Board of Directors' Meeting
10 March 2022

Agenda item	039/22			
Report	Quarterly Digital Report			
Executive Lead	Director of Finance			
	Link to strategic pillar:		**Link to CQC domain:**	
	Our patients and community	√	Safe	√
	Our people	√	Effective	√
	Our service delivery	√	Caring	√
	Our partners	√	Responsive	√
	Our governance	√	Well Led	√
	Report recommendations:		**Link to BAF / risk:**	
	For assurance		7	
	For decision / approval		**Link to risk register:**	
	For review / discussion		1800	
	For noting	√		
	For information			
	For consent			
Presented to:				
Dependent upon (if applicable)**:**				
Executive summary:	The purpose of this paper is to provide an update on the Digital Programme progress. The Trust continues to progress the development of the Digital Strategy, delivering against a recently reviewed Digital Programme and planning a number of additional digital priorities. Following the successful implementation of Viewpoint and Vitals upgrade, the focus continues on the EPR Programme to implement a new Theatres system, followed by the Patient Administration and ED systems. New technologies continue to be deployed using single sign on, Windows 10 compliant devices and Office 365, to improve clinician and user experiences and to meet security requirements.			
Appendices:				
Lead Executive:				

1.0   Purpose

The purpose of this paper is to provide an update on the Digital Programme progress.

2.0   Strategy and direction

The revision of the SATH Digital Strategy was paused during December 2021 and January 2022, following the publication of a number of strategic national digital priorities. This was to enable alignment to the Shropshire Telford and Wrekin (STW) ICS digital priorities and ensure that we are best placed as an ICS, to exploit funding and support opportunities that have been reviewed nationally.

3.0   Plan and milestones

3.1   Clinical Systems

The Digital Programme was reviewed in December 2021 to confirm the digital priorities for the forthcoming 12 months.

The Trust continues to support the development of ICS digital system opportunities, such as an order communication and results reporting (OCRR) and electronic prescribing medicines management (EPMA) solutions, along with opportunities for digitally enabled care.

3.2   Core and enabling technologies

The Trust has invested in establishing a solid relationship with NHS Digital, NHSX and NHSE/I. This is key to understanding the complexity and limitations of a number of core replacement requirements that remain based on ageing technology.

3.3   System alignment and partnership working

The publication of 'What Good Looks Like' and introduction of a national place based digital development programme will require the creation of a 12 month costed digital investment plan for STW ICS, followed by a more detailed 3 year plan. This will be accompanied by additional investment to provide resource to support the production and delivery of the 3 year plan.

The national digital priority remains focussed on a 'levelling up' agenda, to ensure that every organisation has either implemented or will be implementing a new electronic patient record over the next 2 years.

4.0   Progress

4.1   Clinical systems

A digital solution to support the improved visibility and timeliness of information for Acute Medical Unit clinicians was developed and went live in January 2022. This provides much needed access to clinical information to support a number of patients across the Trust.

The new ultrasound reporting and image management solution, Viewpoint, went live in February 2022. This builds on the successful phased go live of BadgerNet Maternity in

August 2021 which is due to be completed by the end of March 2022 when all patients will be in BadgerNet Maternity.

The electronic observations and monitoring system upgrade, Vitals, including sepsis management, went live in December 21. This replaces a number of paper based processes and enables improved sepsis management reporting.

4.2 Core and enabling technologies

The new IT network has been procured and the project has now commenced, which will deliver improved connectivity across the hospital sites over a 2 year period and provides opportunities for improved connectivity across our partner organisations in health and social care.

Windows 10 has now been rolled out across the Trust, with a small number of devices requiring replacement prior to 31st March 2022, at which point business as usual process will continue to retain Windows 10 devices within a supported version. Office 365 will continue to be deployed across the organisation during 2022, with an assessment of automation tools that be utilised to reduce paper processes.

A number of additional security tools have been implemented in addition to enhanced password security and user access management.

4.3 System alignment and partnership working

The draft ICS Digital Strategy is due to be issued before April 2022, accompanied by the STW ICS Digital and Data Transformation Plan and the costed digital investment plans.

The digital groups continue to progress the development of the digital strategy which will evolve as the requirements emerge further and engagement continues with partners and voluntary organisations through the Digital Advisory Working Group.

5.0 Future deliverables

Following a revision of the Digital Programme sequencing, the following deliverables have been agreed.

5.1 Clinical systems

The EPR programme continues to build upon the successes of Viewpoint and Vitals, with a programme launch scheduled for late March 2022. Following a review of the sequencing of the Theatres, Patient Administration and Emergency Department modules, the Theatres module will be implemented during the summer of 2022, followed by the Patient Administration and Emergency Department modules by late spring 2023. Implementation dates will be refined further as the EPR Programme progresses.

The Shared Care Record, One Health and Care, will be launched in a number of clinical areas across the Trust from March 2022, commencing in ED. This will enable clinicians to view health and social care information in one digital solution, from a number of organisations – GPs, social care, community, mental health, acute and specialist – across Shropshire, Telford and Wrekin, Staffordshire and Stoke on Trent and the Black Country.

5.2   Core and enabling technologies

We will be commencing an exploration exercise from April 2022, to understand the requirements to transition to Windows 11 and we will seek to undertake this in tandem with system partners.

We will be focussing on automation and integration opportunities to improve device lifecycle management and continue to deploy single sign on technologies.

5.3   System alignment and partnership working

A number of business cases for ICS digital solutions are in development, these include; OCRR, EPMA, digitally enabled care and opportunities for improved interoperability with current digital solutions.

The review of our technical and digital maturity as an ICS continues, aligned to the place based development programme. This will be incorporated into the 12 month and 3 year costed digital investment plans.

6.0   Risks

A number of key risks to the delivery of the Digital Programme remain;

- Further impact of COVID-19 and operational pressures upon the capacity of the clinical and operational teams to engage fully with the Digital Programme

- Resource constraints upon Digital teams due to the level of implementation and engagement support required for clinical system deployment

- Additional or changing priorities introduced causing resource constraints and revision of the Digital Programme

- Device shortages due to global production reduction and increased demand

- Supplier capacity due to the level of funding distributed simultaneously and parallel deployment projects

- Availability of skilled and experienced temporary and permanent staff to support the Digital Programme

- Emerging security weaknesses and threats that require critical intervention, particularly in relation to the current political unrest

- Capacity within the ICS to continue to progress the opportunities for digital transformation and enablement

7.0   Conclusion

The Board is asked to note the contents of this report.