Bed / Nurse Call Interface System

Q1. Who is the headwall (medical trunking) and nurse call manufacturer?
A1. Static Systems Group is the designer and manufacturer of the medical trunking and nurse call system. Their head office and manufacturing facility is based in the U.K. where they are the market leader in acute healthcare communication systems and bed head service provision with over 40 years’ experience.

Q2. What is the business relationship between Huntleigh Healthcare and Static Systems Group?
A2. Static Systems Group and Huntleigh Healthcare are two independent organisations that have collaborated and developed a bed interface system that connects the bed and many of its systems to the nurse call system.

Q3. What benefits does this bring?
A3. This allows many of the functions at the bed to be displayed remotely at the nurse station. This is particularly useful for transmitting nurse call and bed exit alarm information.

Q4. How does the system operate?
A4. **Huntleigh Bed System:**
This is connected to the nurse call system and allows nurse calls, bed exit alarms, volume, channel and bed luminaires to be controlled from the Huntleigh bed control panel. The bed is connected to the nurse call system via a cable that plugs into the headwall.

**Nurse Call System:**
Panels are mounted in hospital areas, such as wards or behind patient’s beds. Typically the nurse call features are controlled by a patient hand unit or a nurse call panel and displayed at the nurse station. Additional features can also be included such as entertainment, lighting control and speech.

Q5. What technology does the nurse call system utilise?
A5. The technology utilises a distributed processing system, where there is no single control unit as individual nodes have local processing power and communicate directly with each other.

Q6. Will the bed or nurse call system work if it is disconnected from the headwall?
A6. Yes, the nurse call will continue to operate correctly as an independent system without the bed connected and the disconnection will be logged. Activation of the bed panel nurse call button and bed exit alarm information will no longer indicate on the nurse call system. Entertainment features will also be lost until the bed is re-connected.
Q7. What will happen to the nurse call system if there is a power cut?

A7. This depends on the type of mains supply and system power pack used. If the system is powered using a battery backed up supply, then the system will continue to operate normally on batteries. If the system is fed from a normal supply then in the event of a power failure the system will effectively cease to operate. Upon power being re-applied any active emergency calls will be reinstated on the system.

Q8. Will the bed connection to the headwall work on other nurse call systems?

A8. This would require an interface to be developed by other manufacturers to enable them to accept the Huntleigh bed inputs. The level of functionality will depend on what can be offered by other suppliers and the chosen level of integration.

Q9. Can the nurse call system provide a speech facility?

A9. The nurse call system is able to provide full duplex speech to enabled headwall unis. The system allows one speech channel per ward, with further speech options such as holding a call depending on system specification level. Speech can also be provided by wireless handsets.

Q10. What about IP functionality?

A10. There are options to allow the system to be connected to an IP network where a facility/function requires an IP connection. Examples of these functions include access to call logs via client web browsers located on an IP network or mater display of all connected systems.

Q11. What happens if changes to the operation are required?

A11. Fusion-IP systems are software based making them very flexible. This enables functionality such as label changing or operation of connected facilities to be amended so that the new operation profile can be uploaded; typically via a laptop computer.