Interoperable Systems Landscape

01 **Upgrade PAS**
Medway upgraded to V4.8 in Q2 2017, with regular upgrades planned. Medway PAS localisation in Q3 2018.

02 **Upgrade Bluespier theatres**
Bluespier repatriated to KMH. Electronic Consent, eSignature and context interface paused whilst Resource Module to be delivered Q3-4 2018-19.

03 **Service Provider lists within ICE**
A component of Sunquest ICE which is used for managing electronic requests and results. Implemented across the trust to allow inter-consultant referrals minimising risks associated with paper referrals, completion end Q3-4 2018.

04 **ICE upgrade**
Upgrade to the existing Sunquest ICE solution to provide the ability to request and review results on mobile devices. ICE Board re-established, V7 upgrade available, waiting on Data Centre Upgrade.

05 **Digital Health Records - Business Case**
The investigation and deployment of a solution to reduce patient paper records to support the realisation of paperless at the point of care. eDMS (digitising case notes), Clinical noting, NerveCentre Forms all working towards HER.

06 **Business Cases for e-Prescribing**
An ePMA (recording and tracking of inpatient medications) Business Case is being written for January 2019 NHSI Funding. Part of the National ruling for a paperless NHS. Reducing patient safety risk in wrong/missed prescribing and delayed discharges. Procurement process begun with Supplier demos in September.

07 **deployment of e-Observations**
VitalPAC replaced with NerveCentre, giving automatic escalations, electronic handover and task management for Hospital@Night, with the exception of ED (Q4). Bed management live Q3 and Dementia Module going live in Q4 2018.

10 **CDA-ITK Implementation**
A new national standard called FHIR (Fast Healthcare Interoperability Resources) for the production of letters and discharge summaries from acute trusts. Work has begun on ED whilst the remaining having a dependency on the ePMA.

13 **Winscribe Text Implementation**
To replace the current clinical correspondence solution comprising of Winscribe Digital dictation and EPRO document editor for creating clinic letters. Phase 1 completed August 2018. Remaining users to be migrated in Q3-4.

14 **e-Learning roll out**
Training in clinical applications so clinicians can do the training required at a time suitable to them. The Nurses module has been completed with the doctors and locum E-learning being rollout out in Nov/Dec 2018.

Interoperable Systems Landscape

Winpath replacement options

15 Winpath Enterprise options appraisal being pursued as a joint procurement with NUH.

SFH-NCC Interoperability

18 Provides secure connectivity between SFH and Notts CC to support patient flow and prevent unnecessary admissions. It gives clinicians access to an agreed data set from Mosaic. Social Care Referrals can now be sent directly to Mosaic.

NHS Net Mail Deployment

16 Migration of all existing email accounts from Microsoft Exchange (2003) to a standard NHS mail solution. Completed February 2018.

Relaunch Vocera

19 Replacement of old Vocera Badges and battery chargers upgraded, and mobile app installed on doctors Nervecentre iPhones, providing secure collaboration including text messaging, completed Q2 2018.

Outpatient Check in

17 The replacement and extended roll out of patient check in, allowing patients to check in for outpatient appointments electronically. Screens installed, kiosks ready for installation, and project rollout pursuing Q4 completion.

Information Driven Decision Making

Health Community Portal

03 Provides an overall view of a patients healthcare records data from SFH, NUH, Notts Healthcare, GP records and social care. Live within some areas of Kings Mill. Development continues with Radiology and Pathology results.

SystmOne ED information capture

Emergency Care Dataset is a mandatory requirement introduced by NHSE that had penalties attached for non-conformance. Implemented Q4 2017-18 **02**

Transformed Digital Operating Model

Account Creation Tool Implementation

03 A new system to automatically create Active Directory Accounts (to logon to the network). Currently these are created manually. Anticipated delivery Q3 2018 – Awaiting Partnership Board Approval

Mobile Devices

A new single mobile device contract has been agreed with Vodafone, providing a reduction in running costs. Rollout will occur from Q3 2018-19 **08**

Digital Enabled Change

Nervecentre Bed Management

01 The implementation of NerveCente bed management across the trust, enabling a clear view of the bed state and pressures on the trust. Delivered Q3 2018.

Resilient, Stable and Secured Infrastructure

02 — **PC Replacement Programme**
All Dell OptiPlex 760 and below will be replaced as part of 17-18 and 18-19 PC replacement programme, with 99% of Win XP also replaced

07 — **Review of Business Continuity Plans**
An extensive review was conducted post WannaCry to ensure continuity plans were updated as a result of any lessons learned. Business continuity being reviewed as part of the Data Centre implementation, Q3 2018.

03 — **Orion Implementation**
SFH portal solution. A major upgrade is being performed that enable access to GP data and integrate other systems into the portal, removing the need to have multiple logons. Pilot to commence in Q3 2018, with full rollout to follow.

08 — **Data Centre (Backup)**
Backup solution will be incorporated as part of the Data Centre implementation Q3 2018

04 — **Data Centre Solutions Implementation**
Implementation of a new datacentre solution that provides a mirror image of data from Core 1 into Core 2, with the addition of offsite resilience at Duncan Macmillan House. Implementation completion Q3 2018.

09 — **Community of Interest Network Replacement**
BT were awarded a 5 year contract to upgrade the existing Community of Interest Network. This Network allows secure access to the National NHS systems, N3, the internet and the NHIS datacentre. Completed Q4 2017-18.

06 — **Cyber Security Assurance Programme**
This focuses on enhanced security of networks and systems, including the monitoring of a number of Cyber Security KPI's to ensure system resilience could be maintained against any future Cyber-attacks

10 — **Microsoft operating system licensing**
To replace the operating systems currently in place as provided by the national (expired) Microsoft Enterprise Wide Agreement. Windows 10 has now been funded Nationally and a Q4 2019/20 implementation is required.