NHS
Royal Papworth Hospital
NHS Foundation Trust

Item 6

Report to:	Trust Board	Date: 3 January 2019
Report from:	Director of Digital and Chief Information Officer	
Principal Objective/ Strategy and Title	Strategic Development: Digital Strategy	
Board Assurance Framework Entries	Unable to realise the potential in the new hospital	
Regulatory Requirement	National Standards, National Information Board requirements Regulation 12: Safe care and treatment, Law	
Equality Considerations	None believed to apply	
Key Risks	Inability to meet national drivers to achieve digitisation with associated financial impacts/Security and compliance.	
For:	Information update	

1. Introduction

This paper is to provide an update to the Trust Board on key digital projects in 2018 – 2019

2. Digital Strategy highlights

The Digital Strategy board has oversight of the delivery of our Digital Strategy ''World Beating Care through Digital''. The strategy is 6 months into delivery of a two year programme.

Below is a table illustrating some of the directorates achievements

Fig 1. Snapshot of achievements 2018 – 19

- Digital have also made a submission of a bid for funds to the Cambridge and Peterborough STP for Digital funds for a share of 5.9m available from the recent Health Secretary Heath System Led Funding Initiative. Confirmation of £50K earmarked for Digital subject to Secretary of State Financial approval
- Evaluation in progress to determine appropriate Office 365 tools for Papworth
- Lorenzo in context management project to go to implementation stage early 2019.

3. New Papworth Hospital

The Digital team is on track for the New Hospital currently Amber due to 4 outstanding actions. Digital held a focussed lessons learned event in December and continue progress to mobilise technology for the new hospital learning from the implementation and challenges from the house. This process is informing the new hospital cut over plan.

3.1 Digital training strategy

A draft training strategy is under consultation through a new workstream. To support this approach the Digital Training have pooled resource to enhance productivity and deliver the Digital training needs of the Trust. The proposed training approach includes; Familiarisation, Device specific training, a super user programme, elearning, Quick Reference Guides, briefings and floorwalking throughout go-live.

4. Lorenzo Optimisation

Amongst many emerging benefits from the introduction of Lorenzo we have over 1.2m digitised clinical documents, improved patient safety through ePrescribing and reduced our carbon footprint by removing paper charts. A direct link between medication prescribing and blood results is now available to clinicians prescribing medications removing the need to click between screens saving time and improving safety. Royal Papworth will be first of type with session and context management in the new year which will see a reduction in the number of clicks needed to access records, delivering a considerable time efficiency benefit.

There are now over 50 CDC forms live in the system with over 25,000 forms being utilised every month which has seen immediate time saving and safety benefits with another three nearly complete. Work on priority CDC forms sent to DXC for building are on-going, these are expected into production just after Christmas.

Requests and Results (Order comms) has now been integrated with EPIC and messages are successfully being sent between the two systems improving patient safety and information available to busy clinical staff and lab technicians. Blood gas results are now also being imported directly into Lorenzo with a significant saving in clinician time previously used to transcribe these results. Microbiology proof of concept testing is in an advanced stage and will be signed off before building an interface will enable tests to go directly into Lorenzo (rather than a pdf going into EMR, reducing a manual process).

Optimisation initiatives and initiatives to help improve our use, and data quality include; User group, Lorenzo Bulletins, Training, Drop in sessions, Quick reference guides and one to ones. Increasingly more training materials is being developed as part of an elearning package but the development of competency based training for staff (in development) is also in development.

Cyber Security – The walls are going up...

5.

In April this year a further Cyber Attack on the NHS resulted in only a 16% response from Trusts acknowledging the attack, Papworth were just one of the very few which responded.

On 11th December 2018 the trust experienced a near miss; Ransomware detected by analytics prevented an attack in the form of an email with a file attachment. A datix has been completed, but as ever continued communications and vigilance is critical.

It is vital staff know their responsibilities and follow our new Acceptable Computer Use Policy

Switchboard, Paging and Faxing

6.

The new switchboard console has been commissioned to be installed at the new hospital and will be used for staff familiarisation prior to professional training to be provided by the supplier Cinos. The new call logger (Tiger), is up and running. The next stage will enable the programming team to gain access to the database enabling report writing and queries. Work has also started with installation of the new pager system on the new hospital site and which are activated and in test.

6.1 Scrap the Fax

Ahead of recent national advice we are currently progressing an initiative to reduce our overall number of fax machines in line with our expectations around 100% eReferrals, acceptable computer use and reducing legacy technology around the Trust. To date we have reduced the overall number of fax machines from 76 to 12.

Recommendation

7.

The board is asked to note this update.