

iCentral

Expanding network integration



iCentral and iCentral Client support expanded network integration by interfacing with both the Unity and S/5 patient monitoring networks. Because it captures the in-hospital monitoring history throughout the patient's hospital stay, iCentral helps ensure continuity across care areas. Clinicians can access real-time, historical patient data and full disclosure for a complete overview of the patient's current condition. Patient data can be presented in organ-specific and other clinically organized views to help support clinical decision making.

Clinical information access

- View real-time data and review historical patient information
- Visual and audible alarming for patients connected to the iCentral
- Up to 32 iCentrals, 32 iCentral Clients, and 1024 patient monitors in the network
- Simultaneous monitoring of up to 32 patients
- Support for information management and system interfacing
- Integrated web browser for accessing external web-based information resources

Data continuity across the patient stay

- Continuous collection of patient monitoring information through the patient care process
- When a patient is transferred between departments, the patient record is immediately retrievable in the new department; patient trends from the central station can be sent to the bedside monitor ¹
- Patient records include demographics, care notes, trends, events, snapshots, full disclosure and interfaced information

iCentral and iCentral Client comprehensive patient history review

- Bed-to-bed viewing of alarms, waveforms, numerical values and trends between monitors on the network ²
- Printing to electronic PDF format at the iCentral and iCentral Client
- Supports two independent patient screens
- Data is grouped to organ-specific cardiac, circulation, ventilation and brain views
- Centralized viewing and display – alarms with associated priorities, numerics, real-time waveforms, and alarm limits from patient monitors
- Optional 24 or 72 hours of graphic and numerical trends stored at iCentral depending on the monitor software ³
- Optional 72-hour event history with up to 500 snapshots, including all clinical alarms as well as manual snapshots
- Optional 28 or 72 hours of full disclosure
- Supports wireless patient monitoring (WLAN)



Features for telemetry and patient monitors on the CARESCAPE™ Network

- Update of basic patient admission data at iCentral ⁴
- Upload patient trends to any S/5 patient monitor ⁵
- Bed-to-bed viewing – Dash®, Eagle and Solar® monitors can be viewed at the S/5 monitors ⁶
- Full disclosure for up to 5 waveforms with 7-lead ECG at iCentral
- ApexPro® telemetry requires the CARESCAPE CIC Pro with telemetry receivers and the ApexPro telemetry infrastructure

Features for patient monitors on the S/5 Network

- Remote silencing of bedside alarms
- Changing alarm limits remotely at central station (optional)
- Admission with full patient demographics information at iCentral
- Upload patient trends to the monitor to continue patient trends from another bed location
- Full disclosure for 23 waveforms per patient at iCentral
- Printing to network printer or recorder initiated at bedside

Note: The Unity Network® has been renamed to the CARESCAPE Network. Not all references to the Unity Network will be changed immediately; Unity may appear in some places and CARESCAPE in others. It is important to understand that while the CARESCAPE Network replaces the Unity Network name, they refer to the same GE monitoring network.

- 1) Note: This feature not supported by the GE Unity Network compatible patient monitors
- 2) Note: Feature is dependent on installation and monitor type; please refer to technical documentation for details
- 3) Note: Not with Light Monitor
- 4) Note: Admission must be confirmed at bedside
- 5) Note: Upload to Dash, Eagle or Solar monitors from S/5 monitors is not supported
- 6) Note: Bed-to-bed is not available on Unity network monitors from S/5 monitors

Technical specifications

Network computer

C-XPNET5

Memory size	2 GB (min)
Processor	Intel® Core™ 2 Duo E6550 2.33 GHz (min)
Hard disk capacity	160 GB (min)
Dimensions (H x W x D)	45.6 x 16.8 x 45.0 cm (17.9 x 6.6 x 17.7 in)
Voltage	100 to 240 VAC, 50 to 60 Hz
Rated input current	10A @ 100 to 127 VAC, 6A @ 200 to 240 VAC
Typical power	< 200 W
Weight	15.9 kg (35.0 lb)
Operating system	Windows® XP
Peripherals	Localized keyboard and mouse

Displays

D-LCC19-02

Characteristics	19 in SXGA active matrix LCD
Resolution	Up to 1280 x 1024 pixels
Voltage	100 to 240 VAC, 50 to 60 Hz
Input current	1.2 A maximum
Audio	Integrated amplifier and speakers
Dimensions (H x W x D)	43.7 x 41.3 x 22.0 cm (17.2 x 16.2 x 8.6 in)
Weight	7.7 kg (17.0 lb)

Printers and recorders

P-CENTR

Characteristics	Monochrome laser printer, Brother® HL-5250DN
Printing resolution	Up to 1200 x 1200 dpi
Power supply	220 to 240 VAC, 50 to 60 Hz
Dimensions (H x W x D)	24.6 x 37.1 x 38.4 cm (9.7 x 14.6 x 15.1 in)
Weight	9.8 kg (21.6 lb)

N-REC2

Characteristics	50 mm thermal array recorder
Number of traces	2
Power supply	100 to 240 VAC, 50 to 60 Hz, consumption 100 W
Dimensions (H x W x D)	17.1 x 8.9 x 17.8 cm (6.75 x 3.5 x 7.0 in)
Weight	2.2 kg (4.9 lb)

Supported patient monitors and devices

Anesthesia Monitor
ApexPro Telemetry
Cardiicap®/5
CARESCAPE Mobile Viewers™ (Web Viewer, Pocket Viewer, Cellular Viewer)
Critical Care Monitor
Compact Anesthesia Monitor
Compact Critical Care Monitor
Dash 2000, 3000, 4000
Eagle 3000, 4000
FM
Light Monitor
Solar 7000, 8000, 8000M

Specifications may vary depending on the specific model.

For technical specifications on the iCentral/iCentral Client PC, display, recorder and printer, refer to the user documentation supplied with the respective equipment.

For technical specifications on the Unity Network and ApexPro Telemetry, refer to the user documentation supplied with the respective systems.

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Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care “Early Health.” The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

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imagination at work