

## CASE STUDY: EAST SURREY HOSPITAL

HEALTHCARE

### BRIEF

#### East Surrey Hospital had 4 requirements:

1. Provide a suitable communication system to allow communication between nurse stations
2. Integrate solution to client LAN
3. Design of suitable IP door entry system
4. Complete installation to live environment



### SOLUTION

#### 1. UPSCALE

East Surrey Hospital provides emergency, maternity, children's and complex services. The client contacted Ansador through a recommendation in order to provide a solution. With a demanding 24/365 operational hospital, having communication between 41 nurse stations has always been a concern. An easy to use system was required.

#### 2. MONITOR COSTS

Having worked in healthcare services for over 30 years, Ansador had a solution and presented the concept to key NHS decision makers. The concept involved utilising the existing LAN on which to install an IP door entry system. With bandwidth calculations completed and a CAD design prepared, the client engaged Ansador to implement the system.



### 3. BESPOKE SYSTEM





A full IP Castel system was designed and installed to 41 nurse stations and clean rooms within the hospital. The waterproof entry stations installed offer fast and easy communication for inter-nurse station communication with pre-programmable redial facilities for use in emergencies meaning that dial times are reduced.

## CHALLENGES

With all hardware installed and IP addresses provided, Ansador network engineers worked alongside the client IT department to commission the system on a new security intercom V-Lan.



## RESULT

-  Wall mounted nurse call stations installed
-  Network configured to accommodate new V-Lan
-  System commissioned to client satisfaction
-  Additional stations being added with room for expansion

## FACT BOX

### Systems Used



Castel



Netgear

### Service



CAD Design



Intercom



Networking