Building world class digital systems to transform the NHS for both staff and patients

@ExpoNHS #Expo18NHS
The one thing the NHS cannot afford to do is to remain a largely non digital system...

…it’s time to get on with IT

Wachter Review September 2016
Citizen needs

We need to empower people to take control of their health and care with convenient, simple, multiplatform access to:

- Advice and info on how to manage healthcare and wellbeing
- Health and care records
- Appointment booking
- Trusted health and care tools
- Health and care professionals
- Repeat prescription ordering
A platform for other web-based services

- Creating a single point of access for NHS services commissioned, nationally and locally
- Stimulating the market enabling organisations to surface apps
Highest quality care

- Continuous improvement
- Incorporation of best practice
- Self regulating structure
- Monitoring of variation
Excellent digital

Cyber security

Information governance
Supporting the frontline

Machine based learning
For e-rostering and supply chain efficiency

Natural language processing
For gaining usable data out of clinical input

Virtual assistants
Open, connected, dynamic systems

Enabling those inside and outside the NHS to create great digital tools and services

• Health data APIs
• NHS standards
• Testing tools
• Health Developer Network

developer.nhs.uk
Data for business intelligence

- Real-time comparisons
- Understanding quality
- Improving safety
- Better planning
- Understanding efficiency
What the future looks like

World-Class levels of digitisation

Across all organisations
- Core capabilities
- Interoperability
- System transformation

Better care & operational delivery

Improvements in:
- Safety & quality
- Clinical outcomes
- Staff & patient experience
- Resource sustainability

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