roadmap commitments on time and enabling a faster time to market and enhanced customer experience.

Operating Countries:
Mobica has offices in the UK, Germany, Poland and the US and we have customers all over the world. We work in multiple sectors including Silicon, Automotive, Connected Devices, FinTech, Media and Telecommunications sectors.

Mobile Mark Europe

Stand: 7C10

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Company bio:
Mobile Mark designs and manufactures antennas for 137MHz – 10GHz. Applications include: GPS (ITS, Tracking, Fleet Management), Cellular (GSM/CDMA, GPRS, 3G/4G/5G, HSPA, LTE), M2M (IoT, Machine-to-Machine), Smart Grid & Smart Metering, Wireless Video/Surveillance, Remote Monitoring, ITS/Smart Highways, Transit, WiFi, RFID, Orbcomm, Public Safety & Military. Products include site, mobile, device and embedded antennas. Custom designs available. Mobile Mark continues to introduce new antennas for markets across the wireless spectrum including: compact Site Antennas for efficient base station/network development, , rugged Broadband Antennas for Cellular M2M, custom Embedded Antennas for Smart Meters, and GPS Multiband Antennas for Fleet Management.

Specialisms:
Design and manufacture of communications antennas. Also offering a bespoke design service. We offer a flexible approach to our customer requirements, whether it is for shorter, longer or more specialized cables, different and unusual connectors.

Operating Countries:
All of Europe

Mobile Systems International Consultancy

Stand: 7K41

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Company bio:
Mobile Systems International has a rich history in Telecommunications & Security spanning both Defense & Commercial systems and networks. Established in 1989 in London, UK, we have grown our International presence with Operations in Europe, Middle East and Africa. We are proud of our heritage, independence and long-term partnerships and utilise this experience to develop new relationships to their full potential. Our experience and expertise is far reaching covering areas such as network evolution, spectrum harmonisation, network automation, network analytics, IoT, connected living, network security, private and government networks.

Specialisms:
We cover with our experience and knowledge different areas including: network evolution, spectrum harmonisation, network automation, network analytics, IoT, connected living, network security, private and government networks.

Operating Countries:
Operations in Europe, Middle East, Asia and Africa.

Mobilise Technology

Stand: 7A11.21

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🌐   www.mobiliseglobal.com

Company bio:
Mobilise Technology Limited is a UK based leading provider of SaaS digital services. Our Digital SaaS platform Mobilise helps telecoms brands with digital transformation and product innovation. M-Connect a fully brandable multi-feature platform that allows brands to implement digital-first service propositions. Marketing landscape has dramatically changed. Consumers want the same kind of experience with every brand they encounter; there is a powerful convergence of marketing and technology; brands are no longer built through advertising but through experiences. Combining deep knowledge of Telecoms customer journeys with M-Connect software platform we help brands deliver market leading customer experiences and manage digital transformation.

Specialisms:
Mobilise specialises in digital solutions for telecom service providers including fully branded front end interfaces (mobile apps and web portal), back office business support systems and integration layer.

Operating Countries:
Mobilise Technology operates throughout Europe including United Kingdom, Ireland, Austria, Germany and Sweden. Within the Middle East regions have included Oman, Dubai and Kuwait. LATAM, North America and Australia.

MYCOM OSI

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Company bio:
MYCOM OSI, the Assurance Cloud Company™, provides award-winning, cloud-native, AI/ML-driven Assurance, Automation & Analytics solutions - including the world's first assurance SaaS - that visualize, automate and optimize digital experiences as well as service and network quality across hybrid telco and IT networks, enabling digital transformation of Tier 1 CSPs in the 5G era. Available as a subscription-based cloud service, it's deployed in the world's first end-to-end NFV/SDN Telco Cloud and assures some of the world's first 5G networks and services. Headquartered in London with 250+ staff worldwide, MYCOM OSI has been 100% focused on service assurance for 25+ years.

Specialisms:
MYCOM OSI specialises in enabling CSPs to optimize customer experience, service quality and network performance through AI/ML-driven cloud-hosted software solutions, within the Service Assurance category of OSS functions.

Operating Countries:
We are a global company. We cover the Americas, Europe, Middle East, Africa and Asia Pacific.

Mymanu

Stand: 7B41

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Company bio:
Leading innovative developer of interconnected smart electronics, Apps, software and software that harness connectivity to empower people and businesses. We have developed a series of unique and ground-breaking hardware, world-first live voice translation earbuds in 37 languages and software that enable individuals and businesses to connect and communicate with others wherever they are in the world and in different languages, empower them to do business and enrich their lives

Specialisms:
innovative manufacturer and designer of smart consumer electronics that enrich people's experience through the power of sound specialised in truly wireless with live voice translation, machine learning, voice technology

Operating Countries:
Europe, US, Asia

MysteryVibe

Stand: 7B41

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Company bio:
MysteryVibe creates award-winning Sexual Health Products. Deeply researched, anatomically designed, doctor-endorsed products to make intimacy easy. We make sexual health as commonplace as … health. So anyone from post-natal to post-menopause; adventurer to ED solver; singles to long-term couples, can use our tools, talks & techniques to bring that mystery back into their bedrooms. Our vision is to create a world where everyone has the space, freedom, knowledge & power to elevate their sexual health & wellbeing.

Specialisms:
We invent category defining products that help improve our sexual health, particularly after a major life event like pregnancy, menopause or cancer.

Operating Countries:
US, UK, Germany, Netherlands

Navenio

Stand: 7N91

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Company bio:
Navenio. Changing the way we experience the indoor world. Through our world-leading Oxford University research and technology we create compelling location-based services that solve real-world problems for everybody, everywhere… with no need for investment in infrastructure.   Our primary mission is to transform hospitals globally by enabling healthcare teams to be in the right place, at the right time, to deliver the very best in patient care – the principle of which can be equally applied to any other workforce.

Specialisms:
Indoor Location without the need for any new infrastructure to be installed - simply using a smartphone.

Operating Countries:
Navenio operates in the UK and is expanding into Asia and the US currently - primarily focused on workforce efficiency in Health, but also in the general Facilities Management space.

Neueda

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Company bio:
Neueda is a trusted partner to international leaders across public sector, private sector and capital markets. Founded in 2006, Neueda delivers large-scale, mission critical software projects in markets experiencing data and regulatory challenges along with structural and technological disruption. Services include cloud and integration, system modernisation, data and analytics, right through to complex transformational projects. Neueda serves its world-wide customer base from its headquarters in Belfast, near shore resourcing centre in Malaga and sales offices in Dublin, London and New York.

Specialisms:
In the ever-changing data and regulatory landscape, Neueda helps its global customers enhance competitiveness, meet regulatory demands, drive efficiencies, innovate and transform. We create customer success through digital solutions, system modernisation, cloud and integration services, and data and analytics services.

Operating Countries:
UK, Europe and North America

Neutral Wireless

Stand: 7B31

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Company bio:
Neutral Wireless has extensive experience in the planning, design and deployment of shared spectrum mobile/fixed wireless access systems, particularly for rural locations. The company's engineers and managers have many years background in design and building of private networks in the UK and internationally from 2G, through 3G and 4G, and now with 5G deployments. Recent projects include demonstrating neutral host implementations, shared spectrum and NB-IoT networks. Most recently with key partners we have designed and deployed private LTE/5G solutions for networks in the UHF band (TV-White-space), and in the 5G bands at 700MHz and 3.5GHz

Specialisms:
Working with key partners, Neutral Wireless specialises in end to end 5G 'new thinking' deployments for rural locations. Basestation deployments are based on AW2S software-defined-radio (SDR) remote radio head (RRH) solutions using the Amarisoft 4G/5G software stack.

Operating Countries:
United Kingdom, Ireland, other EU, planning New Zealand via partnership. We have projects in the UK, and in Ireland for deployment of NB-IoT. New Zealand will be a shared spectrum joint project strategic effort.

Norfolk and Suffolk Unlimited

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Company bio:
Unlimited space, talent and opportunities. What more could you want for your business? Norfolk & Suffolk has a great talent pool, a wealth of high-tech assets and excellent connections to the rest of the UK and beyond. And a great team ready to throw open our doors and support your business.

Investing here will give your business the advantage. You can profit from a community of fast-growing knowledge intensive businesses and supportive networks, while experiencing lower costs of doing business and excellent connectivity.

We are open to you.

Specialisms:
Free support to explore grants, funding and local sector capability.

With businesses at the forefront of digital innovation, and strengths in telecoms, cyber security, quantum technology, AI and robotics, Internet of Things, big data and UX design.

Operating Countries:
United Kingdom

Nottingham Scientific

Stand: 7A11.10

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Company bio:
NSL is a dynamic SME with a high-calibre workforce who pride themselves on being at the forefront of technology development within the UK and EU space industry.   Our specialism is the development of robust, reliable and cost-effective Global Navigation Satellite Systems (GNSS) applications and technology which enable organisations and individuals to maximise the benefits of high-accuracy navigation and positioning. Through our products and services, we contribute to improving the safety of citizens, national security strategies and the way business is conducted.

Specialisms:
NSL add a layer of trust to satellite navigation. Unique solutions that monitor and improve upon the satnav signals and performances provide peace of mind to system infrastructure operators, regulators, and all providers and end-users of satnav-based services and applications.

Operating Countries:
We operate primarily within the UK and European Space, Transport, Location Based Service and Location Based Application markets.

Olvin

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Company bio:
Olvin is an artificial intelligence company that is transforming the retail and consumer goods industries with predictive insights. Using the latest advances in machine learning, Olvin analyses billions of data points each day to make sense of consumer behaviour. This analysis helps us understand their needs, interpret their intentions, and discover what drives their decisions. We distill this intelligence into simple, actionable insights through our self-service web platform, Almanac. Using geospatial data as our cornerstone, we analyse trends emerging in the real-world and output predictive data to help brick-and-mortar businesses become as proactive as their online counterparts.

Specialisms:
Olvin's focus on simplicity takes the guesswork out of data analysis. We carefully curate and harmonise data before inputting it into Almanac's artificial intelligence engine. This produces clear insights which, through our turnkey web platform, businesses can instantly engage with.

Operating Countries:
Alamanac is currently available to businesses across the USA. This year we'll be rolling out our service in key markets in Western Europe, including the UK where we are based.

Omnis Software

Stand: 7B41

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Company bio:
Omnis Software are the creators of Omnis Studio, a world-class application development tool for creating attractive web, mobile and desktop applications for enterprises and SMEs. Omnis Studio significantly reduces the time/cost of application development. It is a true Cross-Platform application development tool enabling developers to write code once and deploy on any platform and device. Omnis Studio has helped thousands of application developers create market-leading applications for over 40 years. Omnis has a very active global developer community and is headquartered in the UK with subsidiaries in the USA, France, Germany and distributors for many other parts of the world.

Specialisms:
Omnis has been developing software tools for developers for over 40 years, the IDE is very feature rich, so developers only need one tool. VARs, businesses and government departments have been able to rely on Omnis for decades.

Operating Countries:
Omnis Studio is sold in over 50 countries across every vertical market. Our customers range from global enterprises to small businesses requiring bespoke business applications to VARs providing market specific business applications.

Mobile World Congress 2020

While the UK technology industry has a global outlook, it's also true many tech companies are thriving due to the strength and advantages of their own local clusters.

These create different kinds of partnership, but ones where idea-sharing, concentration of skills and research, and minimal travel time are helping these dynamic 'ground-up' enterprises to thrive and grow.

From seaside towns to major industrial cities, areas of tech excellence have developed all across the UK, often down to local factors such as the presence of an academic institution or historical strengths in particular economy sectors.

Media City in Salford Quays
Manchester, England

In the first eight months of 2019 the UK attracted more deals than in the same period in 2018, raising

$9.2bn

into UK tech companies across 631 deals

On a cumulative basis since 2013, the UK has attracted

$26bn

in total Venture Capital

In the past year, the UK has produced 5 new billion-dollar companies with a cumulative value of

$10.3bn

The UK alone has 27/84 billion-dollar companies with a cumulative value of

$80bn

Opensignal

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OpenSignal

Company bio:
Opensignal is the mobile analytics company helping the telecom industry build better mobile networks and improve connectivity for everyone.

As the independent global standard for measuring and analysing real-world mobile network experience, we are recognised across the industry for providing the most accurate insights available on the true experience consumers receive on mobile networks. Capturing billions of individual measurements daily from over 100 million devices worldwide, we analyse and report on real-world mobile network experience at the largest scale and frequency in the wireless industry.

Specialisms:
Our analytics reveal the competitive reality to operators, regulators and analysts, to direct decisions and investments powering network enhancements, innovations and maximum market impact.

Operating Countries:
Opensignal operates globally, reporting on every major operator worldwide.

Orange Monkey Group

Stand: 7B41

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🌐 www.omg.limited

OMG
ORANGE MONKEY
GROUP

Company bio:
Specialising in the distribution of interesting and unique products that we support in order to prepare for our key market and channels. We also provide a sourcing service, this extends further than consumer electronics with support for areas such as automobile as well. With many years experience of brand development, product development, product launch and channel placement we support our clients through the whole journey as well as advising on the best routes to launch. Current retail partners include John Lewis & Partners, QVC, Gift Universe, Amazon and many more while we also support the Health and Education sectors as well.

Specialisms:
Offering of unique quality products in the wellness and educational sectors. A range which includes app linked products linked to health and education. Our company are also focussed on improving products for the educational and health sectors.

Operating Countries:
United Kingdom although starting to engage conversation's with Bulgaria and Greece

Orbital Media

Stand: 7B41

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Company bio:
Peter Brady is CEO and founder of Orbital Global, which incorporates three divisions:

1. Orbital Media, one of the UK's most innovative full service digital agencies. Founded in 2003, Orbital has worked with some of the world's biggest organisations on national and global accounts. These include: Pfizer, Nestle, GSK and Pernod Ricard.

2. Orbital Innovations develops world leading technologies in gamification, virtual reality, augmented reality and artificial intelligence.

3. Orbital Research supplies the world's first and only peer reviewed, digital research methodology for delivering licensed medicine claims, without costly clinical trials.

Specialisms:
We are a global leader in utilising and innovating digital technologies, to solve societal problems. Key areas of technological focus include artificial intelligence, virtual reality, augmented reality and gamification.

Operating Countries:
We operate in 37 different markets globally. These include Europe, Middle East, Asia and the US.

Outsource International

Stand: 7D70

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Company bio:
Outsource International manages all aspects of global information technology services from Desktop and Network Services through to Smart Technologies and Resourcing. Our Service Portfolio demonstrates our international capabilities and we pride ourselves in providing our clients with smarter, flexible IT solutions globally. We are a trusted teaming partner to industry leaders, supplying professional services using our local engineering teams. Delivering incredible solutions, we provide complete technology services supplying 24/7 global maintenance, installation, infrastructure services and resourcing into 185 countries. We focus on Service Delivery and embrace global projects with incredible commitment and client care, ensuring seamless international support.

Specialisms:
We have an established global footprint and provide the essential technology resources to achieve success on global IT projects. We are able to provide a full range of IT support services into 185 countries with our international infrastructure.

Operating Countries:
Outsource has far reaching and global coverage, and provides services in the following regions: Europe; Asia; Africa; Middle East; North America; South America; and Oceania

Peratech

Stand: 7P96MR

Contact:
Peratech, The Old Repeater Station
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🌐 www.peratech.com
🐦 PeratechHoldco

Company bio:
Peratech is a tactile-sensing solutions company that uses its proprietary technologies and know-how to create compelling user experiences for cost-effective, mass-producible devices and surfaces. Our materials and embedded electronics have enabled our customers to solve form-factor and user-experience challenges in their connected and smart products. Our sensors operate underwater, are immune to electromagnetic interference, and achieve predictable performance in low and high temperatures. We offer a unique combination of attributes that sets us apart from the tactile-sensing technology competition.

Specialisms:
Peratech's sensing technologies are highly customizable and can meet a wide variety of design requirements. They can integrate well with current mobile devices but are also particularly suited to flexible/foldable displays and materials.

Operating Countries:
We have R&D and engineering facilities in the UK and Sweden, and engineering and manufacturing in China. With sales support in China, Korea, Japan, Sweden, the US and the UK, we sell globally.

Pi Communications

Stand: 7B41

Contact:
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🌐 www.picomms.tv
🐦 @PiComms

Company bio:
Pi Comms build, manage and maintain technical networks and broadcast facilities to service modern communication and broadcasting challenges. Media consumption habits are changing and our customers' internal and external audiences consume content on new digital platforms, channels and apps. Pi provide bespoke streaming solutions, media players, and podcast tools. We build automation into your production solutions which drives down running costs. We custom build rich, accessible media libraries and archive solutions. Legacy formats can be digitised and integrated into any solution. Pi Comms transform media assets into subtitled content using ASR and AI. Our core aim is "capturing what matters".

Specialisms:
Pi Comms custom build media asset management tools; players, libraries and archives. We specialise in integrating metadata from disparate sources to ensure your assets are as valuable and accessible as possible. We "capture what matters".

Operating Countries:
Pi Comms operates across the UK and Ireland. We have offices in Belfast, Dublin, Glasgow and Derbyshire.

PixelPin

Stand: 7K34

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🐦 @PixelPin

Company bio:
PixelPin is co-founded by defence experts to help solve the constant security pain point: the password.   The world we live in is becoming increasingly visual, personalised and instantaneous and yet our passwords remain a stagnant cluster of words, numbers, phrases and characters, which we find overly complicated and are always forgetting. With offices in London and Tokyo, PixelPin provides businesses and their customers with a highly secure, personal and engaging way of logging in. By simply choosing a personalised picture and 4 sequential points, PixelPin enables customers to directly engage with your brand through a customisable login journey.

Specialisms:
PixelPin provides a cloud-based login solution which securely removes the need for a password by using a picture and 4 points on a sequence to authenticate its users. It is a highly secure, user-friendly authentication solution that strengthens user engagement.

Operating Countries:
Currently PixelPin operates in the United Kingdom and Taiwan and planning to expand in Europe and Asia

Planet Computers

Stand: 7K40

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🐦 @planetcom2017

Company bio:
Based in London UK, Planet Computers is the mobile handset manufacturer behind the award-winning Gemini PDA and the new Cosmo Communicator. Inspired by the Psion devices of the mid-1990s, Planet Computers reimagined the clamshell form-factor for modern audiences. The company has raised more than $4 million in crowfunding across two products; the origingal Gemini keyboard device and the Cosmo Communicator. Planet has also developed original software for its devices - including the popular Agenda, Notes and Data applications which are available to download from the Google Play store.

Specialisms:
Designing and manufacturing mobile communications hardware with full physical keyboards. Planet helps users become creators as well as consumers of content. The Planet products are great mini computers as well as being mobile phones.

Operating Countries:
Global

PlayerData

Stand: 7B41

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Company bio:
PlayerData operates at the cutting edge of wearable technology. A sports data company, PlayerData has created a service that appeals to the mass market, giving athletes from amateur to professional access to performance enhancing data. Having developed advanced motion sensors and affordable tracking devices, PlayerData can gather technique based data and generate 3D imaging without the use of external cameras alongside a whole host of other data points. With a range of features that can give everyone their preferred data, PlayerData is positioning itself to be a big data leader in consumer sports/health.

Specialisms:
PlayerData is a sports data company, providing specialist data to athletes across all levels. With all hardware and software developed in house, PlayerData provide customers with the full experience.

Operating Countries:
Currently operating in Scotland, PlayerData are gradually expanding across the UK before going international.

Pod Group

Stand: 7N91

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Company bio:
Pod Group is a specialist in connectivity solutions tailored to IoT applications, with 20+ years of experience, research and innovation in mobile connectivity. Pod Group provides enterprises, manufacturers and systems integrators with a complete suite of IoT connectivity technologies to enable them to launch and scale their IoT deployments. Pod Group has offices around the globe, access to 600+ networks in 185 countries and offers expert consultancy and support in multiple languages. Pod's modular platform, Pod IoT Suite, provides centralized connectivity management of global multi-network, multi-IMSI, eUICC and LPWAN solutions combined with IoT security, and a hierarchical billing engine.

Specialisms:
We prioritize human connection, working alongside customers to understand their goals, adapting our platforms and services to suit them. Have a problem, question, need advice? We don't outsource any support - you'll be speaking to one of us.

Operating Countries:
Need international roaming, data in the USA, an IoT application in Africa, an Asian IoT SIM card? Pod has agreements with 600+ networks worldwide in 185 countries and counting. Your device will retain a robust signal even across borders.

pureLiFi

Stand: 7B20

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✉   hello@pureLiFi.com

🌐   www.pureLiFi.com

🐦   @pureLiFi

Company bio:
Imagine every light could connect you to the internet. pureLiFi leads innovation in LiFi: High-speed, networked, wireless, bidirectional & mobile communication using light, whether visible or invisible.

Established in 2012, pureLiFi is a spin-out from the University of Edinburgh, where pioneering research into light communication began in 2008 under Professor Harald Haas, often called the "father of LiFi". Building on that research, Prof Hass and Dr Mostafa Afgahni founded pureLiFi to take LiFi out of the lab and into real world.

Specialisms:
pureLiFi is the global leader in LiFi technology. We are bringing to market the world's first commercial light antennas—the optoelectronic components which make LiFi possible, for all kinds of devices, from industrial to consumer and airplanes to smartphones.

Operating Countries:
pureLiFi operates globally with deployments in more than 23 countries. The company is headquartered in Edinburgh and has business units in the United States and Asia.

Pursuit Marketing

Stand: 7B31

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✉   jon.freeman@pursuitmarketing.co.uk

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🐦   @PursuitMarket

Company bio:
At Pursuit Marketing we help our clients grow...closing more sales, more effectively, more often. We have been successfully delivering campaigns in the Technology and B2B marketspace for over a decade, with exceptional results. At Pursuit, we establish and develop your business's 360 marketing communication strategy to guarantee ROI and drive revenue with a unique, blended approach to demand generation. Pursuit remains the only specialist demand generation agency to provide guarantees around the quality and quantity of our sales leads and appointments for a fixed cost. This ensures each client achieves a tangible result and measurable ROI with every campaign.

Specialisms:
Inspiration, Innovation, Integrity, Transparency, Excellence and Wellness have been at the root of our core values since inception. They are at the heart of everything we do at Pursuit and provide the focus and sense of common purpose.

Operating Countries:
UK, Spain, France, DACH, Benelux, Nordics, Israel, Central Eastern Europe, Middle East, South Africa, North America.

Queen's University Belfast

Stand: 7B41

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🐦 @CWI_QUB

Company bio:
The Centre for Wireless Innovation (Queen's University Belfast) is the UK's largest research, development and exploitation base in physical layer wireless. It ranked 28th in the 2019 Shanghai Ranking's Global Ranking of Academic Subjects (5th in Europe) for Telecoms Engineering. 60 academics, engineers, postdocs and PhD students develop truly disruptive, end-to-end physical layer wireless technologies and techniques to enable the creation of a data-driven, hyper-connected society. Working primarily in the RF through to sub-millimetre wave bands, they create transformative technologies for coverage, data rate, latency, security, connectivity on a massive scale or wireless imaging and sensing, in 5G wireless networks.

Specialisms:
Current research focuses on Wireless Power Transfer, Physical Layer Secure Wireless, EM Sensing, Cell-Free Massive MIMO (6G networks), Nano-Antennas for Wearable and Implantable Medical Devices, flat antennas for Connected & Autonomous Vehicles, Beamformers for mm-Wave (28 GHz, 39 GHz).

Operating Countries:
Our IP is licensed or evaluated in Northern Europe, North America, and some countries in Asia.

Quortus

Stand: 7A11.2

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Company bio:
Quortus is a pioneering UK company changing the mobile communications world by using the best IT principles to create innovative mobile communication software that is easy to deploy, manage and scale. We have created a software defined core network technology platform and a suite of products spanning 3GPP 4G, 3G and GSM standards, in addition to taking the lead with emerging technologies such as Mobile Edge Computing (MEC), private 5G and cellular core network virtualisation. Quortus is headquartered in Camberley, UK, where all of our products are developed.

Specialisms:
Quortus has created a virtualised mobile core and edge software stack that offers resiliance, scalability and economics, with a key focus on connecting solutions within the core and to the edge to offer flexibilty in complex solution and network design.

Operating Countries:
Europe and America Some parts of Asia.

Radio Design

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Company bio:
Radio Design simplifies, and reduces the cost of, RAN deployment. With nearly 500 years of combined leading-edge RF design, development and volume-manufacturing experience, Radio Design's pioneering team offers OEMs, operators and infrastructure companies the easiest, fastest and lowest-cost ways to roll out their networks. Offering an extensive product portfolio, including network-sharing filter combiners, interference mitigation filters, technology-sharing filter combiners and coverage/capacity enhancement solutions, Radio Design works alongside its network operator partners to help them roll out new networks faster, make their existing networks perform better and enable them to run all their networks at the lowest possible cost.

Specialisms:
Radio Design utilises industry-leading talent and experience, entrepreneurial spirit, pioneering engineering skills and professional project/operations management. Our success been founded upon listening closely to customers' detailed requirements and working hand-in-hand with them to develop unique customised technical solutions.

Operating Countries:
UK & Ireland, North America, Europe, India, South East Asia, Africa

Ranplan Wireless

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Company bio:
Ranplan Wireless is an innovative technology company that has developed the world's only solution that can plan, design and optimise multi-layered in-building and outdoor wireless networks in a coordinated manner. Our solutions help enable the telecommunications ecosystem, comprised of traditional and non-traditional stakeholders, to efficiently deploy and optimise the next generation of wireless networks. Ranplan Wireless is a subsidiary of Ranplan Group AB (Nasdaq First North: RPLAN) whose head office is in Stockholm, Sweden.

Specialisms:
We provide state-of-the-art 5G integrated indoor, outdoor and Heterogeneous planning solutions, which enhance network optimisation to reduce CAPEX and OPEX for our global customer base. Through intelligent API's, our cloud-based Collaboration Hub offers high levels of OSS integration.

Operating Countries:
The group operates out of offices in the UK, US and China. We support customers across the Americas, EMEA and APAC regions.

Renovite Technologies

Stand: 7B31

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Company bio:
Renovite's Reno-Cloud payments suite empowers organisations to rapidly energise their payments services – establishing a secure future of sustainable business advantage and aggressive cost reduction. Our proven Transformative Roadmap facilitates a safe, fast and affordable path through change. Renovite's continuous value-delivery pipelines are uniquely tailored to each customer's unique needs, thereby ensuring a safe, fast, and affordable path through change irrespective of their current circumstances

Specialisms:
Renovite is the only provider of fully cloud-native, feature rich, payments solutions. We are specialists in helping organisations accelerate their cloud migration strategies through fast, safe, and affordable change programmes.

Operating Countries:
Our primary markets are banks, payments processors and Telcos in the EMEA and USA. We are highly sought after by organisations wanting to transform the way they do business.

Safepoint

Stand: 7B41

Contact:
The Enterprise Centre
University of East Anglia
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🐦 @safepointapp

Company bio:
Safepoint saves lives.   Imagine you're an engineer, an estate agent, a social care worker, or even a farmer. Something goes wrong, you get attacked by a client, or trapped under machinery. Who knows you're in trouble? Who knows where you are? Who's coming to help? The alarming fact is for the majority of businesses the answer is nobody.   Safepoint is a web and mobile software platform that solves this problem, allowing businesses to ensure the safety of their employees, whilst easily staying compliant with today's health and safety regulations.

Specialisms:
Safepoint provides a completely self-service, cloud-based lone worker safety solution, with pricing transparency and global availability. Safepoint also provides flexible contracts, opening up the market to thousands of businesses that couldn't afford or commit to a safety solution before.

Operating Countries:
Globally available with the majority of clients currently in the UK.

SafeToNet

Stand: 7B27, H2.H100.9

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Company bio:
SafeToNet is a cyber-safety company. It keeps children safe online wherever they are around the world and is fast becoming the globally leading authority in online safeguarding.   The Company has developed pioneering, award winning and patented technology that includes artificial intelligence to tackle key online threats such as cyberbullying, sextortion, grooming, abuse, and aggression. It provides real-time advice and guidance for children and parents alike about online issues as they arise and at the exact time when help is needed the most. The Company has offices in the U.S., Canada, UK and Germany .

Specialisms:
Safeguarding children online from cyberbullying and other online harms. We educate and inform in real time and encourage conversations between parent and child. Our safeguarding product is multi-language, device independent and platform agnostic.

Operating Countries:
The Company has offices in the U.S., Canada, UK and Germany, we address English, German and Spanish speaking markets.

GLOMO award nominee 2020

SamKnows

Stand: 7B41

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✉️ roxanne@samknows.com
🌐 www.samknows.com

Company bio:
SamKnows works alongside governments, ISPs, manufacturers, consumers and academics measuring fixed and mobile broadband to help improve global internet performance. SamKnows is a free resource for consumers and volunteers, who host a purpose-built internet measurement device (either the SamKnows Whitebox, enabled router or mobile application) that runs a suite of performance tests 24/7. Access to internet performance data is provided using SamKnows One - a customizable web based reporting dashboard. The data collected is used by regulators and ISPs to create vibrant digital economies, guide investment, diagnose issues and audit existing data.

Specialisms:
SamKnows specialises in Internet performance measurement. We provide hardware and software to measure both fixed-line and mobile broadband performance. We collect billions of measurements per month on behalf of our clients, which include the worlds largest ISPs and telecoms regulators.

Operating Countries:
SamKnows operates globally, collecting data in North America, South America, Europe, Asia, the Middle East, Australasia and Africa.

Sceenic

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✉️   natalia.higuera@sceenic.co
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Company bio:
Sceenic's Watch Together software solution (SDKs & APIs) allow media companies, broadcasters and telcos to quickly implement interactive co-viewing experiences in their own video and OTT platforms.   Watch Together then allows the end users to watch videos (OTT) together with their friends via video calls, making it a group and personal experience that builds communities. 30 second video: www.youtube.com/watch?v=E2weyJ2qTzI

Specialisms:
Sceenic specialises in enterprise grade and scalable video calling solutions for telcos, media companies and broadcasters that allows them to further increase the ARPU on their OTT and partner OTT services with our Watch Together technology.

Operating Countries:
UK, US, ES, NL

Scottish Development International (SDI)

Stand: 7B31

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🐦   @ScotDevInt

Company bio:
Scotland: A country with a unique blend of innovative research, a highly skilled workforce and a strong focus on economic growth. An excellent business investment location. Scottish Development International (SDI) are hosting leading edge companies from Scotland's technologies sector & providing advice and practical support for companies looking to invest in Scotland. We can help with accessing funding for projects (particularly R&D funding), brokering of research and commercial partnerships and offer advice, business mentoring and access to specialist services.

Specialisms:
Scottish Development International (SDI) is Scotland's economic development agency - specialising in trade and investment.

Operating Countries:
Based in Scotland with offices worldwide.

Sinch UK

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Company bio:
Sinch brings businesses and people closer with tools enabling personal engagement. Its leading cloud communications platform lets businesses reach every mobile phone on the planet, in seconds or less, through mobile messaging, voice and video. Sinch is a trusted software provider to mobile operators, and its platform powers business-critical communications for many of the world's largest companies. Sinch has been profitable and fast-growing since its foundation in 2008. It is headquartered in Stockholm, Sweden, and has a local presence in more than 30 countries. Shares are traded at NASDAQ Stockholm: XSTO: SINCH

Specialisms:
Sinch's cloud communications platform reaches every mobile phone on the planet, in seconds or less, through mobile messaging or voice & video calling

Sky and Space Global

Stand: 7A11.7

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Company bio:
Sky and Space Global Ltd is an ASX listed (SAS) satellite company with European and Israeli centres of Aerospace, Satellite and Software Industry Experts. The Company's core business is to operate a communications infrastructure based on nanosatellite technology and develop highly sophisticated software systems that will deploy, maintain orbit control and handle the communication network in space to provide a global coverage. The Company successfully launched its first three nanosatellites, the '3 Diamonds', into space in June 2017 and is preparing for the launch of a constellation of 200 more nanosatellites by 2021. Sky and Space Global Ltd owns 100% of Sky and Space Global (UK) Limited.

Specialisms:
Providing affordable communication coverage and services to anyone, anywhere, anytime with relatively low maintenance costs will enable SAS to deliver cost-effective communications infrastructure and services to those who need it most and to disrupt the telecommunication industry.

SLA Digital

Stand: 7B41

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Company bio:
SLA Digital provides mobile operators and merchants with carrier billing solutions through our digital services platform. We work with our clients to help them engage with their audience and improve user acquisition and monetisation. Our team of digital experts are headquartered in the UK and Malaysia and have been serving our clients for over 15 years, throughout Europe, the Middle East and Asia.

Specialisms:
We have direct mobile operator connections and we are an independent aggregator; we don't have our own content. Building sustainable revenues are important to us, so we have partnered with third party fraud experts to minimise payment and advertising fraud.

Operating Countries:
We have offices in the UK and Malaysia and we serve customers across Europe, the Middle East and Asia.

SMMT

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Company bio:
The Society of Motor Manufacturers and Traders (SMMT) is one of the largest and most influential trade associations in the UK. Its resources, reputation and unrivalled automotive data place it at the heart of the UK automotive industry. SMMT is the voice of the UK motor industry, supporting and promoting its members' interests, at home and abroad, to government, stakeholders and the media. SMMT represents more than 800 automotive companies in the UK, providing them with a forum to voice their views on issues affecting the sector, helping to guide strategies and build positive relationships with government and regulatory authorities.

Specialisms:
SMMT undertakes a wide variety of activities to support its wide membership base, helping them grow their businesses, become more profitable and improve their sustainability.

Oxford University

Highly skilled talent

With truly international universities and industries, the UK attracts the finest talent from across the world.

This powerful mix of cultures and capabilities contribute to the analytical expertise, innovation and original thinking that have become hallmarks of our technology industry. Starting young, computer coding is now part of the UK curriculum, being taught to children from the age of five.

The UK has

170 universities

and higher education institutes and the most graduates annually in Western Europe

7

The UK has 7 out of 10 best universities in Europe

1. University of Oxford
2. University of Cambridge
3. Imperial College London
4. ETH, Zurich
5. University College London
6. London School of Economics
7. University of Edinburgh
8. LMU, Munich
9. King's College London
10 Ecole Polytechnique Federale de Lausanne

www.timeshighereducation.com/student/bestuniversities/best-universities-europe

Sochitel UK

Stand: 7N91

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Company bio:
Sochitel is a fast-growing, digital distribution platform facilitating supply and distribution of digital services such as virtual airtime, data top-ups and bill payments across borders via a single point API. With a niche in global reselling of airtime top-ups that serve global consumer markets. Our industry-leading solutions assist organisations in offering their customers the products and services they want. We remove the strain of having to maintain numerous supplier relationships with individual providers and ensuring a seamless integration into any new or existing electronic channels for easy deployment and delivery of superior customer experiences.

Specialisms:
Sochitel is a leading distributor of airtime, data, and other digital products, a company with cutting edge, innovative solutions. Sochitel creates positive customer experiences and is dedicated to developing unique, efficient and exceptional solutions for our clients, and their customers.

Software Advisory Service

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Company bio:
Software Advisory Service is Europe's fastest growing technology buyer community, influencing over £4bn worth of European buying decisions in 2018. Widely regarded as an industry thought leader, Software Advisory Service has unique insight and access to buying trends and this data forms the basis of our highly successful, dynamic content and activities.

Specialisms:
Engaging with prospects from a consultative, vendor agnostic stance, ensures the team at Software Advisory can act as trusted advisors to businesses of all sizes and type. We actively partner with over 800 UK IT & Telecom vendors, making professional recommendations.

Operating Countries:
Software Advisory originated in the UK in 2014, and opened a European HQ in 2019 in Malaga to service our European customers across Spain, Benelux, and the Nordics countries.

SpatialBuzz

Stand: 7O94MR

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Company bio:
SpatialBuzz helps mobile operators engage with their customers to make the network better. Enhanced engagement channels for Customers, and Care. Crowdsourced network intelligence for Service Operations Centres. SpatialBuzz combines real-time subjective customer feedback with device radio measurements to help operators find, prioritise, and fix network problems more effectively. All while keeping customers engaged so the network gets better, and is seen to get better. Happier, more trusting customers on a superior network.

Specialisms:
SpatialBuzz helps mobile operators become more transparent about their network to improve customer trust and a more valuable relationship.

Operating Countries:
North America, Europe, Australasia.

StableLogic

Stand: 7B41

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🐦 @stablelogic

Company bio:
StableLogic is a truly independent technology consultancy. We pride ourselves on being able to offer completely impartial advice and support to our clients. Providing services to multinational organisations, StableLogic has an impressive track record of delivering effective solutions to our clients. By offering a comprehensive range of professional, technical and business advice and support, StableLogic is able to cater for a broad range of technology requirements. StableLogic has offices in London, UK and in Boston, MA in the United States. We specialise in complex projects for multinational clients.

Specialisms:
We specialise in mobile, network and contact centre/team collaboration consultancy for large multinationals. Typical projects include auditing, strategy development, procurement (RFP) and project managing deployments. We also specialise in mobile billing and cost auditing.

Operating Countries:
We operate in Europe and North America although many projects are global. We have offices in the UK and USA and local consultants in many other countries across the world.

Strategic Imperatives

Stand: 7A11.9

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Company bio:
Founded in 2006, Strategic Imperatives has grown to become the UK's leading provider of SaaS solutions to telecoms service providers. We are specialists as well as pioneers, always looking to improve and transform how our customers do business. We thrive on creating original solutions that solve real pain points that have plagued service providers for years. We are a team of technologists, pooling our passion and talent to create solutions that shake up the industry. We develop the most scalable and innovative technologies, the most responsive UI frameworks, work with the best UX designers and create an environment that fosters and rewards innovation.

Specialisms:
Our award-winning service monetisation solution, Elevate, challenges how service providers perceive billing and transforms service monetisation into a modern, blazing fast, fully integrated, and extremely flexible cloud-native SaaS solution. Elevate sets new standards in functionality, scalability, usability, and flexibility.

Operating Countries:
Our operations are based in the United Kingdom, but our offering is international. Our multi-currency capabilities have this year seen our customers launching in Australia, Ireland, France, Germany and Italy.

Streamhub

Stand: 7B41

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✉ aki@streamhub.co.uk

🌐 www.streamhub.co.uk

🐦 @streamhubuk

Company bio:
Streamhub is the universal analytics platform to manage video audiences across web, mobile and connected TV. Our mission is to enable data for the online video marketplace, where we provide industry leading SaaS Analytics and Data Activation services for anyone running VOD and OTT businesses - from small startups to entire nations.

Specialisms:
Streamhub's combination of turn-key analytics and DMP is a global first, being the only successful implementation at scale of detailed reporting of ads, content and audience that can integrate both JIC and 1st party data for data activation.

Operating Countries:
Streamhub is headquartered in London, with international supporting teams based in Paris and Tokyo. We are currently bing used by 13 of the largest broadcasters in Japan along with major advertising agencies and the TV/ Video Measurement JIC.

Synamedia

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TW18 4EX United Kingdom

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✉️ MarketingGlobal@synamedia.com

🌐 www.synamedia.com

🐦 @SynamediaVideo

Company bio:
We're helping service providers around the world to deliver, protect, and monetize video content so they can win in the age of Infinite Entertainment. Our video network business unit boasts a portfolio designed to ratchet up the quality and cost effectiveness of live streaming, featuring award winning services such as our virtualized Digital Content Manager, and ATSC 3.0 solutions. We do that with the world's most complete, secure and advanced end-to-end open video delivery solution. And we're trusted by over 200 top satellite DTH, cable, telco and OTT operators, broadcasters, and media companies. Synamedia is backed by the Permira funds and Sky.

Specialisms:
Synamedia provides the world's most complete, secure and advanced end-to-end video delivery solution. With 30 years' expertise, the firm is the largest global provider of video solutions, trusted by over 200 telco, content owners and satellite, cable, OTT operators.

Systems4Silicon

Contact:
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Portishead
BS20 7AN United Kingdom

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✉️ pturner@systems4silicon.com

🌐 www.systems4silicon.com

Company bio:
Systems4Silicon was formed in 2005 by communications systems professionals eager to apply their accumulated experience ranging from advanced research to product design. From a foundation in design services, we developed technology and expanded into a global business with clients around the world. The team combines a process-driven approach to engineering with an ethical business ethos aiming for long-term customer satisfaction. We provide innovative solutions to real world problems within the context of cost, time and technical pressures.

Specialisms:
The provision of technologies that enable power-efficient radio transmission; saving both CAPex and OPex for RF transmitters from 0.1 to 10,000 Watts.

Operating Countries:
Globally.

Technology Supplies International

Stand: 7A11.15

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✉️   damian@techsiltd.com
🌐   www.techsiltd.com

Company bio:
Tech SI is a leading UK distributor of graded and refurbished mobility devices. Centrally located in the UK Midlands and employing a team of over 80 experienced purchasing, sales, technical and logistics professionals we provide a complete logistics, refurbishment, secure data erasure, repair, redistribution and waste recycling service. Our clients include many of the UK's tier one technology retailers, distributors and networks. We serve as a conduit for their trade-in and returned products. Each year we successfully assist them by refurbishing, reselling and (if need be) recycling hundreds of thousands of mobile and consumer electronics devices.

Specialisms:
We're able to process, securely data erase, refurbish and resell large volumes of data bearing consumer electronics quickly and cost effectively.
Mobile phones, tablets, computing products and smart home devices. Whatever your remarketing requirement, we can help.

Operating Countries:
As part of the TES-AMM family of companies, we are where you are: true global coverage in 35+ owned and operated facilities around the world. With facilities worldwide, we give our customers a consistent experience no matter where their assets are.

Telesoft Technologies

Stand: 7B19

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🐦   @Telesoft_Tech

Company bio:
Telesoft provide services and cutting edge technology used by global and national networks to protect their digital assets and data equity at Tbps. We offer capability extending across converged and hybrid networks from 5G telco core and IOT to fixed line to virtual, edge and fog networks. Telesoft support imperatives of cyber security, compliance and network engineering.

Specialisms:
Telesoft provide world-leading services and cutting edge technology for ultra scale networks

Operating Countries:
EMEA, APAC, Americas

The Human Chain

Stand: 7N91

Contact:
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Oxford
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✉   tim.jefferson@thehumanchain.com

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Company bio:
Business and technology consultancy that helps customers understand and develop new products and services to take advantage of new business models, regulatory and technical drivers. Working with mobile network operators, the payment ecosystem players (issuers, acquirers, PSPs and technology providers), the transit ticketing market place and merchants to develop new and innovative solutions. Deep knowledge and expertise in new product development in the mobile, payments and transit ticketing vertical markets. Clients include MNOs, Payment schemes, banks, technology companies and transit operators.

Specialisms:
Deep practical knowledge and expertise in authentication, PSD2 SCA, 3DS and mobile/eComm financial services. Helping organisations develop new innovative products and services.

Operating Countries:
Europe, North America and Far East

The Scotland 5G Centre

Stand: 7B31

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Technology and Innovation Centre, L7-107
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✉   info@scotland5gcentre.org

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🐦   @scot5gcentre

Company bio:
The Scotland 5G Centre has been set up to accelerate the adoption of 5G and realise its economic and societal potential for Scotland. The S5GC has received investment from the Scottish Government and is an innovative partnership between the University of Strathclyde (which hosts us), the University of Glasgow and the Scottish Futures Trust.

Specialisms:
Harnessing the enabling qualities of 5G technology, the Centre is concentrating on a number of key sectors including healthcare, transport, education, public services, agriculture and aquaculture, tourism, gaming, and energy.

Operating Countries:
Located in the Scotland's Glasgow City Innovation District, we are collaborating with businesses, researchers and the public sector across Scotland and beyond to realise the benefits of 5G.

TMT Analysis

Stand: 7A11.14

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Company bio:
TMT Analysis is a specialist mobile numbering intelligence company. Our suite of products provide customers with the fastest and most comprehensive network and numbering data on the market today, used by businesses globally to improve customer interactions, gain useful insight and authenticate users, while reducing costs and improving the quality of their service. With the increasing need for Application to Person (A2P) messaging, two stage authentication and identity management, our data is used millions of times daily to deliver important information quickly and accurately. If you pay per query for mobile routing intelligence, our services will significantly reduce your costs.

Specialisms:
Our superfast query platform identifies the network of mobile customers within 5ms, ensuring the accurate routing of A2P SMS messages. In addition, our Active Number Intelligence service can cleanse mobile numbers held on databases for compliance or effective marketing.

Operating Countries:
TMT Analysis offers a truly global service, offering mobile numbering intelligence in every region of the world.

TrainAsONE

Stand: 7B41

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✉ sean@trainasone.com
🌐 www.trainasone.com
🐦 @TrainAsONE

Company bio:
The company uses data from consumer devices to produce revolutionary cutting edge health and fitness software technologies to manage people's physical and mental well being. Its multi-award-winning product, TrainAsONE, is the very first anticipatory health and fitness application in the world to employ AI, Big Data and machine learning technology. The product's success has led to numerous partnering opportunities with world renowned sports brands and companies, as well as researchers from leading Universities and other organisations regarding Social Prescribing and Exercise on Prescription initiatives.

Specialisms:
Using data collected from consumer devices and wearables, we employ our AI, Big Data and machine learning tools and approaches to extract knowledge and provide personalised insight and guidance on the management of people's health and well being.

Operating Countries:
Global

Transalis

Stand: 7B41

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🌐   www.transalis.com

Company bio:
Since 2002 Transalis have been providing data exchange solutions to some of the largest retail, wholesale and logistics companies worldwide allowing them to transact billions of dollars of trade annually. A leader in optimisation of information and how it flows between businesses, governments and countries we are empowering SME and Enterprise businesses to exploit the benefits of digital trading.

Specialisms:
Transalis's information exchange platform facilitates the trade of goods worldwide. We make the complex simple. And keeping things simple saves our clients time, money and a competitive advantage.

Operating Countries:
EMEA, APAC and North America

Truphone

Stand: 6H21

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🐦   @Truphone

Company bio:
Truphone has been championing digital mobility and customer choice for over a decade. Everything we do is to engineer smarter, more seamless connections between things, people and businesses around the globe. And that's why we keep inventing. We created a truly global mobile and data network. We built our own software to fully digitise cellular connectivity—at a speed and specificity that is blowing past the rest of the industry. That technology is now changing the way the whole industry works—from mobile operators to device makers and chip manufacturers.

Specialisms:
Together with our global network, Truphone has built software to improve connections across the supply chain. As a connected technology innovator, we support operators, device makers and chip manufacturers with our GSMA-certified SIM technology.

Operating Countries:
Headquartered in London, Truphone has 15 offices across four continents and continues to expand globally. Our network guarantees secure connections in over 100 countries worldwide and our customers rely on us in Europe, the United States and Australasia.

u-blox UK

Stand: **2C3MR, 2C5MR, 2C7MR**

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🌐 www.u-blox.com

🐦 @ublox

Company bio:
u-blox (SIX:UBXN) is a global provider of leading positioning and wireless communication technologies for the automotive, industrial, and consumer markets. Their solutions let people, vehicles, and machines determine their precise position and communicate wirelessly over cellular and short range networks. With a broad portfolio of chips, modules, and a growing ecosystem of product supporting data services, u_blox is uniquely positioned to empower its customers to develop innovative solutions for the Internet of Things, quickly and cost-effectively. With headquarters in Thalwil, Switzerland, the company is globally present with offices in Europe, Asia, and the USA.

Specialisms:
At u-blox, we design and develop essential technologies that deliver precise position information and wireless connectivity for smart devices connected to the internet. We deliver leading wireless technology to reliably locate and connect people and devices

Universal Smart Cards

Stand: **7B41**

Contact:
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Accrington
BB5 2AL United Kingdom

📞 +44 (0)7903 765 999

✉ paulmay@usmartcards.com

🌐 www.usmartcards.com

Company bio:
Universal Smart Cards is a market leader in the manufacture, supply and deployment of smart cards and related smart products. We offer clients a vast array of smart cards, card readers, card printers and contactless payment wearables. Universal Smart Cards offers a 'one stop shop' for smart products. Experts in implementation of smart cards for applications including; corporate ID, IT login and physical access, cashless payments, print management, loyalty and membership, time and attendance asset tracking and smart ticketing for transport. End customers include Formula 1, Premier League football clubs, blue chip retailers and Transport for London

Specialisms:
Universal has developed its Smart Pay product which easily adds contactless payment capability to wearables and everyday objects like coffee-cups. From design and manufacture to secure issuance.

Operating Countries:
UK, Europe, North America, Middle East, Australia

University of the West of Scotland (UWS)

Stand: 7B31

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Company bio:
The 5G Hub at UWS is a major 5G technology provider in Europe and UK, having technically led large-scale flagship EU 5G Phase 1 and Phase 2 projects, in collaboration with various 5G stakeholders and vertical businesses. The main expertise is 5G network control and management especially autonomous network management, network slicing, automation of network infrastructure and services deployment, self-protection against DDoS, adaptation of video streaming applications, machine learning for object recognition etc. The two major EU funded projects are SELFNET (https://selfnet-5g.eu) and SliceNet (https://slicenet.eu). UWS's recent work with Police Scotland is reported by BBC.

Specialisms:
5G autonomous network management, network slicing, automation of network infrastructure and services deployment, self-protection against DDoS, adaptation of video streaming, machine learning for object recognition, UAV, IoT

Operating Countries:
The 5G Hub at UWS has established close collaboration with a number of leading European and UK industries and stakeholders in 5G and related areas. The primary market is thus Europe and UK, although the global market is also interested.

Unmanned Life

Stand: 7B41

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✉️ patricia@unmanned.life
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Company bio:
Unmanned Life is the global multi-award winning AI for Autonomy SAAS Platform enabling industries to be fully autonomous, deploying Autonomy-as-a-Service for Industry 4.0 over 5G, across major verticals like Supply Chain Logistics, Telco, Smart Cities and Manufacturing.

Unmanned Life is a hardware and network agnostic platform deploying swarms of different types working together collaboratively increasing efficiency, scalability and safety while reducing operational costs and installation time.

The management and control of autonomous robotic fleets is via a single management interface.

Specialisms:
Provisioning and management of on-demand, scalable, flexible and agile autonomous workforces, composed of swarms / fleets of different types of drones, robots and IoT devices working together seamlessly.

Upgrade Pack

Stand: 7B31

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🐦 @upgradepack

Company bio:
Upgrade Pack is a market-first platform that provides access to exclusive, discounted flight and hotel upgrades. Our users, who access Upgrade Pack through their participating bank or employer, are able to secure highly valuable travel upgrades at competitive discounts 24/7. As a loyalty solution, our banking clients can offer a truly innovative form of reward to retain and attract high-value customers. For employers we provide a modern, 'feel good' employee benefit that helps achieve greater employee wellbeing and work-life balance.

Specialisms:
Upgrade Pack is the world's only platform dedicated to providing exclusive, discounted upgrades on flights and hotels.

Operating Countries:
Global

Usha Martin Technologies

Stand: 7B23

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🌐 www.ushamartintech.com

🐦 @UshaMartinTech

Company bio:
Usha Martin Technologies (UMT) is a leading global technology services company, headquartered in London-UK. UMT is CMMI-L3 & ISO 9001:2015 certified with multiple global engagements spread across 11 countries. UMT is a pioneer in building solutions around Telco industry & one of the first companies to productize its solution. Known for its Telecom Billing solutions, UMT has wide experience in delivering finest OSS/BSS solutions in Subscription Management, Revenue Management, Digital-Commerce, Migration & Integration Service, Communication Management, Orchestration and Customer Journey Management on-cloud and on-premise. For 20+ years, UMT has been providing unmatched services to clients, which are uniquely-tailored, cost-effective and holistic.

Specialisms:
Subscription Billing Services, Integration & Orchestration Services, Customer Communication Management, Data Migration Services, Mediation & Provisioning (Telco), Interconnect & Partner Settlement. UMT caters to end-to-end order to cash functionality for Telco's and other Subscription Services.

Operating Countries:
Tier 2, Tier 3 Players in Telco, Banking & Finance and Insurance in the regions of United States of America, Europe, Asia Pacific and Middle East & Africa.

Veea Systems

Stand: 7G41

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✉ david.rose@veea.com
🌐 www.veea.com
🐦 @VeeaHQ

Company bio:
Veea enables an intelligently connected world with an 'edge-as-a-service' platform and wireless network infrastructure for deploying commercial IoT solutions such as smart buildings, smart cities, and smart retail. Our intelligent edge gateway, the VeeaHub, provides flexible wireless connectivity and a powerful containerized computing platform in a single device. The Veea dashboard enables remote management and configuration of gateways, as well as remote monitoring and orchestration of applications developed using the VeeaHub Toolkit. The VeeaHub simplifies large-scale IoT deployments and enables IoT project teams to deliver value to stakeholders while reducing time-to-market, total cost of ownership, complexity, and risk.

Specialisms:
Veea is providing a unique combination of highly integrated connectivity and communications platforms incorporating computing capabilities that will allow applications that are deployed at the Edge to enhance 5G services that use AI and ML techniques to increase performance.

Operating Countries:
Americas, Asia, China, Europe & Middle East.

Verimatrix UK

Stand: 7B31

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✉ nmichie@verimatrix.com
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Company bio:
Verimatrix protect our customers' most valuable digital assets and provide actionable business intelligence to enable success. We are a trusted business partner providing software security and business intelligence solutions that protect content, devices, applications and communications across multiple markets. Many of the world's largest service providers trust Verimatrix to protect systems that people depend on every day. With the launch of ProtectMyApp (TM), we enable our proven code protection technology to be applied using our super easy, zero-code cloud service.

Specialisms:
Code/app protection to thwart reverse engineering of mobile apps. This protects IP, back-end systems and sensitive customer data. Our differentiator is proven security that is easy to apply.

Operating Countries:
Globally: North America, Latin America, across Europe and Asia Pacific.

Viewing Online

Stand: 7B41

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Company bio:
Viewing is a pre-seed startup developing proprietary Layers & Zones technology to monetize real world locations in new ways. The platform is ideal for Tourism, regenerating High Streets and collecting brand new data sets on a micro & macro scale as a first use case. However, we're only just discovering the technology's true potential regarding new security factors for payments & communications. We're also exploring Zone to Zone transfer of data to potentially bypass servers. There are also potential applications around smart glass usage. Viewing has the potential to become the foundation of the future with the right expertise.

Specialisms:
Geo Technology. Augmented Reality. Standardised Virtual Reality (360 Video Experiences). Advertising & Commissions. New forms of Mass Data. We believe we're first to apply Geo Technology in these scalable ways and there's a whole (2nd) world out there to cover.

Operating Countries:
Currently the UK but exploring international markets.

WaveOptics

Stand: 1C3MR

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✉️ s.smith@enhancedworld.com
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🐦 @Wave_Optics

Company bio:
WaveOptics unlocks the possibilities of augmented reality (AR) for the mass market. Our waveguides and projectors are the key components in AR wearable devices and smart glasses. Founded by AR experts in 2014, we are determined to make AR the next must-have technology. Our patented diffractive waveguide technology is readily customisable to help businesses from any industry meet the demands of any customer. Our technology was designed from the outset with mass manufacturing in mind, enabling efficient processes at low cost.

Specialisms:
WaveOptics uniquely combines technical innovation and know how, with real-world augmented reality (AR) experience, to create waveguides and projectors for AR wearables. Our technology creates clear crisp imagery, that can be customised and manufactured affordably, unlike anyone else.

Operating Countries:
Our HQ is in the UK. We have offices in China, Taiwan, USA and Austria to support our growing international customer base.

Zeetta Networks

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🐦 @ZeettaNetworks

Company bio:
Zeetta Networks is a network automation company that delivers digital transformation with intelligence and automation. Zeetta Networks developed NetOS®, it's network control and management platform for enterprises and managed service providers (MSPs) in 2016 and the enterprise version, NetOS Enterprise™, was deployed in Bristol's Ashton Gate Stadium in 2018. Last year Zeetta Networks launched its temporary or deployable network solution, NetOS Rapide™. Zeetta Networks was actively involved in the UK Government's DCMS Trials and Testbeds programme where it delivered 5G network slicing. In 2019 Zeetta Networks was recognised as a "Gartner Cool Vendor" for Communications Service Provider Network Operations.

Specialisms:
Zeetta Networks is an intelligent network automation company with a unique service-centric approach to intent-based networking using Service Orchestration, Analytics and Automation to provide network visualisation, control and management for enterprises and managed service providers. This drives 20-30% operational savings.

Operating Countries:
Zeetta Networks is currently active in the UK with some business in Germany, France and Italy. In 2020 the company expects to expand its geographical coverage across Europe and potentially in North America by year-end.

Zinwave

Stand: 2C9MR

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Company bio:
Zinwave is a technology company providing enterprise customers with equipment enabling business-essential in-building wireless services including cellular, public safety, and two-way radio connectivity. Zinwave's patented wideband solution drives optical fiber cabling to the network edge to deliver full spectrum support on a single hardware layer. Zinwave's innovative approach uses only five components to create the most flexibility, the lowest total cost of ownership in the industry, and a network infrastructure ready for the next generation of wireless technology. Fortune 100 corporate campuses, data centers, universities, and an array of signature properties worldwide trust Zinwave to provide robust, reliable, and affordable connectivity.

Specialisms:
In-building wireless connectivity supporting 2G/3G/4G/5G commercial cellular, public safety, two-way radio, and private LTE implementation over a fiber to the edge architecture.

Operating Countries:
US, Eastern/Western Europe, Middle East, Asia Pacific

Zumo

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🐦 @Zumopay

Company bio:
Zumo is normalising cryptocurrency.   Our mobile app allows users to hold, send and receive cryptocurrency in a simple and secure way.   Our ZumoPay payment gateway allows organisations to cater for the cryptocurrency generation. Our exchange means the company receives the payment in € or £ whilst the user pays in crypto.   Our ZumoKit solution allows organisations to embed secure, white labeled cryptocurrency wallet infrastructure into their solutions with a few lines of code. There are over 60m people holding cryptocurrency - our aim is to help them make more of it on a daily basis.

Specialisms:
The combination of the ZumoApp, ZumoPay and ZumoKit means that Zumo can really start to enable mass adoption and regular use of cryptocurrencies. Our dedicated and experienced legal team are following all regulatory and compliance requirements and recommendations.

Operating Countries:
We are global for crypto to crypto transactions and currently bound to £ and € for the exchange. More currencies to come in the near future.

Global Entrepreneur Programme

Global Entrepreneur Programme (GEP) is the UK government's flagship programme that empowers internationally mobile entrepreneurs and enables them to internationalise from a UK global HQ.

GEP leverages the UK's world-class ecosystem to provide global entrepreneurs with access to capital, talent, markets, and guidance.

Over
£1bn
Equity investment raised by GEP companies

1000
Mobile entrpreneurs relocated to the UK since 2004

1000
High value jobs created by GEP companies

350
Companies set up their global HQs in the UK in the last 4 years

- The GEP utilises the networks and insight of a team of successful entrepreneurs known as 'dealmakers'
- The dealmakers leverage their expertise and networks to support entrepreneurial talent with the potential for rapid growth.
- Dealmakers are entrepreneurs and business people in their own right, who have extensive experience founding, building and exiting technology companies

5G Testbeds and Trials Programme

The UK is committed to providing the world-class digital infrastructure it needs to compete and grow in the modern economy.

The 5G Testbeds and Trials Programme was set up as a centre of excellence in 2017 with £200m committed to running projects across the UK to deploy new wireless infrastructure and test 5G technology.

UK5G

UK5G is the national innovation network dedicated to the promotion of research, collaboration and the industrial application of 5G in the UK.

Its mission is to ensure that the UK is at the forefront of global 5G development.

- **2412 registered members and 1097 organisations**

- **There are well over 300 5G articles on the site and 200 5G resources**

www.uk5g.org

Salmon Farm
Orkney Islands

5G RuralFirst

The 5G RuralFirst testbed as part of the UK's 5G Testbeds and Trials Programme delivered trials to exploit 5G benefits for rural communities and industries like agriculture to address challenges and build business cases for 5G rural deployment. Pictured is the Aquaculture Health Monitoring use case.

Salmon exports are a vital contributor to both Orkney and the UK's economy. Keeping the salmon healthy is paramount. Sensors deployed at farms around the archipelago allow staff to measure pH, oxygen, salinity, and temperature levels from remote locations - and keep a close eye on the wellbeing of their stock around the clock.

AdTonos

Stand: H2.H100.6

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Company bio:
AdTech company, the creator of AdTonos - all-in-one solution for programmatic and an end-to-end platform for advertisers and a SaaS solution for broadcasters. AdTonos' market breakthrough is the innovative mechanism of real-time ad break replacement. The company also created innovative technology for broadcasting interactive radio ads via smart speakers, which means people can now interact with ads while they're listening to the radio. The platform offers advertisers a massive reach in the most dynamic audio markets, including smart speakers, music streaming, podcasting, and online radio, providing them with next-generation tracking and performance analysis tools for all audio marketing activities.

Specialisms:
AdTonos offers an excellent opportunity to deliver highly-engaging advertising experiences, enables deep personalization of audio campaigns based on real-time data (weather, location, time, device type, interests, shopping intent, brand exposure, or custom segments), listening history (remarketing) and measures the conversion.

Operating Countries:
AdTonos operates from London but enables the advertisers to launch a campaign directly and reach the global audio inventory through Triton and integrated DSP platforms: The TradeDesk, MediaMath, AppNexus, Adform, RTBiQ, DynAdmic, Acuity, Xaxis, and Google D&V 360.

Dexon Software

Stand: H2.H100.5

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Company bio:
Dexon Software is a manufacturer of business process digitalization tools. Our software allows companies to model, simulate and optimize the whole enterprise architecture, including structure, data model, information systems, business processes and people, in order to automate their business processes Dexon BPM automates work and data flows, integrating existing information systems and people, also meets the highest standards of information security, including PCI-DSS (for the banking industry) and DoD (for the defence sector).

Specialisms:
We have eliminated the human effort to implement a BPM project, our client goes direct from the model to the fully functional implementation with a single click. Dexon BPM allows end-users, by themselves, to automate business processes in few hours.

Operating Countries:
We have offices in London, Mexico City and Bogota. We sell at USA, LATAM and Europe

Docuten

Stand: H2.H100.8

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🌐 www.docuten.com

🐦 @docuten

Company bio:
Docuten helps solve one of the biggest business and regulatory challenges for some of the largest multinational brands and household names in the world in over 90 countries by accelerating their back-office' digital transformation with our SaaS suite of electronic signatures, electronic invoicing, and SEPA debit management. We also have a robust API and close relationships with ERP companies like Microsoft, SAP, Sage, etc. Our sweet spot is in connecting the dots for your company to validate contracts, automate invoicing and payments, all while complying with the strictest European standards and regulations.

Specialisms:
Our strongest verticals are: Fashion Retail, Temporary Staffing Agencies, Telco, and Infrastructure. Clients include: Desigual, Louis Vuitton, Misako, Estrella Galicia, TOD's, Wolters Kluwer, Orange Spain, and JazzTel, among others.

Operating Countries:
We operate in Spain, Portugal, and the UK while our clients use our solutions in over 80 countries.

F(x)tec

Stand: H2.H100.3

Contact:
2 Stone Buildings
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✉️ adrian@fxtec.com

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Company bio:
F(x)tec creates functional technology that does more. Established in 2018, we are a London based smartphone brand focused on delivering exceptional products that help users achieve more. Our first product, the Pro1 is more than just a smartphone, it gives you the functionality beyond a regular device. Made from premium materials, the Pro1 is the embodiment of form and function. We want to enhance user's productive potential through features including a physical keyboard which allows for split screen multitasking, so you can work on a document/email on one window whilst watching your favourite series on the other.

Specialisms:
Functional smartphones, including premium high end keyboard smartphones

Operating Countries:
USA, UK, Japan

MojoReporter - Publisher's Toolbox

Stand: H2.H100.10

Contact:
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✉️ richard.cheary@publisherstoolbox.co.uk

🌐 www.publisherstoolbox.co.uk/mojoreporter

🐦 @MojoReporter

Company bio:
MojoReporter is a mobile media production platform for storytellers, publishers, broadcasters and brands who dare to be different. The MojoReporter platform provides a simplified and collaborative way for individuals and teams to store, manage and share digital media, allowing content creators to create digital packages of photos, videos, audio files and GPS locations within the MojoReporter mobile app and store in a secure web dashboard for further sharing and collaboration. MojoReporter forms part of the greater Publisher's Toolbox collection of digital products and platforms, allowing organisations to execute their content strategy around a scalable, sustainable digital content ecosystem.

Specialisms:
Ultimate media collection platform, making media available to brands and media agencies for live and on-demand video streaming, AI recommendation services and augmented reality campaigns. Perfect way to standardise, centralise and coordinate brand ambassadors, influencers and digital media IP contributions.

Operating Countries:
MojoReporter, along with all other Publisher's Toolbox suite of complementary products, is a borderless end-consumer online global mobile media production platform. MojoReporter enjoys business relationships in the UK and Africa and can operate across multiple verticals and markets.

SafeToNet

Stand: H2.H100.9, 7B27

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✉️ spursey@safetonet.com

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Company bio:
SafeToNet is a cyber-safety company. It keeps children safe online wherever they are around the world and is fast becoming the globally leading authority in online safeguarding. The Company has developed pioneering, award winning and patented technology that includes artificial intelligence to tackle key online threats such as cyberbullying, sextortion, grooming, abuse, and aggression. It provides real-time advice and guidance for children and parents alike about online issues as they arise and at the exact time when help is needed the most. The Company has offices in the U.S., Canada, UK and Germany .

Specialisms:
Safeguarding children online from cyberbullying and other online harms. We educate and inform in real time and encourage conversations between parent and child. Our safeguarding product is multi-language, device independent and platform agnostic.

Operating Countries:
The Company has offices in the U.S., Canada, UK and Germany, we address English, German and Spanish speaking markets.

GLOMO award nominee 2020

Speech Graphics

Stand: H2.H.100.1

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📞 +44 (0)1312 902 157
✉️ info@speech-graphics.com
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🐦 @speechgraphics

Company bio:
Speech Graphics' goal is to visualise the voice of every AI and every person in the world. Using deep learning based speech analysis honed by delivering critical technology to the most quality focused clients in the digital entertainment industry, Speech Graphics takes conversation, whether delivered by human or AI, to create a highly emotional, graphical avatar in real time, putting a face to the voice of intelligent virtual assistants. This SaaS platform will make it straightforward for developers to implement engaging conversational AI solutions across a wide spectrum of verticals, allowing businesses to offer their own emotionally aware digital assistant.

Specialisms:
Speech Graphics' unique intellectual property in machine learning, speech technology and computer graphics as well as a management team that understands how to produce enjoyable and emotionally engaging experiences give it a true edge in the virtual assistant space.

Operating Countries:
We currently operate in the US, Asia, and Europe. Our majority of clients are located on the West Coast of the United States.

WeWALK

Stand: H2.H.100.4

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Company bio:
WeWALK is a revolutionary smart cane and mobile platform developed to improve the mobility of the visually impaired, allowing them full and equal participation in everyday life. WeWALK's ergonomic attachment fits on top of any white cane and contains sensors for upper-body obstacle detection via haptic feedback, as well as a touchpad, microphone and speaker. The cane pairs with a dedicated mobile application to allow for seamless outdoor navigation, Alexa voice commands, and hands-free control of the user's mobile device, straight from the cane. WeWALK's open platform allows for limitless potential, including smart-city and AI integrations.

Specialisms:
By leveraging cutting edge tech and AI, we create revolutionary assistive tools, such as the WeWALK Smart Cane, to better the participation of visually impaired people in society.

Operating Countries:
UK, Turkey, US, EU, Brasil

White Label Loyalty

Stand: H2.H.100.2

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Company bio:
White Label Loyalty offer unique digital loyalty solutions to businesses wanting to create their very own branded digital loyalty app & integrated solution. Providing not only tailored digital loyalty, but also a powerful engagement & retention engine that has been tested and proven to increase customer retention by 15% or more. We have created a cloud-based loyalty platform that empowers businesses to increase their revenue by understanding, engaging and retaining their customers. Our flexible API and SDK based approach makes it easy to seamlessly integrate loyalty into your existing systems and applications.

Specialisms:
We have a unique approach to customer loyalty which uses the power of big data, artificial intelligence and machine learning to predict customer behaviour and pro-actively engage with customers.

Operating Countries:
Our clients are based all over the world. Our largest clients operate within the UK, EMEA and APAC markets.

51Degrees

51Degrees takes digital marketing beyond responsive web design for OpenText

OpenText knows that when it comes to web conversion, Responsive Web Design (RWD) is not a complete solution. Device detection is needed for granular analytics, previewing and targeted optimization. OpenText chose 51Degrees to ensure their TeamSite digital marketing solution exceeded sophisticated customer demands. Device detection is a crucial component of any modern technology platform, and can be used to:

• Optimise UX through improved data entry interfaces, improving drop out and conversion rates;

• Improve page load time by optimizing web pages within the WCM platform, improving UX and SEO rankings.

• Enhance analytics beyond the basics by adding dimensions such as physical screen size, device age, price, and supported features.

• Enable granular web design through understanding user interactions.

Replacing a technology vendor is a daunting task for any business. 51Degrees made the process easy for OpenText. Their TeamSite platform is now well positioned to achieve customer benefits beyond conversion rate optimization.

Guy Hellier, Vice President, Product Management Engineering says *"Queries were responded to in a very timely manner, often with extra suggestions or other useful information."*

AdTonos
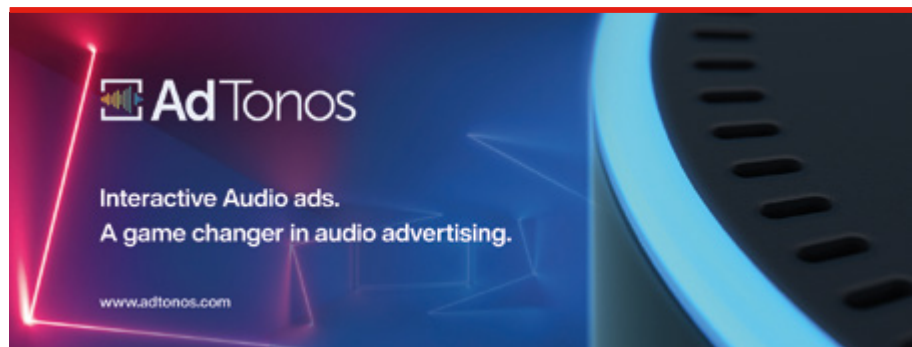
Meet Yours Truly, first-ever radio interactive ads.

The AdTonos platform has developed its own leading-edge technology based on AI that allows serving interactive radio ads on smart speakers. For the first time in history, the listener can interact with a radio ad. Dialogue advertising interactions prompt the customer to perform various actions related to the advertised product, like: book a test drive, buy tickets, book a vacation, add the selected product to an online shopping cart. What can interactive ads can look like on the Alexa smart speaker? "The BMW 5 series now with the sheer advantage. Experience it at your preferred authorised dealer today." Alexa: "To book a test drive at the nearest BMW dealer, say: Alexa! Book test drive, and your preferred time of day." Listener: "Alexa! Book

test drive, Wednesday afternoon" Alexa: 'There are slots available at 3:40 and 5:40 pm." Listeners: "I prefer 5:40 pm" Alexa: OK. I'm sending you a confirmation email."

Michal Marcinik, Founder and CEO of AdTonos, says *"Our solution will be a real game-changer in audio marketing. Now advertisers can run audio CPA campaigns through renowned radio network brands. Our goal was to make the voice-ad interaction as natural as it can be, and we've achieved it."*

AttoCore

AttoCore LTE Enhanced Packet Core Software And UK Emergency Services

Excelerate is the global market leader in the end to end supply and integration of resilient communications solutions, designed by Excelerate to perform in the most challenging environments, where fast deployment is essential. Excelerate's requirement was for a means of providing guaranteed LTE coverage at emergency sites, without relying upon the radio access networks of the commercial mobile operators. With access to LTE capable spectrum, Excelerate designed a portable field deployable solution, which could be deployed within a vehicle, transported to and operated at the site of an emergency, either within the vehicle itself, or carried and used outside the vehicle by an emergency responder.

The solution was created by combining the small cell expertise of cellXica with an AttoEPC Enhanced Packet Core solution from AttoCore. Compact, flexible, scalable and cost effective, AttoCore's AttoEPC is the ideal solution for field deployable network requirements.

David Neil, AttoCore Chief Technology Officer, commented: *"Reliable communications are essential to the delivery of emergency services. We are delighted to provide Excelerate Technology with a flexible and agile LTE communications solution as a component of a mission critical communications solution for Emergency Services, incorporating AttoEPC LTE core software."*

AudioTelligence

Far Field Voice Control for Smart TVs in Noisy Environments

We recently completed the implementation of our software IP running on ARM to provide far field voice support to control smart TVs in noisy environments. The implementation includes our leading Acoustic Echo Cancellation which eliminates the sounds coming from the TV to enable 'barge-in' even at the loudest volumes, and our class-leading Blind Source Separation extracts the source of interest from other background sounds to deliver reliable command and speech recognition.

Our technology delivers significant improvement over other solutions for a host of other speech-driven consumer products such as smart speakers and sound-bars.

Ken Roberts, CEO said: *"Our client's voice controlled TV worked well in a quiet room. But in noisy real life situations it had difficulty interpreting instructions. Our technology solved that problem."*

Avanti Communications

Extending EE's 4G network

To keep up with the ever increasing demand, EE required a "carrier grade" Cellular Backhaul service, capable of meeting stringent security controls and extensive reach of the UK, whilst maintaining Quality of Service. The network needed to provide full coverage, even in rural areas, support rapid deployment and be highly resilient and reliable.

EE partnered with Avanti Communications to provide Satellite Backhaul and backhaul backup to over 1,000 fixed and mobile base stations across the UK. Avanti delivers bespoke Managed Services for Mobile Network Operators, such as EE, large enterprises and governments who require tailored satellite solutions.

Blackbelt Smartphone Defence

The reliable partners when it comes to up scaling your business

In 2018 Blackbelt were asked to participate in a RFP for a 3PL spread across the globe, in offering Blackbelt's proprietary Datawipe and Analyst mobile testing solutions. The Blackbelt team completed highly complex; multi document RFP, winning several rounds of evaluation, eventually being invited onsite to prove the solutions in a bake off against other well recognised competitors. The Blackbelt solution out performed the other contenders and they where requested to complete a second week of testing and training with operators. With the success on site A, the Blackbelt team where sent to the other side of the globe, to participate in another evaluation, again proving that they had the ability and agility to perform on a global scale. Blackbelt eventually won the global RFP and are now the global preferred vendor. Since winning the RFP, Blackbelt's relationship with the vendor has strengthened and given them the ability to strategically employ people across the globe to service there global reach of clients.

Harby Garchay, Director, says *"We believe that our software and the people in our organisation have allowed us to become highly recognised within our industry. We have proven ourselves to be able to participate on a global scale, with high quality innovative software we have processed in excess of 10million devices in multiple territories"*

Bubbl
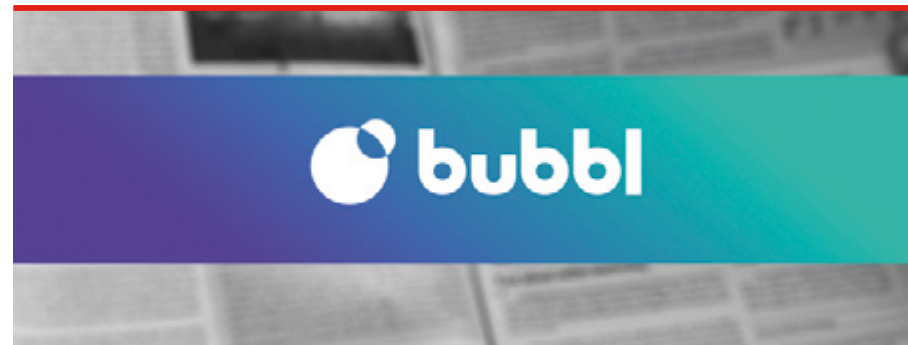
Bubbl - How to save mobile marketing from itself.

In 2017, after years of frustration at the state of the digital marketing landscape and the harvesting of millions of people's private data, Jo Eckersley formed Bubbl to create a tech solution that would eradicate the dubious practices that had become standard in the industry.   Bubbl's aim was to enable app owners to improve their offering, by engaging their audiences with location/time sensitive content that was actually useful and/or entertaining - not just "buy this."   Going through an 18 month R&D period, Bubbl tech materialised as a multifunctional, intuitive app plug-in that integrates seamlessly into Android and iOS apps. App owners have their own login to a personalised, branded dashboard which allows them to upload content, create geofences, set campaign lengths and analyse campaign effectiveness. Marketers can send video, audio, image, surveys and push notifications to their audience, with deep links attached.

"Bubbl's tech is led by our desire to get away from data mining, invasions of privacy and mindless marketing. We empower companies to transform their apps with digital tools their users want to use more than once."

Jo Eckersley, CEO

CableFree: Wireless Excellence

CableFree high speed links for Vodafone

CableFree MIMO radios are used extensively by Vodafone Egypt for "Last Mile" connections to corporate customers providing 100Mbps dedicated "Leased Line Services" using wireless Point to Point links. Wireless is used in preference to Cable and Fibre Optic links which are slow to install, expensive and disruptive. The Wireless links are mission critical and carry all data services required to each corporate end user. Installed and maintained by the CableFree partner in Egypt for full "Turnkey" operation. Over 100 links deployed.

"We worked closely with the CableFree team to design & deliver a technically excellent wireless solution for Vodafone. The customer is delighted with the result, and expanding coverage"

General Manager, local integration Partner.

Cambium Networks

Eurona Ireland deployed PMP 450M to provide high speed connectivity

The PMP 450M AP with cnMedusa technology slotted perfectly into our existing network. Because we have evolved with Cambium equipment over the past 10 years, cnMedusa was the next natural step for us. Being able to use exiting PMP 450 subscriber modules meant a saving and ease of integration." Customers were immediately pleased with the results. As a result, Eurona IRL now offers new subscription packages on the PMP 450M ranging from 15 Mbps to 50 Mbps, and customers are taking the higher performance packages. "Many customers are using multiple applications at the same time such as Netflix, YouTube, Facebook, IPTV," said Wilson. Business and residential customers in Longford now have the latest wireless broadband technology.

People can now stream videos, upload and download data at high speed. This is great news for the people of Longford and surrounding counties and rural communities beyond the reach of fiber technology.

Barry Wilson, Country Manager, Eurona Ireland said *"Prior to installation of the PMP 450m, customers were limited to 8-10 Mbps packages. We can now with confidence provide up to 50 Mbps speeds to customers."*

Cambridge Broadband Networks

CBNL deploys Fixed Wireless Access for CenturyLink in South America

Cambridge Broadband Networks (CBNL) has signed an agreement with global technology provider, CenturyLink, to extend the reach of the network service provider's fibre-rich world-wide footprint and to make their robust portfolio of network services and managed solutions available to businesses across South America. CBNL is deploying a carrier-grade, 10.5GHz, Fixed Wireless Access (FWA) network to provide last-mile connectivity for CenturyLink's core network, serving hundreds of businesses in Peru, Argentina, Ecuador and Venezuela. CenturyLink has one of the world's most powerful networks with approximately 450,000 miles of fibre deployed globally and more than 150,000 fibre-enabled on-net buildings. The service provider

has previously used point-to-point (PTP) fixed wireless links to bring additional customer on-net. CBNL is replacing this PTP architecture, which is expensive to scale and maintain, with its powerful and cost-effective point-to-multipoint (PMP) FWA infrastructure using high-capacity millimetre wave (mmWave) spectrum.

Andrés Cáceres, Director of Network Engineering and Architecture, CenturyLink, said: *"CBNL's PMP architecture has allowed us to streamline the network and minimise its visual impact by freeing up space on saturated city towers. This boosts our efficiency, enabling us to reduce costs and overall power consumption."*

Cambridge Communication Systems

Wireless Access gigabit broadband in London's Soho

CCS's Metnet 60G 12Gbps unlicensed mmWave backhaul and access system is powering a flagship gigabit broadband service just launched in London's Soho – delivering speeds of up to 1Gbps. The Fixed Wireless Access solution – deployed by next-generation wireless Infrastructure-as-a-Service provider Ontix with CCS's mmWave 60G nodes providing ultra-high performance connectivity – is now live and delivering ultra-fast connectivity to a key urban hotspot in Soho's Berwick Street market.

Antony Tomlinson, Chief Executive, Ontix said *"We are incredibly excited to be rolling out gigabit broadband, connecting areas where fibre has been economically challenging, and ending the frustration of underserved customers. Our FWA solution offers an unmatched solution for quickly, easily and cost-effectively meeting pent-up consumer demand for lightning-fast, gigabit service."*

CENSIS
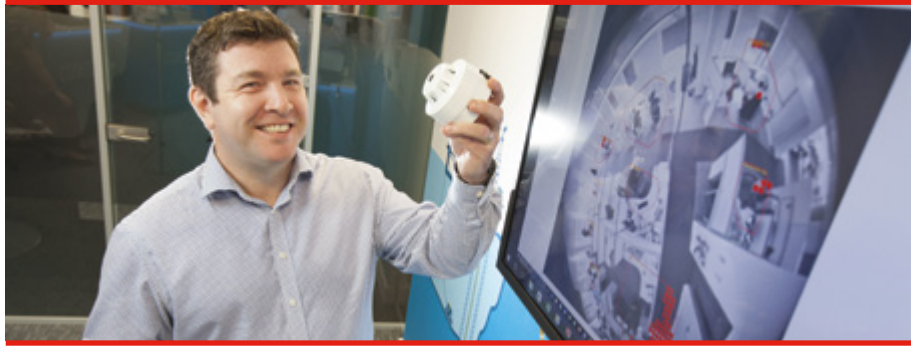
Internet of Things (IOT) for smart buildings

The management of large buildings and property estates could be on the verge of an IoT revolution, following the development of a new sensing technology by a Scottish technology start-up. CENSIS helped Beringar develop a non-intrusive sensor to significantly improve the understanding of how buildings are used, boosting office space productivity and driving resource efficiency. Transmitting data wirelessly using a an IoT (LoRaWAN) network, the sensor replaces traditional methods of measuring the utilisation of buildings, such as clipboard surveys, by accurately counting the number of people in a room, checking building occupancy levels and identifying trends in the ways people use buildings.

It can also measure temperature, record air quality and monitor CO2 levels.

Stephen Milne, Business Development Manager said *"CENSIS helped Beringar build a prototype, deploy it in a building and prove the technology worked. The company now has a product on the market, customer deployment with clients including the NHS, and interest from around the world."*

Citi Logik

Department for the Economy Northern Ireland uses Citi Logik

The 2016 vote to leave the EU posed numerous challenges for government. Perhaps one of the most complex was the impact of the border between Ireland and Northern Ireland. Residents between the two countries have been able to move freely across the border for work and leisure. As part of the preparations to leave the EU, the Department for the Economy in NI, was concerned with the impact leaving could have on border crossing, and wanted to see if certain groups or areas would be affected and impact the economy. Working with Citi Logik the Department was able to use anonymised mobile location data to establish travel movements and frequency. The data represented a large and robust data set upon which to

extrapolate estimates. There was also flexibility in the way the data could be analysed by Citi Logik, helping the team achieve a clear picture of what was happening.

Wendy Lecky, from the Department of Exiting the EU said *"The scale of the data Citi Logik had access to contributed to the quality of their analysis. It is now a widely accepted figure for within Northern Ireland and the rest of the UK."*

Cobham Wireless

The Berlin U-Bahn

Cobham Wireless worked with operator Telefónica to deliver 4G coverage across Berlin's U-Bahn for subscribers of all three of Germany's major mobile operators. Cobham's idDAS (intelligent digital distributed antenna system) is now providing reliable, high-quality connectivity services for millions of passengers, following a project involving minimal disruption and reduces OPEX. The historic underground transport network presented a difficult environment in which to lay fibre cabling and house equipment. The legacy system supported one operator, with no option of expanding or configuring the architecture. The idDAS wireless coverage solution is now delivering the high data throughput and capacity required to support the hundreds

of millions of passengers who use the U-Bahn every year. The fully digital solution reduces the number of base stations required. Due to its infrastructure, idDAS requires minimal hardware and fibre, which minimised the cost of deployment.

Ingo Flömer, CTO, Sales, Marketing and Business Development, said *"We've developed idDAS to help solve the challenges many venue owners – or those overseeing transport projects – typically face: the need to support multiple operators on multiple frequencies, and to deliver connectivity to a high volume of connected devices"*

Coderus

Coderus Supporting Team UK in §America Cup Challenges

Coderus, as a Cypress, Microchip, Qualcomm Design Partner has experience in providing high quality and high-performance solutions. Coderus' first involvement with America's Cup began in 2015 with joining Ben Ainslie's Land Rover BAR team in their challenge for the 35th America's Cup. Coderus pioneered a secure and reliable solution, to meet the standards of such a prestigious team. The Land Rover BAR team was the British challenger and was made up of some of the best British and international sailors, designers, builders and engineers. Coderus supported the team with a seventh virtual crew member by providing a mobile app solution. This solution provided the crew with critical, real-time information throughout the race with no user interaction.

The embedded sensors on the boat enabled critical data to be read in user-friendly and water-resistant Android tablets and wearables. Coderus story continues with re-joining the team with America's Cup 36th Challenge.

Sailing Team Tactician and Olympic Gold Medallist, Giles Scott said, *"We were desperate for an app that could act as a virtual seventh crew member and become central to our decision-making process during the race, providing Ben and I with the data that we really need to gain a competitive advantage. "*

CommAgility

CommAgility LTE systems chosen by Lockheed Martin for satcom project

CommAgility was selected by Lockheed Martin to supply integrated software and hardware for an innovative satellite communications (satcom) project. CommAgility is supplying a customized version of its SmallCellPHY software, which is a complete LTE physical layer for small cells, compliant with 3GPP Release 10. The LTE software will run on CommAgility's AMC-D24A4-RFx processing/RF module, and the company is also supplying its AMC-4C6678-SRIO module for the project. CommAgility has deep LTE expertise coupled with a wide range of LTE software IP, and is the ideal provider for customers who wish to take the LTE standard in new and innovative application areas such as satellite communications or other specialized networks.

Joseph Baldasano, LM Fellow and Satcom Project Chief Engineer at Lockheed Martin said, *"CommAgility has been able to deliver a valuable combination of LTE expertise and support, together with excellent hardware and software products, that makes them a key component of our satcom project.*

Copper Horse

Protecting consumers from Direct Carrier Billing (DCB) abuse

Copper Horse was commissioned by the Phone-paid Services Authority (PSA), the UK's premium rate regulator, to investigate the problem of abuse in Direct Carrier Billing (DCB) services over the web. Many measures taken in the regulatory space can be punitive and with limited success. We carried out a thorough investigation and security testing of industry participants, ultimately providing a technical report and industry recommendations with short, medium and long-term actions which would be both pragmatic and successful. Our CREST accredited penetration testers worked together with payment intermediary companies and network operators to understand vulnerabilities and the modus operandi of malicious actors,

including looking at the usage of 'dark patterns' to manipulate and socially engineer users.

David Rogers, CEO, Copper Horse said, *"This is just one example of an end-to-end security project, tackling a very difficult problem but dealing with the root causes rather than the symptoms. The work has protected the mobile industry and consumers across the UK from abuse".*

Dawson Andrews
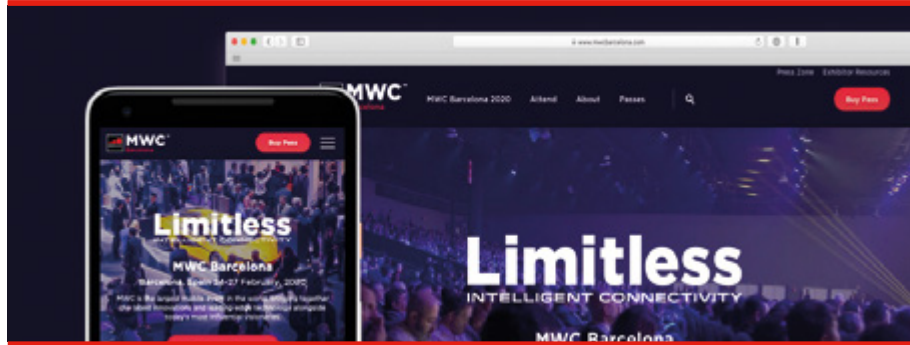
Dawson Andrews deliver MWC's Digital Experience

The event you are at today (Mobile World Congress Barcelona) is a key customer of Dawson Andrews. Headquartered in Belfast, Northern Ireland, Dawson Andrews is a software development and design company that is used for digital product innovation by companies like eBay, Danske Bank, Niice. co and the GAA as well as MWC themselves. The digital experience and in particular the website serving the content for and about this event are the digital entry points for delegates, speakers, exhibitors and sponsors to engage with MWC. The ambitious roadmap for the project is being realised before the eyes of the world. A content and design system scaling across MWC Barcelona, Los Angeles, and Shanghai is empowering marketing and

editorial teams and multiple API integrations, which includes providers such as Salesforce and Eventbase sharing live updates between web, iOS and Android. Available in 4 different languages the content will be accessed by 2 million users.

Sarah Hutcheson CMO/Director of Events Marketing, GSMA said, *"There is a will to succeed with Dawson Andrews that makes it feel inevitable, the success that they've had in the short space of time was a sign of things to come that we wanted to be a part of."*

Dexon Software

Automating the tax information process of a whole country

DIAN is the National Tax and Customs Office of Colombia. The information received by DIAN contains all the behavior and financial movements of all Colombians, both people and companies, residents of the country and abroad. With this information it is possible to determine whether these people are fulfilling their tax duties. The problem is that this information has a huge volume (hundreds of millions of records daily), it comes in a multitude of different formats which makes it very difficult to consolidate all the data around each taxpayer so that the entity can be effective in reducing evasion, avoidance and smuggling. DIAN receives information from more than 120 different sources, including data sent by other

entities or governments through exchange agreements, and those that are required to share all Colombian companies. Currently, the processing, validation and consolidation of all this information is done through automated flows in the Dexon software.

"Dexon has allowed export information to be shared with other entities, perform the processing to verify the quality of the information and apply validation rules on the data to integrate them into the entity's data models with quality and opportunity"

According to Public Records

Docuten

Signing of contracts "in situ" in over 80 countries

Through Docuten's cloud solution in both native application and web application, this multinational fashion retail brand operating in over 80 countries are able to sign on employee contracts, certificate or origin, and sales contracts on the spot with the store's iPad or Tablet. Automatically centralizing all of the documents in real-time on the cloud.

"With Docuten it was all very simple. The implementation was carried out by their team and a month and a half later it was working. In the end, it is to determine the people who have to lead the digital transformation project (of Docuten) and mark milestones."
Víctor Reyero – Serviocio's Financial and Human Resources Director.

EnSilica
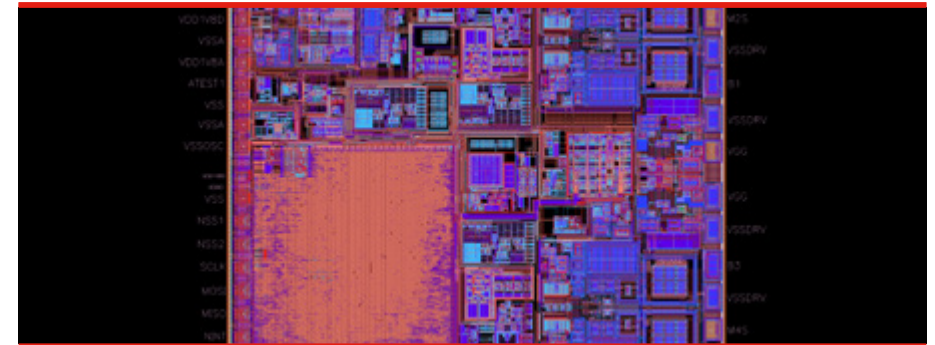
Automotive H-Bridge Controller

Features:

1. H bridge controller with four 0.5A drivers

2. Design to be meet ISO26262 ASIL-D

3. SPI interface with error detection and correction

4. Two independent 13b Σ ADC's for current measurement

5. High dynamic range sense amplifier with 36V common mode range

6. OTP memory with CRC checking

7. Multiple independent voltage references and LDOs

8. Extensive monitoring and fault detection circuits

Process: 0.18um High Voltage BCD

DFT: Full control and observability for analog functions, full scan for digital logic, BIST for OTP and boundary scan for I/O's

Toolchain:

1. Cadence: Innovus, Liberate, Virtuoso, ADE, Spectre

2. Synopsys: Synopsys DC, Primetime, Formality

3. Mentor: Calibre, Tessent

Ian Lankshear, EnSilica Founder and CEO, said,*"Our customer's product development cycles are streamlined by the world-class expertise in custom IC and system design, supply management and silicon IP that we provide" Ian Lankshear, EnSilica Founder and CEO"*

Eseye

How Intelligent Connectivity helped Costa deploy Global Smart Vending

Costa Express created IoT vending machines but they had concerns about connectivity. Poor uptime would hinder the potential for proactive maintenance and monitoring stock levels – damaging their brand and revenue.

Costa employed our consultancy to redesign their machines connectivity from the ground up. Our unique solution and powerful connectivity has allowed them to significantly increase vending machine uptime and accelerate the deployment of these machines to new markets, as they have one solution they can deploy globally.

Paul Borrett, Systems & Data Director said, *"Eseye's fully redundant fault-tolerant network provides a managed connectivity service with a global footprint, whilst support for multiple cellular networks in each geographical region enables close to 100% connectivity uptime. This means we can deploy connected devices anywhere in the world."*

F(x)tec

F(x)tec - smartphones that do more

In 2019 a London smartphone brand was launched that focus on functionality in devices. Their first device is the F(x)tec pro1, a slim elegant landscape keyboard smartphones which provides the best experiences of a physical and on screen keyboard. It is a phones that gives more functionality and a phone like no other. You can effortlessly manage productivity in your pocket and experience split screen apps horizontally using a physical keyboard.

"We wanted to create a smartphone which was more functional and productive that anything on the market today, the Pro1 allows you to effortlessly manage your productivity in a slim elegant device."

FarrPoint

Rubbish mobile coverage tested by Council refuse vehicle

Mobile connectivity is rapidly becoming more and more of an essential service that needs to be available to us all. 4G mobile connectivity plays a key role in everyday life as we are dependent on access to the Internet for public services, business activities, shopping and entertainment. Increasingly, public bodies need to know the connectivity available to their constituents for the purposes of delivering public services and raising awareness of digital exclusion. At FarrPoint, we wanted to come up an efficient solution to solve this problem. Our Mobile Network Survey system continuously measures and logs the mobile signal quality for each operator simultaneously.

Our first deployment of this service used refuse collection vehicles, travelling around all the streets of both urban and rural areas. This service provides an independent view for our customers who need coverage assurance and verification, particularly for those organisations running mission-critical communications over mobile networks.

Andrew Muir, CEO said, *"We're excited about this service, there's nothing else like it on the market and are seeing great interest from public bodies to understand the actual mobile availability in their region from an independent source."*

Fleksy
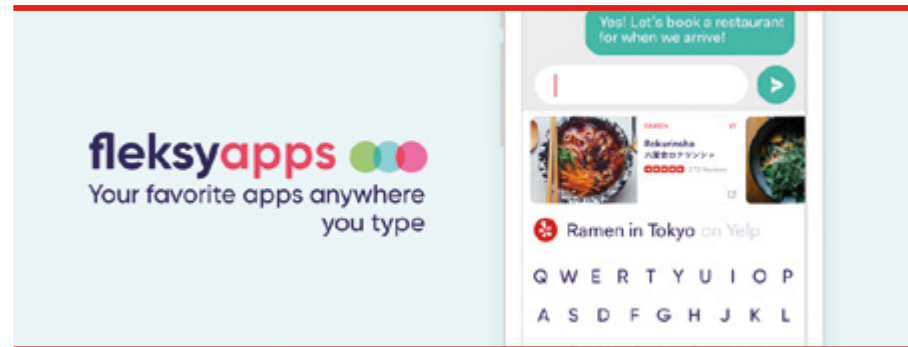
Fleksy keyboard preloaded on Palm's smallest device

To provide an accurate typing experience on a 3-inch screen, Fleksy created a completely unique and customized keyboard that would meet the needs of Palm's brand. We worked with Palm to develop the look and feel that matched their sleek, extra compact design while maintaining optimal functionality. Customization with a significant size constraint, Fleksy rearranged the keys layout, speech-to-text and developed its own input method to meet users' needs. Palms Ultra-mobile companion device is designed for life on the go. A fully connected companion that is in-sync with your primary device, making mobile truly mobile again.

Olivier Plante, Co-Founder and CEO, Fleksy said, *"We are proving that a virtual keyboard made to type can be re-invented into a powerful tool for users, and a strong revenue generator for both OEMs and Brands."*

GeoSpock
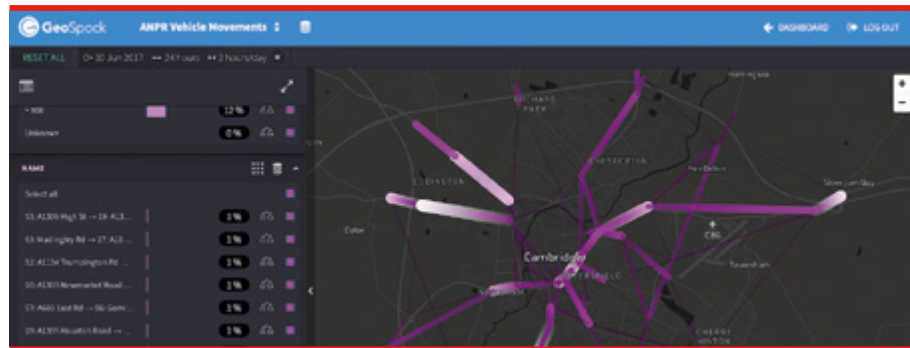
Visualising Traffic Data as a Heatmap

Cambridge City Council had a wealth of anonymous data from automatic number plate recognition cameras in 96 locations in and around Cambridge. It was keen to discover what it could learn from the data to help with planning and developing the city's transport network. Visualising the traffic data as a heat map highlighted things like the busiest entry points into Cambridge, the trips vehicles are making within the city each day and the peak traffic times. Our spatial big data platform highlighted the fact that the majority of delivery vehicles enter Cambridge via the M11 and A14, but one of the busiest delivery was in the city centre.

For city planners, this could suggest a redesign of the central area to address the problem – or rerouting delivery traffic away from that area. It illustrates how bringing data to life gives a valuable new perspective on a problem.

Daniel Clarke, Digital Programme Manager, Smart Cambridgeshire said, *"GeoSpock's experience of working with city data and cutting-edge platform is showing how we can extract value and insights from data, driving real change"*

Global App Testing

Testing 5,000 Apps in 4 Weeks with Facebook

The tech giant tasked us with testing 5,000 of the largest apps that use Facebook Login. Within a week, we were able to assess Facebook's needs, worries, and goals. We recruited 100 of the best and most relevant testers and after the first week, over one thousand apps had been tested. Our results exceeded Facebook's expectations: Testing scaled at speed In just over four weeks, we tested 5,000 apps and found critical issues in over 900 cases. We provided clear, concise and actionable bug reports.

The migration was a success, with no negative impact on site users. Transparency and control through reports and a dashboard with detailed results, the Facebook Platform team had complete visibility over progress of the entire test cycle.

"Instead of testing the top 500 apps as planned, partnering with Global App Testing allowed us to increase our testing surface area by an order of magnitude within the same time window."

Global Reach Technology

Link NYC authentication & analytics

LinkNYC is delivered by the City of New York and CityBridge, a NYC-based consortium of leading experts in technology, media, connectivity and user experience. Working with lead consortium member, Intersection, GlobalReach Technology provides the captive portal, user authentication and analytics behind the service, through its cloud-based Wi-Fi service management solution.

Including RADIUS / AAA, custom captive portal and a Passpoint Hotspot 2.0 online signup server (OSU) as standard, the single, scalable platform is being used to connect LinkNYC users and to manage and analyze the service.

Imediavan
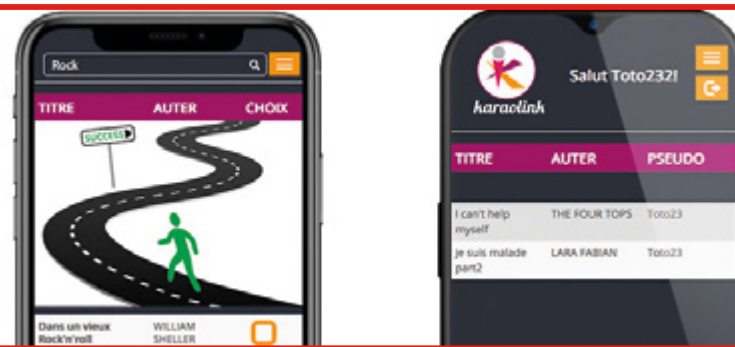
KARAOLINK: A bespoke web/app development

KARAOLINK DJ team is specialised in using Karaoke as the main tool for their sessions. They were looking to create a new tool that would help them to lose their post-its and printed song listings. We have been working very closely with their team in order to create the perfect tool that will engage singers and DJs. We created a web-based app that does not need to download any app to start using it.

Using KARAOLINK, singers can see the complete list or choose the title/singer/year/genre... using the integrated search engine. They can select the songs they want to sing, the DJ will then be warned simultaneously on his pc or tablet, in a list that will indicate the order of passage.

Nicolas Astier (CEO) said, *"Working with Imediavan has been crucial for the early stages of our project. We initially had a limited budget for creating everything but they helped us by scaling the developments and allowing us to rapidly launch our product. Affordable and efficient team."*

Indus Net Technologies

Ageas brings smarter distribution system for their super brokers

With more than 8 million customers across the UK and EU, Ageas was becoming one of the fastest-growing insurance. However, for steady growth, they wanted to empower their Super Brokers by automating onboarding, policy management, policy claims using any mobile device. INT achieved this goal by using its industry understanding, customer journey with simplified workflows and a high standard of coding followed by multi-phase testing and deployment. This integrated system has a highly secure Centralized Card Payment System (CCPS), which follows the PCI-DSS standards.

With this application, a number of new avenues got opened for the firm including faster selling and smarter reporting mechanism. Modules like a quote & buy, policy management, financial reporting, analytical reporting made things transparency and fluid.

Raju Singh, Project Head, said, *"People want to buy travel policies on-the-go, using mobile devices. This market need spurred the client to request an application. All that was once manually done is now fully automated with complete transparency helping both customers and agents to use the features in a click."*

ip.access

Private network for Tyne and Wear Fire and Rescue Service

The carrier-grade private LTE network from market leading ip.access provides the command and control vehicle with critical communications regardless of location, even where there is limited cellular coverage. The private LTE solution is deployed in its own dedicated spectrum that works in harmony with Wi-Fi and public cellular operators and is not subject to congestion or interference, which ensures a guaranteed Quality of Service. This solution, which is available without any dependency on future 3GPP standardisation or national programmes such as ESMCP in the UK or FirstNet in the US, demonstrates the strength of

capability offered by innovative companies like ip.access and its partners in delivering carrier grade Private LTE solutions today. The private LTE network primarily backhauls over incumbent 4G and falls-over to auto-pointing satellite. Communication services are protected by secure VPN technology.

Ken Corbett, TWFRS Operations Department Station Manager said, *"The vehicle has been used at incidents and exercises. Having our own, secure communications platform has enabled us to enhance our command and control at incidents and improve the safety of our firefighters and the community."*

IrisGuard UK

Cash aid distribution via IrisGuard EyePay® and mobile wallet

IrisGuard has partnered up with Zain Cash and the UNHCR and introduced a revolutionary EyePay® Cash platform. Approximately 600,000 refugees and vulnerable families in Iraq receive cash support via UNHCR. EyePay® now enables refugees to cash-out their financial assistance via iris identification. Only the entitled refugee will be able to cash-out without the need for any other identification tools which has a huge benefit in reduction of fraud and as such, the much-needed aid is provided to those it is intended for. By integrating the iris technology in the registration and cash-out of assistance to refugees, the disbursement process is set to become more streamlined and secure and quick in comparison to previous process which took

over 15 days. This helps them pay for the key essentials such as rent, food and enables them to be part of their community in a positive way, to rebuild their future and their community.

Imad Malhas, Founder and CEO at IrisGuard said, *"We are delighted to be partnered with Zain Cash and the UNHCR providing a reliable, 100% accurate solution which removes risks, increases beneficiary privacy, improves speed and ultimately ensures that those who need it receive aid faster and in a more secure way."*

KORE

Stedin: The early adopter's journey to eSIM

Stedin is a large regional grid operator in the Netherlands that is responsible for delivering electricity and gas services to more than 2.2 million commercial and residential properties. The key challenges were, the high cost of a smart meter or SIM replacement, due to technology and carrier "lock-in" without having to physically change the SIM or device and remaining compliant with Dutch Smart Metering standards and emerging telecom legislation. To alleviate these challenges, KORE delivered a multi-faceted advanced connectivity eSIM solution. A carrier-independent OTA platform guaranteed the ability to fully transfer services without physical SIM swaps, facilitated by eSIM technology.

The OTA platform was configured with a Stedin-specific carrier profile enabling Stedin to host its own specific IMSI range to essentially act as an independent carrier to meet regulatory compliance, provide greater support for large-scale rollouts, enhance SIM management capabilities, and ultimately protect the longevity of their connected meters.

Marco Bijvelds, Vice President, Product Management International said, *"Our focus throughout our eSIM journey has been developing a rich ecosystem of carriers, which is critical to leveraging eSIM technology. But more than that, success for our customers is in understanding how to use eSIM to add value and deliver measurable results."*

Microblink

BlinkID - step towards the typing-free future

Real-life problems are an all-time inspiration for creating new products and solving challenges. There's not a person in the world that likes typing in personal data into online forms. Most of the time, it's taking way too long, or we make numerous mistakes. Our PhotoPay product sped up the payment of utility bills with a phone camera. Automating ID data extraction with BlinkID was a logical step towards the type-free future that is our mission. BlinkID is our first-ever product that's entirely powered by proprietary AI technology. BlinkID is changing millions of lives and habits with intelligent data extraction. We're bringing a truly seamless UX and an uninterrupted scanning flow. There's no need to preselect the country and type of identity document.

BlinkID's AI performs real-time ID card detection and document classification. Also, BlinkID is proven to be faster than any server-side solution out there, enabling instant data entry from ID cards, passports, visas, and work permits in the blink of an eye.
Security is an essential part of all Microblink products. All data extraction and processing is done entirely on-device, without any Internet or server connection. In other words, sensitive information never leaves your application. BlinkID found its place in various industries; banks & financial institutions, telecoms, retailers, insurance, system integrators, app developers, startups, and other service & production-oriented companies.

MojoReporter - Publisher's Toolbox

MojoReporter: the evolution of mobile media capture, intelligence and distribution.

Publisher's Toolbox's MojoReporter team began working with KM Media Group, which included KMTV – the county of Kent's dedicated TV channel. MojoReporter was implemented across their several newsrooms, giving KMTV a private file sharing and collaboration platform. This allowed their mobile journalists to send digital packages to multiple users for review, back-up or publication. A simple phone app interface makes it easy for journalists to type headlines, attach multimedia content and send to selected destinations. Compression for multiple media types means reporters can upload content to KMTV's team dashboard, giving the newsroom instant access to content from the field. Videos are transcoded into multiple formats, which can be downloaded

quickly and easily from a central location for breaking news stories. This has seen a dramatic increase in the quality and quantity of stories submitted, allowing KMTV to tell stories that usually wouldn't have seen the light of day.

Andy Richards, KMTV editor in chief said, *"Our relationship with MojoReporter has changed the way KMTV delivers its content. We've gone from having around a dozen content packages filed each month by our reporters to more than sixty after the first month of using MojoReporter. That's now risen exponentially."*

MYCOM OSI

mycomOSI
The Assurance Cloud Company™

MYCOM OSI's Assurance Cloud™ SaaS deployed at Globe Telecom

Globe Telecom, the largest CSP in the Philippines with over 80m customers, has deployed MYCOM OSI's Assurance Cloud™, powered by AWS, joining UK's Three and Vodafone and several other Tier 1 CSPs implementing Service Assurance in the public cloud.

Hosted in AWS' Singapore Availability Zone, the deployment has enabled Globe Telecom to achieve significant cloud-based benefits while benefiting from a solution that is faster than on-premise systems, despite the lack of physical co-location with network infrastructure.

Mymanu

Mymanu and Marriott TestBED

As Marriott is a truly international company, they were searching for a way to make all guests feel welcome and able to enjoy their stay fully and feel at home, regardless of language or nationality. We undertook a pilot at the Madrid Marriott Auditorium Hotel and Conference centre. The site covers 869 rooms, including 56 meeting rooms, an auditorium for up to 2000 people and 15,5000 sq. metres of exhibition hall space. We harvested a wealth of data which demonstrated to Marriott just how useful our technology was to their visitors. We found that 75% of surveyed guests felt comfortable using the translation system, improving their communication with associates of different nationalities. 100% of surveyed event organisers said they would expect a significant increase in networking opportunities by using Mymanu technology. They were also able to foresee a reduction in costs for doing so.

According to a Marriott guest, *"I found communicating with the staff much easier with Mymanu technology. Instead of coming up against the usual language barrier, I was able to quickly get across what I wanted to say and receive a reply in next to no time."*

Omnis Software

Q-Med drastically simplifies management of aeromedical certificates of fitness.

The Q.MED-AERO solution allows doctors to enter data using an Omnis desktop application, while pilots, flight attendants and air traffic controllers apply for an aeromedical certificate by mobile phone or using the web app. The pilots record their data in an encrypted database that can only be accessed by the pilot and the authorized doctor. When renewing certificates Q.MED-AERO allows the pilots to copy an earlier application and only enter the changes saving a lot of time and effort. When the certificate application process is complete, the applicant selects a doctor and the Q.MED system sends the doctor an email with a token that allows access to the application. The doctor uses this

token to access the data (using the Omnis Studio REST API) and transfers it to their desktop application. The doctor's data can be automatically transmitted to the German Federal Aviation Authority.

Christoph Schwerdtner (Medizin-Software) said, *"With Omnis Studio we can develop solutions in a fraction of the time using only one development environment. We develop desktop applications for Windows, MacOS and web-based solutions. For 30 years we've been working with Omnis and haven't found another tool that's as flexible."*

Pod Group

Golf course intelligence software

Handling player pace round golf courses is essential in improving efficiency and player satisfaction. Tagmarshal created a sophisticated tracking system allowing clubs to better control player flow and reduce round times, using tags that can be clipped to a golf caddy and relay data in real-time back to the marshal or golf manager. Tagmarshal needed a connectivity provider who could ensure access to robust, reliable connectivity in a variety of countries and in areas where different networks offered the strongest signal. They wanted to deal with one global connectivity provider who could meet all their needs. One of the main benefits is the flexibility offered by Pod in the size of the data bundles which can be customized to include very small bundles required by

Tagmarshal Classic Tags. Pod Group's API allowed for easy integration with Tagmarshal's systems, meaning they could set up and get started quickly.

Bodo Sieber said, *"The technical support is amazing, really top level and truly 24/7 and we appreciate the level the team go to when resolving technical queries. Customer success is central to Tagmarshal, and Pod helps us to deliver exceptional service to our partners."*

Publisher's Toolbox

BiblioDAM: Simple, powerful digital asset management

Independent Media Group have over 80 publications in their stable. They needed a platform that would safeguard their media assets, integrate with their CMS platform, and provide access to multiple editorial teams. The Publisher's Toolbox digital asset management platform, BiblioDAM, provided the solution. BiblioDAM is powered by cutting edge AWS technology, allowing organisations to centrally store, manage and search photos, videos, audio and PDF files. FEATURES - Bulk media upload and indexing - Powerful search capability with multiple taxonomy layers - Flexible media processing and downloading - PDF text searchability - CMS integration - Copyright monitoring - Access via

Gmail, Facebook or Twitter Over 800 Independent Media editorial staff now rely on BiblioDAM to provide the content they need to do their job, by ensuring access to digital assets anywhere, anytime, on any device. To discover how BiblioDAM can revolutionise the way you protect your media assets, visit www.bibliodam.com.

Rich Cheary, Publisher's Toolbox CEO said, *"BiblioDAM allows any content producer who has a number of media archives or websites under management to benefit from a centralised and reliable cloud archive wrapped in AI media services to bring intelligence to the archive"*

pureLiFi

LiFi goes to school

Connectivity in the classroom opens up a world of knowledge that extends far beyond any collection of textbooks or jotters. However, not all schools are connected equally, and poor connectivity can mean student fall victim to the digital divide. LiFi at school makes a world of difference.

Ayrshire, Scotland's Kyle Academy deployed pureLiFi technology in the classroom, giving students light-powered access to digital resources such as videos and e-books, which can overload traditional, bandwidth-limited networks such as WiFi.

Students stream videos and access educational tools where they struggled before, meaning less

time downloading and more time learning. LiFi also sets the stage for next generation teaching tools like virtual and augmented reality.

Student Toby Nixon said, "It's exciting to be part the world's first LiFi deployment in a school, especially because it's a technology born in Scotland, a country with a proud history of innovation.

Alistair Banham, CEO of pureLiFi said, *"The students at Kyle Academy are early adopters of technology that will someday be in every light and every device connecting everyone and everything. This is an opportunity we can all be excited about*

Radio Design
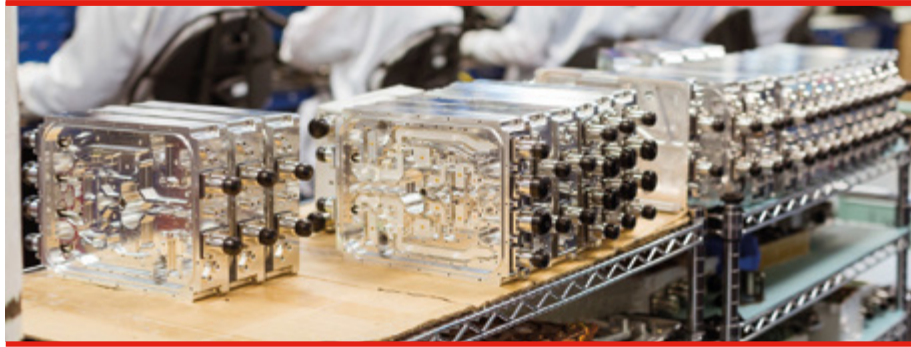
Mobile deployment problems solved with Radio Design's innovative technology

As the populations of our cities increases, so too does the demand for mobile data. However, restricted space in built-up areas, combined with regulatory pressure to preserve the landscape, results in very limited opportunities to effectively deploy new base station sites. In one European city, a mobile operator found their monopole solution addressed the space and visual constraints they were under, but did not allow them the space they needed internally to combine and amplify their radios. Radio Design's revolutionary concept, the Active RF Router™, took the complexity out of site design by putting the splitting, combining, and uplink amplification into one optimized

box: addressing their space and visual concerns as well as resulting in CAPEX and OPEX savings for the customer. Radio Design's consultative approach meant the specific needs of the customer were addressed, with industry-leading innovative technology.

Martin Gostling, Managing Director of Radio Design said, *"I am proud that our Active RF Router™ has demonstrated our technical and commercial ability to develop an innovative and tailored solution, directly in response to our customer's needs."*

SafeToNet
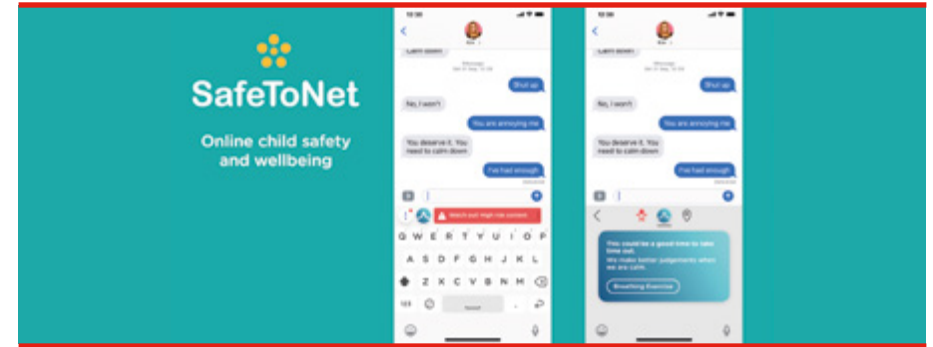
Well, why wouldn't you do that?

We safeguard children online. Our AI-powered keyboard intervenes at online moments of risk and nudges the child's response such that they become safer online digital citizens. The product is aimed at the "my first smartphone" child, which is now around 9 years old. One of our customers installed SafeToNet on his daughter's phone and after a couple of weeks asked what she thought of SafeToNet. She replied "What's SafeToNet?". This was a conversation moment for the father, who explained the idea about safeguarding through the keyboard. Her response was "Well, why wouldn't you do that?". For us, this is perfect.

The young girl was online, communicating with her friends as she has the right to do, didn't notice the safeguarding keyboard was different from the regular unsafe keyboard and was bemused why smartphones don't all come with this kind of feature.

Annabel, 10 said, *"Well, why wouldn't you do that?"*

Strategic Imperatives

Transforming Telecoms: It's in our DNA

Founded in 2006, Strategic Imperatives is the UK's leading provider of SaaS solutions to telecoms providers. Our focus is our ground-breaking cloud-native SaaS monetisation solution, Elevate, launched to revolutionise the telecoms billing market.   Born from the dedication and passion of a group of technologists and telecom veterans who believe in challenging the status quo and making things better, Elevate is making a clear, measurable and exceptional difference to our customers: • Timescale to launch new propositions/promotions reduced dramatically • Agile service providers empowered with Elevate's 'just in time' view of performance, profitability and margins • Intelligent customer base segmentation and our multi-brand

support has given our customers a new levels of business flexibility • Bill-run time slashed from days to minutes with our unique OnDemand auto scaling capability Our platform has completely transformed billing and service monetisation for our customers and empowered them to capitalise on the rapid advances in the industry.

Wail Sabbagh, Managing Director said, *"Elevate is transforming billing and service monetisation into a modern, blazing fast, fully integrated, and extremely flexible cloud-native SaaS solution. Elevate has completely disrupted a complacent billing landscape and empowered service to seamlessly monetise the continually evolving telecoms value chain."*

Streamhub

Fuji TV - major Japanese broadcaster.

Solution provided by Streamhub:

• Single Video Data Platform across devices and services, with custom views for different stakeholders.

• Audience profiles built combining internal CRM data and data purchased from third parties.

• APIs and integration engine providing easy means of internalising and externalising data in real time.

Beneficial outcomes of project:
• Improved Audience Retention: Relevant selection and promotion to target audience on AVOD, SVOD and Live services based on precise audience data.

• Increase in Sales: Higher prices earned from advertisers based on richer consolidated audience profiles.

• Reduced Cost, Time and Resources: Rapid compilation of reports to half a day from 1 week.

• Previous Proprietary Video Analytic Tools became obsolete reducing resources spent on support and maintenance.

Derek Boyd, Director, The Scotland 5G Centre said, *"The significance of the projects enabled by the Scotland 5G Centre reaches far beyond Scotland itself – the expertise and knowledge gained will be relevant to businesses, researchers and public sector all over the world."*

The Scotland 5G Centre

Scotland moves into the 5G fast lane

Pushing ahead on 5G can be transformational not just for businesses large and small, but for nations. An analysis by Deloitte estimated the rewards from embracing 5G potential could include £17bn added to Scotland's GDP and 160,000 jobs. So, how to support that? By setting up the Scotland 5G Centre, a new partnership between leading Scottish universities and the Scottish Futures Trust, with investment from the Scottish Government. Already, it is driving three projects to accelerate 5G:

• Rural Connectivity: this project aims to provide wireless and mobile connectivity to rural and remote regions, and is led by University of Strathclyde.

• Innovation Districts: the project, led by University of Glasgow, is working on adopting 5G technology at the heart of urban areas, with the creation of a 5G-enabled testbed.

• Infrastructure Deployment Accelerator: Scottish Futures Trust will simplify arrangements between operators and public sector asset owners to deploy 5G networks.

Derek Boyd, Director, The Scotland 5G Centre said, *"The significance of the projects enabled by the Scotland 5G Centre reaches far beyond Scotland itself – the expertise and knowledge gained will be relevant to businesses, researchers and public sector all over the world."*

TrainAsONE

An Incurable Disease - TrainAsONE helped change my Life

I came to running late, I'm 39 and have been running for 2 years. I played rugby in my twenties, injuries, marriage, kids, the usual story! Got to late 30's, health issues and the scales were not my friend. I thought I would start running, this from the kid that at school cross country would sneak a shortcut! I hated running! When I first started it was tough, my training was aimless, I would just go and run with no goal, no focus and ultimately no plan. Then a mate of mine suggested TrainAsONE. I signed up and my running changed for the better from that day. I am now in marathon training using TrainAsONE and owe all of my personal success, gains and achievements to an app!

TrainAsONE helped change my life, I'm 40 in 6 months time and I have never been in better shape and fitness.

"I have an incurable bowel disease making running tricky, and my health and fitness is as important as my medication. TrainAsONE, which uses my data to create my personal plan, has significantly helped me to manage my disease. My gastroenterology consultant is so impressed that he now uses TrainAsONE too!"

Truphone

Truphone's network provides a globally scalable service to MSA

MSA is a leader in high-consequence threat detection, and its advanced technology needs to be seamlessly connected to its global emergency operation centre in the event of a threat. The organisation needed a single vendor to align communication for its Light Safety product across 47 countries, through direct calls and an alternate messaging service.   As a US-based company dealing primarily in Europe, fluid communication was proving challenging. An overarching system was required – one that would allow large quantities of data to be transferred across the globe with speed, ease and reliability. Truphone's state-of-the-art SIM technology enables connection from the moment a device is switched on.

No complicated activation process, no wordy manual, just connectivity from the touch of a button. Working with Truphone allowed MSA to bypass lengthy and costly admin processes. It also steered them away from third-party networks that don't simply support this fast-paced industry's requirements.

Marc Weathers, Director of Information Technology at MSA said, *"Due to the nature of our work, we require connection stability. Working with Truphone has not only afforded us this reliability, it has allowed us to open up to new markets that weren't accessible before"*

Universal Smart Cards

Converting Lucozade bottles into payment devices

Lucozade Energy approached us with a problem – how to turn a bottle into a payment device – perfect opportunity for Universal Smart Pay. With partners DIGISEQ we delivered the Much Better Bank Accounts to the bottles without the need for complexity but maintaining the security that is required for payments. The bottles were then used on London Undergound to pay for travel! A brilliant case study in turning an everyday object into a payment device. Our re-usable coffee cups including payment capability will be hitting the stores this spring time - look out for widespread media coverage

Alasdair Nutt, Universal Smart Cards said, *"it was an interesting problem to solve. We provided our skills and expertise of smart devices to exceed expectations. We were delighted with the results and it's great to see Wearable style contactless payments used in such an innovative way."*

# University of the West of Scotland (UWS)
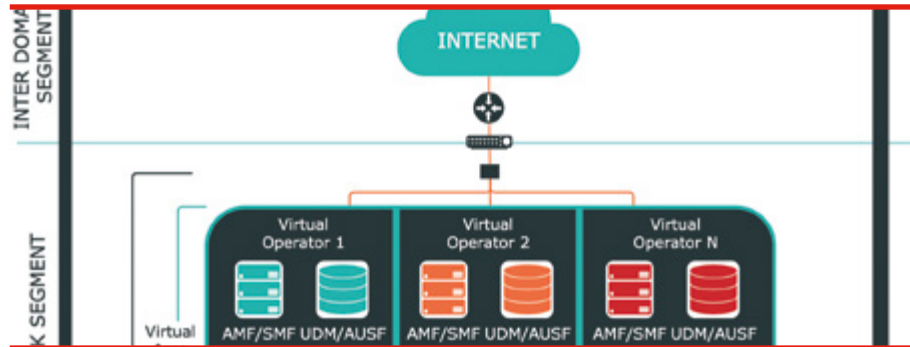
E2E 5G Network Slicing Guaranteeing QoS for Verticals

The 5G Hub at UWS has achieved End-to-End (E2E) 5G Network Slicing in the context of the flagship EU 5G-PPP SliceNet project. The challenge was to guarantee the Quality of Service (QoS) for different vertical businesses that have divergent QoS requirements for different heterogeneous use cases whilst sharing the same physical 5G infrastructure network. UWS has designed and developed a novel solution based on flexible combination of hardware acceleration and software data path. Empirical results have demonstrated the advantageous benefits of provisioning high throughput (up to 100 Gbps) and low latency (less than 1ms) E2E network slices. The slices have been created for representative vertical businesses

and the piloted use cases include smart grid self-healing, smart city intelligent lighting, and eHealth ambulance, in collaboration with SliceNet partners. The management of such a large-scale network slicing system is based on autonomous control loop empowered by AI/ML technologies.

Jose Alcaraz-Calero and Qi Wang, SliceNet Technical Managers said, *"The 5G Hub at UWS contributes to SliceNet innovations. It enables collaboration among network operators in end-to-end network slicing provisioning, allows vertical businesses to fulfil their business requirements in customised use cases, and leverages AI to enable intelligent operations for network operators."*

Upgrade Pack
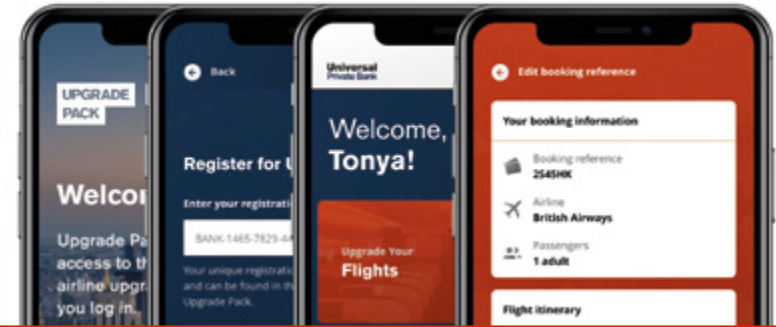
Building the world's first dedicated travel upgrade app

Getting a flight or hotel upgrade normally requires a hefty upfront payment, lots of loyalty points, a fingers crossed bid on an auction site, or failing all that, an awkward request at the gate or desk. Upgrade Pack is putting an end to all of that with our unique platform that helps those serious about upgrading to do so with any of our airline and hotel partners globally, at exclusive discounts. As well as giving our users a mobile-first gateway to exclusive discounts on seat and room upgrades in real-time, Upgrade Pack equips our banking and corporate clients with a differentiated, value-led customer and employee reward.

Since establishing in 2018, the Upgrade Pack has secured over £5m in funding, scaled internationally and grown to a 30-strong team, as we prepare to roll out our highly anticipated app in 2020.

Urchana Moudgil, Co-Founder Upgrade Pack said, *"Upgrade Pack enables innovative companies to reward and retain their most valuable customers and employees, by giving them access to something everyone would choose if they had the choice: upgraded travel."*

Viewing Online

BreckWorld (www.breckworld.com) - our first government tourism app

BreckWorld was built with our inferior, older platform. It was a world first test case for combining geo technology, augmented & virtual reality to attract footfall and spending to destinations (Breckland District in this case). The project led us to discover many new market opportunities and begin R&D on scalable, commercial applications of our natively built, proprietary technology.

Ryan Baxter, Founder & CEO, Viewing Online said, *"This was our first ever app so we were thrown in at the deep end and just about floated. BreckWorld opened our eyes to the possibility of new layers of information covering the world, destination by destination. Working with Stephen Fry on the app was bonkersly brilliant."*

Zeetta Networks
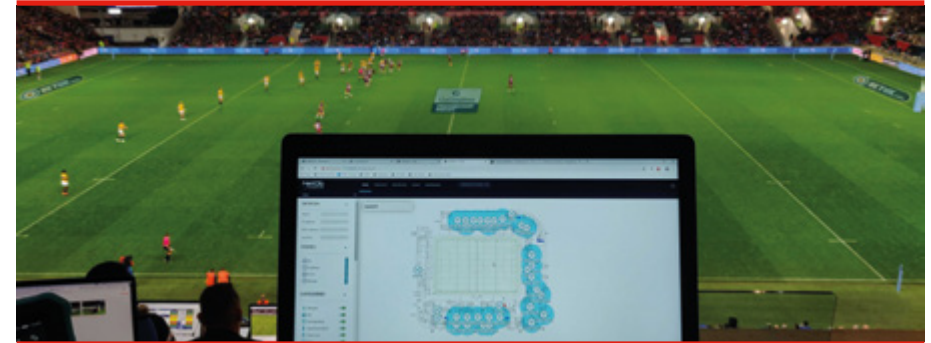
Ashton Gate Stadium - first commercial deployment of NetOS Enterprise™ 2018

Ashton Gate Stadium is the largest stadium in South-West England with a 27,000 capacity. It is home to Bristol City FC and Bristol Bears RFC. It has state-of-the-art conference facilities and is a major exhibition and hospitality venue. Its network has in excess of 300 managed network elements, 750 tracked elements and is configured to support high crowd densities. It also supports a huge number of services from electronic point-of-sale (ePOS) terminals in bars to CCTV to electronic turnstiles and player biometrics. The stadium network requires a specialist managed service provider (MSP) team. Zeetta Networks deployed NetOS Enterprise™ in 2018 as a network control and management software platform designed specifically for complex enterprises and managed service providers. NetOS Enterprise was ideal for managing complex networks where there are multiple mission-critical and business-critical services running in areas with high demand for digital connectivity. Deployment reduced overall operational costs by ~20%.

Martin Griffiths Chairman - Ashton Gate Stadium said, *"...we are just scratching the surface of what the NetOS platform can deliver and ....I'm confident that we will be able to drive greater fan engagement along with significant returns to our businesses."*

Technology & Development

Department for International Development

UKaid
from the British people

The Department for International Development (DFID) leads the UK's work to end extreme poverty. We are tackling the global challenges of our time including poverty and disease, mass migration, insecurity and conflict. Our work is building a safer, healthier, more prosperous world for people in developing countries and in the UK too.

Technology has the potential to revolutionise the lives of the poor, unlock development and prosperity, and accelerate progress towards the Global Goals. The rapid expansion of mobile phones and internet access in poor countries offers unique opportunities to support and enhance DFID's work.

DFID has been working closely with the GSMA since 2013, to identify and support the development and use of new, innovative ways in which mobile phone technologies and mobile network infrastructure can be used to improve the reach, delivery and affordability of life-enhancing services to poor people in Africa and Asia. As a result of this work over 35 million poor people are expected to benefit from improved access to life enhancing services by 2020.

If you're interested in learning more visit www.gov.uk/dfid or email digital@dfid.gov.uk

International Development Secretary, Alok Sharma, visits the deployment of Ebola preparedness activity in Uganda

Here are a few examples of the work British business is doing for development:

eWATERpay

eWATERpay is a cheap, simple technology that is allowing users to purchase credit through several methods, including using the app on smartphones, purchasing through mobile money or receiving a remote gift via PayPal. Winner of MWC's Congress award for Outstanding Mobile Contribution to the SDGs in 2018.

SimPrints

SimPrints builds biometric fingerprint technology for people in the developing world who lack proof of legal identity. The SimPrints system allows health workers to access full health records through a hand-held fingerprint scanner synced through Bluetooth to their smartphone.
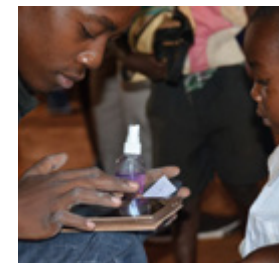
Loowatt

Loowatt is a waterless toilet that people can pay to both rent and maintain with just a text message from their mobile phones. This removes the need for expensive plumbing or civic infrastructure.

Loowatt has also designed a way to turn excrement into electricity, biogas and fertiliser.

Animal Dynamics

Animal Dynamics is a system of autonomous powered paragliders. They are currently developing a range of unmanned aerial delivery vehicles called Stork. Stork can be used to supply medical equipment, food, fuel and vehicle parts to front-line users in humanitarian and development contexts.

British tea and coffee partners

SHELTON'S COFFEE

Tregothnan

www.sheltonscoffee.co.uk

Shelton's Coffee aims to modernise the Coffee category by transforming the highest quality of Single Origin Colombian coffee beans into simple, stylish and innovative Coffee Hearts that can be enjoyed whenever and wherever without using machines. It offers a practical solution for the Food Service Industry while displaying a beautiful presentation for the High-end retail market. The product is currently available in the UK in over a hundred high end retailers such as Harrods and Selfridges.

www.tregothnan.co.uk

Tregothnan began supplying Britain's first homegrown tea in 2005, creating the ultimate in Britishness in every cup. The world's first true British tea has been heralded as the 'new Darjeeling'. As well as growing English tea and a vast range of plants that create the delicious herbal infusions, a diversity of lands allows them to produce Cornish Manuka and wildflower honeys, rare Kea plum jam, and sustainable coppiced charcoal.

TRADEFAIR 2020-21 PROGRAMME OF EVENTS

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Dubai, UAE
10 - 11**

CABSAT
Dubai, UAE
31 - 2 April

APRIL 20

Future Blockchain
Summit
Dubai, UAE
7 - 8

**NAB
Las Vegas, USA
19 - 22**

JUNE 20

**BroadcastAsia
Singapore
9 - 11**

**CommunicAsia
Singapore
9 - 11**

**ConnecTechAsia
Singapore
9 - 11**

**NXTAsia
Singapore
9 - 11**

SEPTEMBER 20

IFA
Berlin, Germany
4 - 9

IBC
Amsterdam,
The Netherlands
11 - 15

GITEX Global
Dubai, UAE
27 - 1 October

OCTOBER 20

NAB NY
New York, USA
21 - 22

Broadcast India
Mumbai, India
29 - 31

NOVEMBER 20

SCEWC
Barcelona, Spain
17 - 19

JANUARY 21

CES
Las Vegas, USA
6 - 9

Convergence India
New Delhi, India
TBC

FEBRUARY 21

ISE
Barcelona, Spain
2 - 5

4YFN
Barcelona, Spain
TBC

MWC
Barcelona, Spain
TBC

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