



UK Health  
Security  
Agency

# Technology Opportunities to Support the Vaccine, Development and Evaluation Centre (VDEC)

# VDEC Overview

- The centre was launched on 7 August
- VDEC delivers Vaccines, Diagnostics and Therapeutics services
- Vaccines include:
  - Avian Influenza
  - COVID
  - Mpox
  - Hantavirus
- First movers to develop a vaccine against Crimean-Congo Haemorrhagic Fever (CCHF)
- Only UK laboratory working with high-consequence infectious diseases



Pictured above: Vaccine Development and Evaluation Centre Scientist, Tom Coleman

[Vaccine Development and Evaluation Centre will be 'step change' for UK's vaccine capabilities \(ukhsa.gov.uk\)](https://www.ukhsa.gov.uk/news/vaccine-development-and-evaluation-centre-will-be-step-change-for-uk-s-vaccine-capabilities)

# Technology Opportunities

✓ Delivered  
⌚ In progress

- Enable adherence to MHRA regulations ([www.gov.uk](https://www.gov.uk))
  - ✓ • Easy access to audit logs – enhancing ServiceNow to provide an accessible audit trail of our processes and systems
  - ⌚ • Training records – understand if we can use Office 365 to demonstrate good practice compliance of our people
  - ⌚ • VDEC onboarding training – to be trialled with a subset to Technology resources
  - ⌚ • Service Wrappers – understand technology supporting VDEC; introduce appropriate support and Service Level Agreements to meet their needs
- Software
  - ⌚ • Electronic Quality Management System – transforming the current paper-based process into an electronic process
  - ⌚ • Opportunities Assurance Group (OAG) – introducing a more agile solution, initially looking at trialling with existing technology
  - ⌚ • Many more coming our way...
- Strategic Network for Labs
  - ⌚ • VDEC is funding a discovery to build a network that enables Labs across the Agency to connect critical 3<sup>rd</sup> party software and devices to the network

# Technology Opportunities

✓ Delivered  
⌚ In progress

- Digital Services
  - ✓ • Options analysis – providing the business with options and costs for decision on Return on Investment
  - ✓ • Interim – utilise UKHSA GOV.UK page, engagement in progress
  - ⌚ • Strategic – build a compliant digital service to:
    - Showcase our research and capabilities globally
    - Ensure inclusion in discussions and decisions about pathogen risks and preparedness at a global level (WHO)
    - Demonstrate our thought leadership credentials
    - Increase our revenue from c£14m to 2/3 times more
    - Show how to contact VDEC
- ✓ • Support compliance to governance and approvals (Service Standards, Technology Code of Practice (TCoP), Digital, Data and Technology (DDaT) Assurance Board, Investment Board)
- ✓ • Tech Business Partnering presence at VDEC Operating Board