Vitacam®

Scalable, affordable and accurate vital signs measurement from a camera

Moyeen Ahmad (CEO) | NE Device SW Ltd.

VITACAM MEASURES VITALS USING COMPUTER VISION

Class IIa medical device



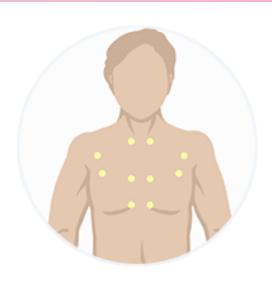


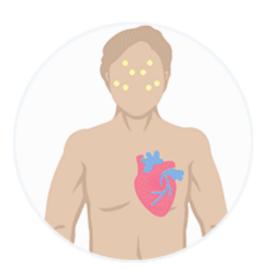
Digital video as input | Cloud processing

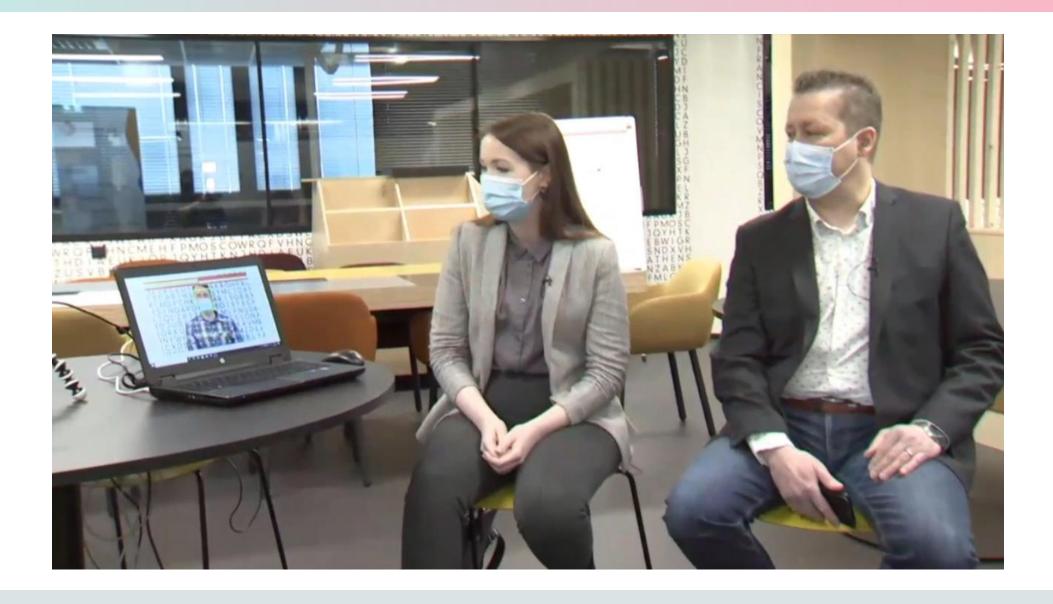
- ✓ Takes digital video as input from a smartphone or camera
- Not tied to specific devices more affordable than dedicated devices
- Fast installation



- analyses chest movements to get the respiratory rate
- ✓ Captures Heart Rate pulse within 5 beats per minute
- analyses changes in the subject's face colouring to obtain the heart rate











Formalising as a supplier: Triggered by NHSX remote monitoring tender



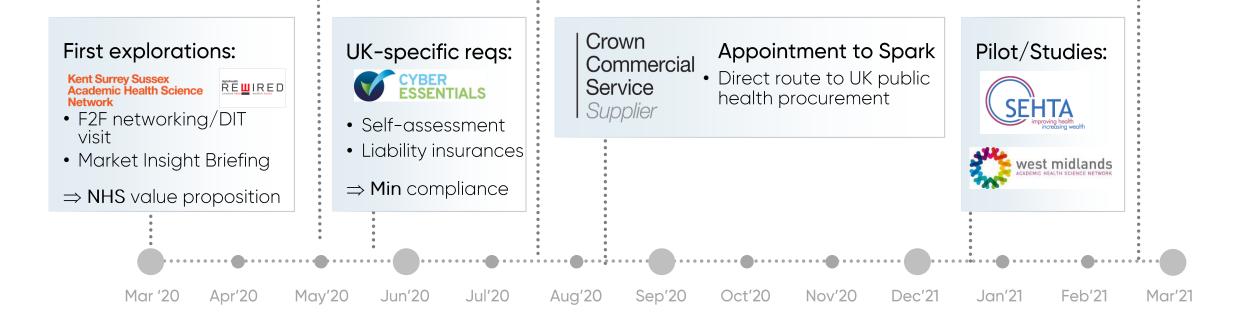
- Registering as a supplier
- Applying to Spark
- ⇒ Financial/legal docs

Assessment:

- Online questionnaire
- Submitting more evidence
- ⇒ NHS drivers (interop, CE, data security)

Tendering:

- Procurement process
- Submitting more evidence
- ⇒ Learning more detailed reqs



UK TIMELINE



BENEFITS OF TARGETING UK DIRECTLY



Value proposition is strengthened by thinking about NHS

Diverse and sophisticated buyers and clinical users: prefer to work directly than thru resellers

Diverse patient population

UK evidence => published results of UK clinical investigations are highly regarded

Support available (DIT, AHSN, SEHTA, etc)!

WHAT'S IMPORTANT?



Value proposition:

- What's the benefit? For who?
- Who pays? Why?
- ⇒ Evidence needed (clinical trials, health economic impact)

Data protection:

- NHS entity must be the controller
- Data Protection Impact Assessment
- ⇒ Showstopper

Regulatory compliance:

- CE or UKCA
- DCB0129 or DCB0160 (if applicable)
- MHRA registration
- ⇒ DTAC (in future)

UK roles:

- UK Responsible Person
- Clinical Safety Officer
- ⇒ Can be outsourced

Interoperability:

- FHIR
- SNOMED-CT
- ⇒ Capability to support interoperability (check NHS Digital, INTEROPEN,..)

UK experience:

- Helps with credibility
- Familiarity with regulations as minimum
- ⇒ Networking possible even with COVID

CONTACT

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