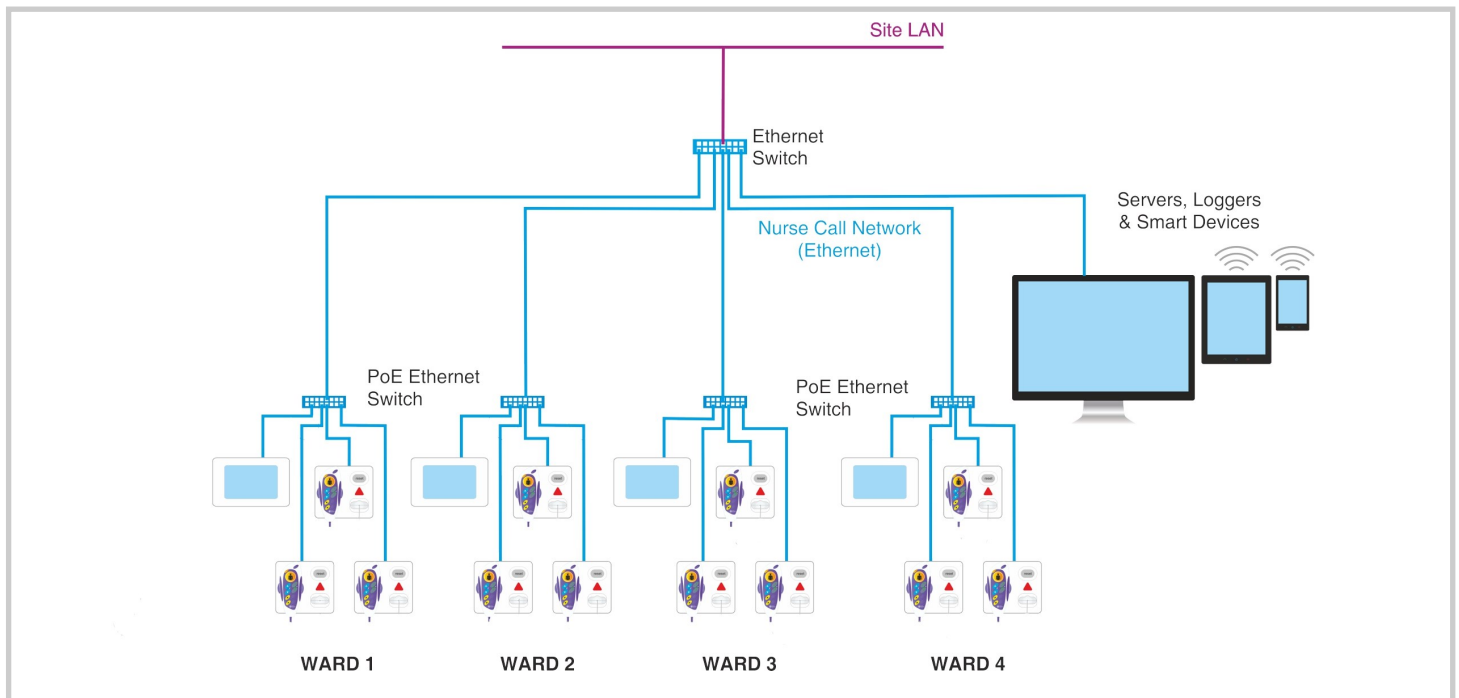


Ultima™ System Overview



STATIC SYSTEMS
HEALTHCARE
COMMUNICATION SOLUTIONS

Issue 4 (04/2021) - 1



At a glance

- **Structured wired** to full Ethernet standards
- **Systems are full IP** powered via Power-over-Ethernet (PoE) ready for LAN connection
- **Easy replacement** 'plug-in' units
- **Distributed Intelligence** allowing each nurse call system to independently of the network
- **Easily expandable**
- **Extensive range** of enhanced facilities to assist with task management and promote patient well-being
- **Ideally suited for:**
 - Ward refurbishments
 - Acute hospitals
 - Specialist hospitals

Ward and Networking Cabling

The Ultima™ solution utilises structured cabling throughout to the TIA/EIA-568-B standard. The devices (nodes) are powered via Power-over-Ethernet (POE) to IEEE802.3af-2203 and IEEE-802.3at-2009 standards, meaning power and data are delivered along a single cable.

Cables compatible with the system are:

- CAT5/CAT5e
- CAT6/CAT6e
- CAT7

Structured wiring from PoE switches:

- Stand PoE - 12.5 Watts required
- PoE+ -25Watt compatible
- Maximum distance from node to switch: 90 metres + 5 metre patch at each end of the cable

All switches and routers should be powered from the essential supply, with UPS back-up.

System features

	Ultima™ (Wired)	Codemlon™ (Wired)	Aspire SmartSync® (Wireless)		Ultima™ (Wired)	Codemlon™ (Wired)	Aspire SmartSync® (Wireless)
Patient Care				Workflow Efficiency			
Cardiac Alarm	✓	✓	✓	Clinical Reporting & Analytics	✓	✓	✓
VoIP Speech	✓	✓ (Duplex)		Pop-up Messaging	✓	✓	✓
Follow Lights	✓	✓	✓	Smart Device Messaging	✓	✓	✓
Call Escalation	✓	✓		EMR & EPR Integration	✓	✓	✓
Staff Assistance (Emergency Call)	✓	✓	✓	Staff Assignment	✓	✓	✓
Remote Call	✓	✓	✓	Telephony Integration	✓	✓	✓
Bed Isolate	✓	✓		Named Presence	✓	✓	✓
Bed Transfer	✓	✓	✓ (Permanent Repeat)	Task Assignment	✓	✓	✓
Disabled Toilet Call	✓	✓	✓	RTLS & Asset Tracking	✓	✓	✓ (Standalone)
Patient Safety	✓	✓	✓	Email Alerts	✓	✓	✓
Medical Alarm Alert	✓	✓	✓	SMS Messaging	✓	✓	✓
Auto-lighting	✓	✓		Access Control	✓	✓	✓
Bed Exit Alert	✓	✓	✓	Staff Paging	✓	✓	✓
Smart Sensors	✓	✓		Dynamic Communication			
Medical Device Integration	✓	✓		Fire Alarm Integration	✓	✓	
Door Monitoring	✓	✓		Medical Gas Indication	✓	✓	✓
Baby Tagging & Infant Security	✓	✓		HL7 Connection	✓	✓	✓
Safety & Wellbeing				Wide Area Network-ing	✓	✓	✓
Staff Attack Alarm	✓	✓	✓ (Standalone)	Multi-site Networking	✓	✓	✓
Staff Assistance	✓	✓	✓	Engineer Support			
Door Monitoring	✓	✓		Engineer Reporting & Analysis	✓	✓	✓
Fire Alarm Integration	✓	✓		Remote Diagnostics	✓	✓	✓
Patient Experience				Remote Configuration	✓	✓	
Catering Call	✓	✓		BMS Integration	✓	✓	✓
Lighting Control	✓	✓	✓	Plant Alarm Indication	✓	✓	
Heating Control	✓	✓					
Blinds Control	✓	✓					
TV Control	✓	✓					
Patient Experience Reports	✓	✓	✓				

In line with our company policy of continuous product development, we reserve the right to change design and improve specification without prior notice.