AIDE

A new operating system for the hospital

Haris Shuaib Al Transformation Lead The London Al Centre

@AI4VBH @haris_shuaib





Cross the gulf of innovation



ΑΙ

SKILLS TECHNOLOGY INVESTMENT



NO PEOPLE NO POLICY NO PLATFORMS

NO VALUE

Platform challenges for medical Al



Deployment of more and more Al models becomes an increasingly complex task to manage, creating large technical debt.



Interoperability is a

particular challenge for healthcare due to heterogeneity in clinical systems and patient data models.

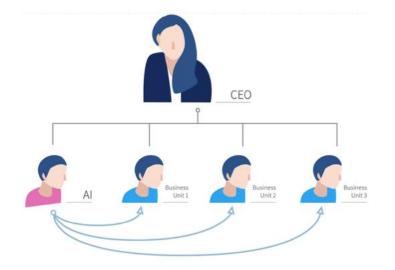


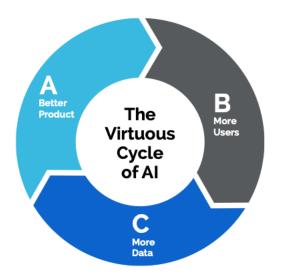
Evidence generation needs to be at the centre of the design, since many deployments of AI still require research and analysis of their performance.

An enterprise approach to Al

Break away from medical specialty silos

Lowering costs around staff and support





Enterprise-wide view

Managing technical risks

Continuous improvement



AIDE A new OS for the hospital





1995





2012

2021

1. One of the earliest photographic plates from Roentgen's experiments was a film of his wife, Bertha's hand with a ring, produced on Friday, November 8, 1895.

2. Setzner1337, CC0, via Wikimedia Commons

1895



A new paradigm for developers



AIDE









A platform for innovation

One phone, one app

AIDE AI Deployment Engine

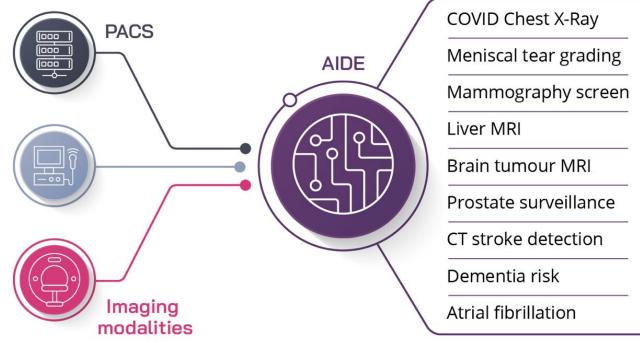
Integrates with clinical information



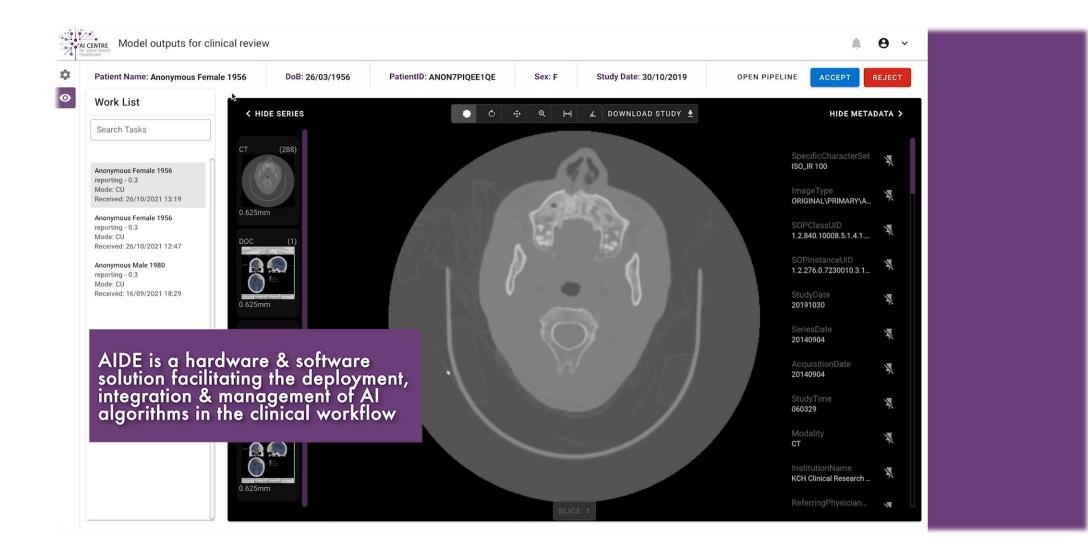
Systems (DICOM, FHIR, HL7) AIDE App Store to share and distribute AI applications.

Enterprise-wide platform for the management and deployment of Al.

Help manage technical, clinical and regulatory risks around AI deployment.



Demo

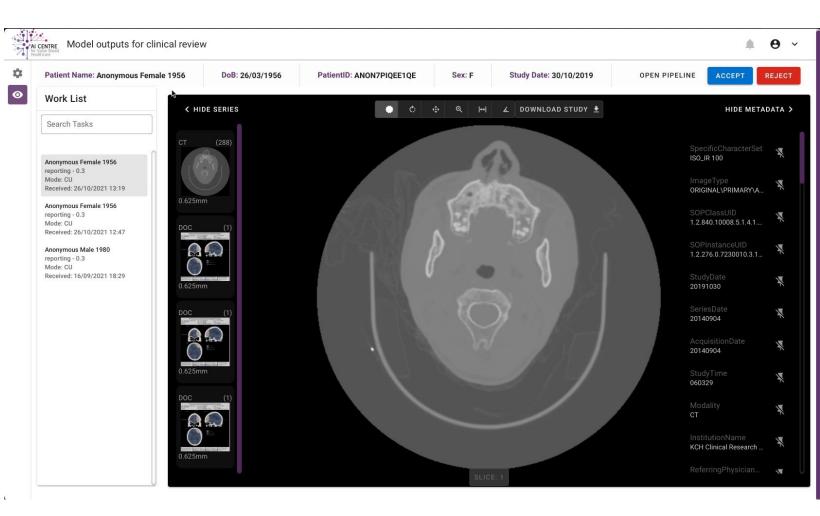


Managing the clinical risk

Clinical review

Earlier feedback to developers

Closing the feedback loop



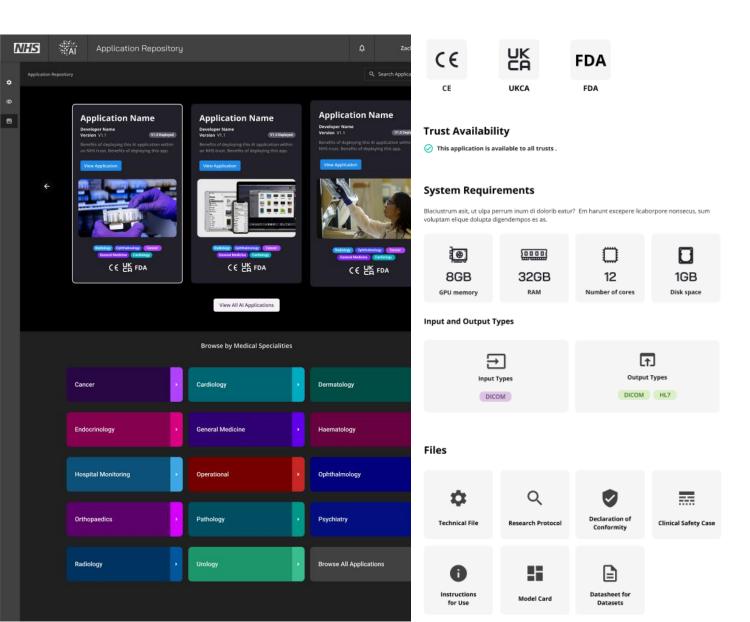
Scaling up digital clinical trials

Deploying in shadow mode

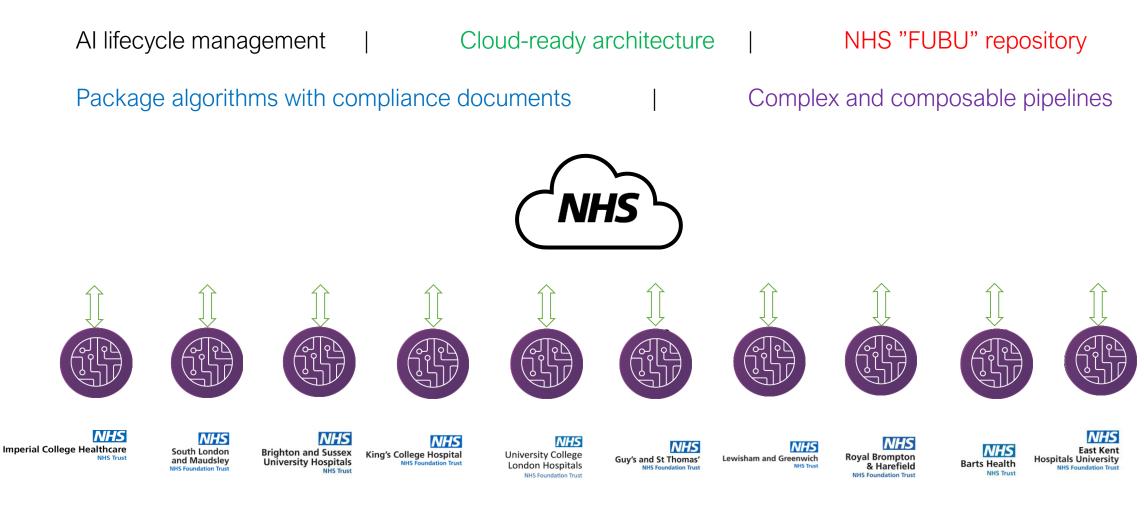
QA & research mode

Centralised reporting

App store with associated documentation



The rollout across London and the Southeast of England







We have a pipeline of 20+ AI applications to be deployed

If you are interested in joining the community: use QR code



AIDE

A new operating system for the hospital

Haris Shuaib Al Transformation Lead The London Al Centre

@AI4VBH @haris_shuaib



