smartsigns®

Central View

64 BED CENTRAL MONITORING SYSTEM

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The digital picture

Acknowledging the benefits associated with central monitoring systems, Central View provides users with a comprehensive set of features which contribute to departmental workflow and productivity. The upgraded Smartsigns Central View central monitoring system provides users with much higher levels of remote patient management, surveillance and integration.

Smartsigns integrated monitoring

Each installation is capable of synchronising and gathering real time data from up to 64 connected Smartsigns devices.

Devices may be spread between different departments or floors, in each case, Central View will communicate with any number or combination of Smartsigns connected devices:

- SC500 Vital Signs Monitor (future product)
- SC1200 12" bedside monitor
- SC1500 15" patient monitoring system

Flexible choices

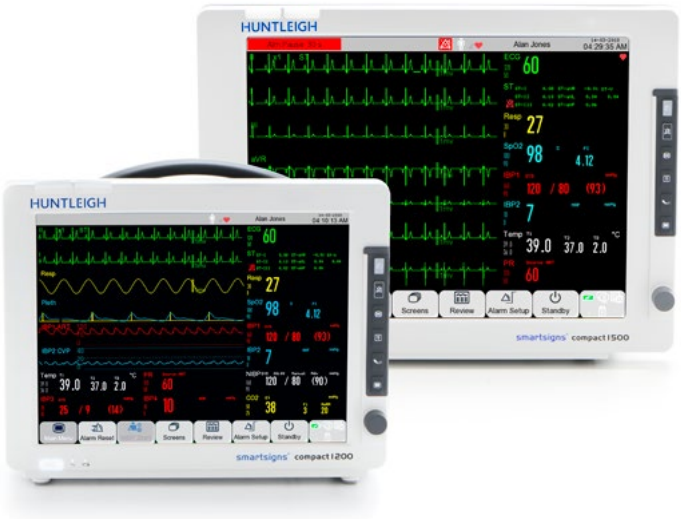
To suit regional differences and local IT policies, Central View is available in two different packages:

Option 1 – Software only

- Software and Smartsigns security key. The software is accessed via a secure download link, the customer will source hardware locally.

Option 2 – Complete system

- Software and hardware comprising high performance PC with solid state hard drive, Central View software pre-installed, 2 x 24" displays, sound bar, keyboard, mouse, laser printer, 64 way network switch, Smartsigns security key and Windows® 10 OS.



Key features

Central View is equipped with the following advanced features:

- Up to 64 monitor connection points with bi-directional control
- Multi bed and single bed overview
- 2 x 24" wide screen displays allows the user to view each of the connected devices simultaneously (multi bed view)
- View and re-call up to five days (120 hours) worth of data
- Graphical and tabular trend information
- 100 cardiac arrhythmia events and supporting waveforms (32s duration)
- 200 Alarm events (physiological and technical)
- 5,000 NiBP measurements
- Display up to 12 real time waveforms per bed including an Oxy-CRG display for neonatal patients
- Bed to Bed functionality - all connected devices can be accessed from any similar device connected on the same network
- Comprehensive report generation for patient management and administration
- Real time waveforms
- ECG waveforms – 3, 5, 7 or full 12 lead disclosure
- Data storage and retrieval capability allows users to chart patient status
- Three level graded alarm management function alerts users to changes in patient status
- Multi condition query function enables quick search of patient database
- HL7 output for extended data sharing and integration

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Intuitive operation

The simple, effective user interface found on each of the Smartsigns monitors is replicated on the workstation; this ensures that consistency and familiarisation is exercised at either end of the system whether you are operating at the work station or alongside the patient.

Advanced alarm management, event storage, waveform re-call functionality and report generation improves departmental productivity.

Full 24/7 operation and bidirectional communication as well as a bed to bed network functionality enhances the level of integration and control provided by each installation.

The small footprint of the mini desktop workstation and integrated sound system ensures the working space is free from clutter.

"Care of the critically ill requires prompt and accurate decision making"

Typical installation includes

Primary display
- Multi bed overview
- On screen monitors
- Off screen monitors

Secondary display
- Real time

Comprehensive reporting

Multiple real time waveforms or historical data can be re-called and printed in A4 format on the system's laser printer.

Technical Specification

Central View – Software only
Central View security key
Download link – Central View application and support documentation

Central View – Complete System
Central View Application pre-installed
Mini Desktop PC (running Windows 10 OS), keyboard, mouse
LCD Monitor 2 x 24"
Laser printer
USB cables
Network switch (65 way min.)
Central View security key
Support documentation

Protecting your investment

Central View has been designed for 24/7 operation and maximum levels of reliability, it operates on a proven Windows® operating system and a solid state hard drive.

As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

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