

EXECUTIVE SUMMARY**REPORT TO THE TRUST EXECUTIVE GROUP****HELD ON 19th JUNE 2013**

Subject	Sheffield Teaching Hospital NHS Foundation Trust Technology Strategy
Supporting TEG Member	Kirsten Major
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Status¹	A*

PURPOSE OF THE REPORT

To present the Technology Strategy for Sheffield Teaching Hospitals NHS Foundation Trust for approval. The Technology Strategy is a five year vision and roadmap for the development of Information Technology. It consists of three parts:

- Part 1 – Technology Requirements
- Part 2 – Technology Strategy
- Part 3 – Technology Roadmap

KEY POINTS

The Trust recognises that technology will enable more efficient, effective clinical decisions as well as improving the overall quality of patient safety and care. It will not be possible to deliver the highest quality of compassionate care without investment in IT systems to transform clinical services.

The strategy puts patients, their outcomes and safety, first. The delivery of this Technology Strategy will enable STH to devote more resources to patient care, to improve the holistic patient experience and to deliver more effective, reliable patient care. At the same time it will help staff work more efficiently and further improve safety. Patients will see significant benefits as staff will be able to spend more time with them and they will be much more involved in their own care.

The Strategy's core purpose is to provide the single reference point for all information technology to be developed for the Trust over the next five years in a way that is at a high enough level to be accessible, but with sufficient detail to enable detailed solution design. It is designed to be stable and to change at most annually, providing an anchor point that enables the Trust's information technology delivery to be steered effectively in the long term at the same time as meeting day to day operational needs. It answers three fundamental questions:

- **Why are new technology capabilities required by the Trust?** In other words what are the clinical and non-clinical needs the technology needs to satisfy in the future?
*This question is addressed in **Part 1 - Technology Requirements**. This part summarises the clinical and non-clinical technology requirements gathered from across the Trust during early 2013 and organises them into requirement themes that represent the major areas in which technology is required to support the Trust's strategic and operational needs.*
- **What will technology deliver?** In other words what are the potential solutions to enable the Trust's strategic objectives to be achieved? Answering this question is fundamental to the formation of the project portfolio that STH will undertake with suppliers, and to guiding the delivery of new information systems.
*This question is addressed in **Part 2– Technology Strategy**. This part develops the Technology Requirements and shows how they will be met by a set of five strategic Technology platforms. The document shows how the Technology platforms will also meet the requirements of the wider Efficiency Programme, and external drivers such as the recommendations of the Francis Report. The Strategy also sets out the Technology Principles that will govern future choices of specific technologies to ensure that the Trust progresses towards a coherent set of integrated technology solutions over time.*
- **How will the technology be delivered?** What is the high level delivery plan for the technology solutions identified? Answering this set of questions will guide the work of STH's Project Portfolio Management activity, and the change management activity including communication, education and training, and talent development.

*This question is addressed in **Part 3 – Technology Roadmap**. This part shows how the Technology Platforms will be delivered over a five year timeframe. It uses a framework of three portfolios of investment, the current portfolio; improvement projects that will deliver early benefits in the 1-2 year timeframe; and strategic projects that will deliver longer term (3-5 year) benefits.*

Areas not covered by this strategy:

This Technology Strategy needs to be complemented by the Communications and Engagement strategy that describes the vision for how STH plans to use technology to communicate with patients during the delivery of services and how the Trust will actively engage with patients during consultation or general communication.

An Information Strategy still needs to be developed that identifies the Trust's management and clinical reporting requirements and the capabilities needed to meet these requirements. This will need to address how the Trust will use intelligence to drive decision making for the Board and all operational services.

Finally, this strategy does not cover the IT systems linked to medical equipment or independent clinical systems (currently under the remit of MIMP).

IMPLICATIONS²

AIM OF THE STHFT CORPORATE STRATEGY 2012-2017		TICK AS APPROPRIATE
1	Deliver the Best Clinical Outcomes	✓
2	Provide Patient Centred Services	✓
3	Employ Caring and Cared for Staff	
4	Spend Public Money Wisely	✓
5	Deliver Excellent Research, Education & Innovation	✓

RECOMMENDATIONS

That the Technology Strategy is approved for onward submission to the Board of Directors.

APPROVAL PROCESS

Meeting	Date	Approved Y/N
TEG	June 19 th 2013	
Board	July 17 th 2013	

¹ Status: A = Approval
 A* = Approval & Requiring Board Approval
 D = Debate
 N = Note

² Against the five aims of the STHFT Corporate Strategy 2012-2017