



IT PROCUREMENT FOR CORPORATE & GOVERNMENT

Case Study

EPR (Electronic Patient Records) Training Suite

Systems Assurance Ltd
12 Collegiate Crescent
Sheffield
South Yorkshire
S10 2BA
Tel: +44 (0) 114 292 4000
Sales@systemsassurance.com

Rotherham NHS Foundation Trust are leading the way in clinical excellence and efficiency according to the Healthcare Commission's star rating system. Rotherham General Hospital has consistently achieved the maximum three stars - the highest level any Trust can achieve. To continue the theme, they have set themselves the ambitious goal of becoming paperless within 3 years.

The Rotherham 
NHS Foundation Trust



Who: Rotherham NHS Foundation Trust
Where: Rotherham, S Yorkshire
Why: Staff Training Solution
Kit: LG LCD screens, Audio Visual Connectivity faceplates
Ref: Roth_Gen_1rev4.1

With a new EPR (Electronic Patient Records) solution supplier chosen early last year and their system set to go live in August 2011, the trust already began preparations for the new system with a £4m investment. This includes a fibre-optic network, a complementary wireless network, computer upgrades and network capabilities the trust introduced included wireless RFID patient and equipment tracking. One small but vital part of their plans is staff training. Over 1500 staff had to be trained within 3 months.



"Systems Assurance went the extra mile to deliver us a system that delivered more than we initially asked for but remained cost-effective..."

EPR Project and Supplies Team at Rotherham NHS Foundation Trust

Case Study Brief

Business Requirements

Rotherham NHS Foundation Trust provides a comprehensive range of hospital based Medical, Surgical, Paediatric and Obstetric & Gynaecological services that are all located on the one site. The hospital is a major provider of high quality health care in South Yorkshire and to the local population of 252,000.

They lead the way in clinical excellence and efficiency according to the Healthcare Commission's star rating system. Rotherham General Hospital has consistently achieved the maximum three stars - the highest level any Trust can achieve. To continue the theme, they have set themselves the ambitious goal of becoming paperless within 3 years.

As a forward thinking trust and in preparation on meeting their efficiency targets, they embarked on a new EPR (Electronic Patient Records) system to be fully operational by the end of 2011, one of only a few trusts in England to adopt the scheme. This of course meant large numbers of staff (over 1500) would need to be trained on the new system in a very short space of time.

Future proof Audio Visual infrastructure needed to be implemented around the training suite together with networked displays.

The Requirements

- Durable large bright Displays
- Whole installation done from start to finish. Source – Supply - Install
- Secure installation with minimal disruption.
- Complete failsafe systems
- Reliable and adaptable to keep pace with future demands
- Delivered in time within budget before the New Year

The Technology

- LG 42" HD Ready LCD Displays
- Gyration Air Compact Suite Wireless Mice
- Vogels Universal/Sloping Ceiling Mount Kit
- Chief Uni 42-71 Max-adj Tilt Wall mount
- AV Face Plate-VGA,SVHS,Comp Video,,Audio L & R,USB type-A 10m Lead +BackBox
- Cat5 & SVGA Cabling

The Benefits

- Cost effective solution evaluated, sourced, installed and tested by one supplier on time and well within budget
- Massive savings over a traditional Audio & Visual supplier.
- Training suite ready in time for EPR project.
- High-tech training suite for future training projects the trust have.
- Reliable Audio Visual infrastructure.

Systems' Solution

A Systems Assurance consultant conducted a site survey and together with their account manager explored various options whilst taking into account all RFT's concerns.

Following the site survey and taking into account RFT's deadline, we opted for the LG 42" Screens, they provided clear displays with very high contrast ratio to cope with the fluorescent lighting. They were readily available and could be delivered to site within hours of the AV infrastructure installation.

For the AV infrastructure, Systems Assurance were given a brief outline which included easy connectivity and near invisible cabling. RFT wanted a clean solution that would last. It was decided AV faceplates with USB capabilities would be needed to guard against future expansion.

We mounted 7 screens on the central wall in each room via industrial, adjustable mounts. First we removed the ceiling tiles to install the cabling. We also removed the perimeter trunking where appropriate. LCD power cabling, network cabling and AV cables were contained within pre-installed conduit where available. When that wasn't possible we tied the cables off to floor and ceiling using appropriate anchoring. On completion of the installation all perimeter trunking and ceiling tiles were reinstated and the system fully tested.

RFT wanted a complete solution from a supplier they had previously used and trusted, they wanted all the equipment and services from one place at the best price possibly without compromising on quality or time.