



Network Design & Integration Services

Getting patient data to where it needs to be. Safely. Securely.



Exceptional network design and integration expertise. Flexible and scalable solutions.

Patient data is priceless and needs to be treated with the utmost care. You need to know that your patient data is getting to where it needs to be, safely, securely and seamlessly. You need a proven device integration partner that knows your complex world, that knows GE Healthcare devices.

GE Healthcare's exceptional Network Design and Integration team knows hospitals. With our extensive experience in defining system requirements and technical specifications, including IT system designs, data connectivity between hospital information systems, SQL services and technologies such as RF, Cellular, Wi-Fi and LAN/WAN, the resulting solutions not only work in today's healthcare organizations, but are flexible and scalable for future expansion.

Integrating GE patient data. It's what we do.

Interfacing experience:

Allscripts, Cerner, Epic, McKesson, Meditech, OnBase, Siemens, VA/DOD and other EMR systems.

Industry certifications:

Cisco, Citrix, Cloverleaf, HL7 and iBwave.



Computer Network Design and Configuration Services



HL7 Interfaces Programming



Database Data Reconfiguration



Wireless Network Design and Configuration Services



In-building Cellular Network Design



RFID Design Services

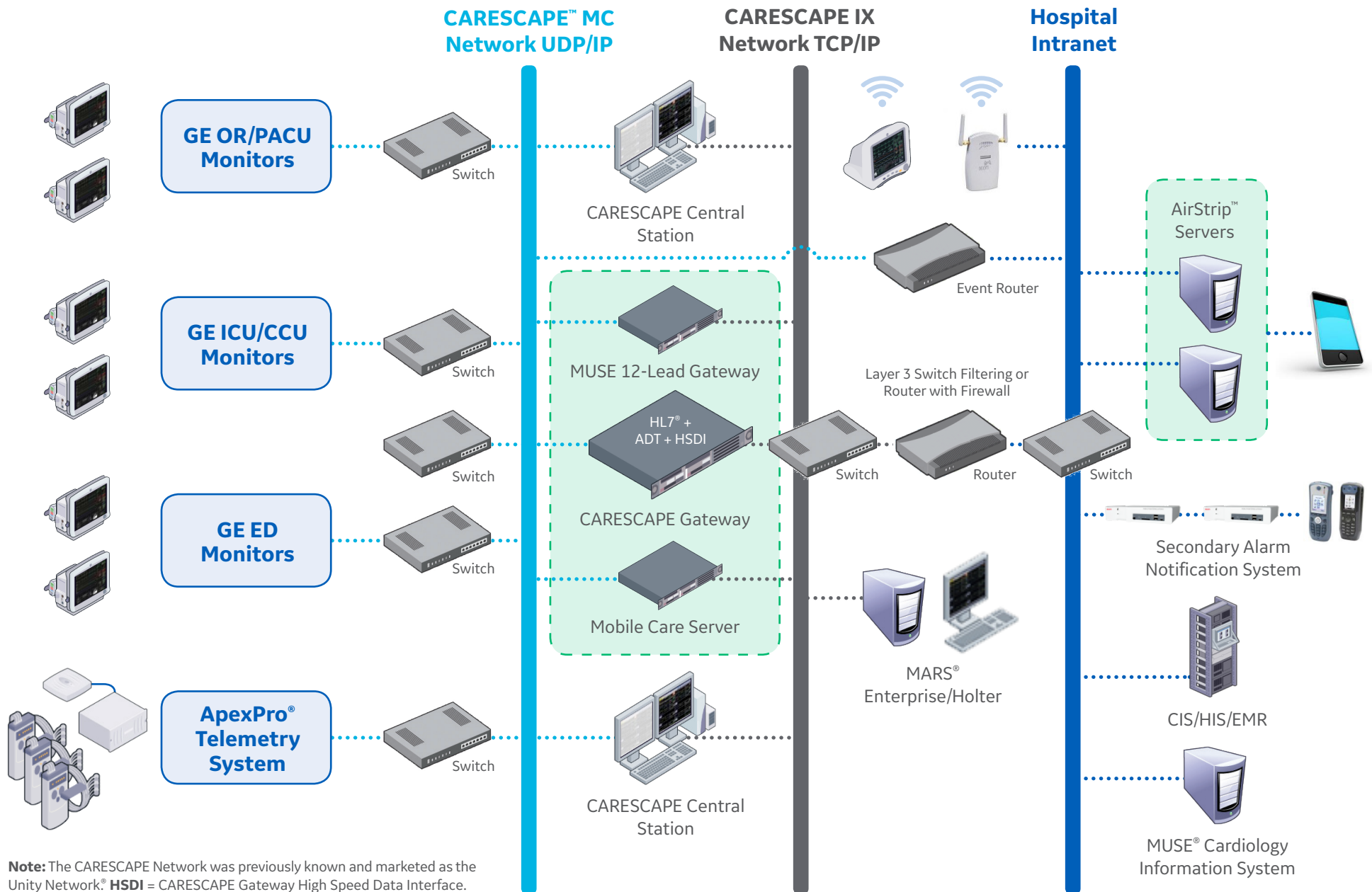


Equipment Site Planning



Network Troubleshooting

CARESCAPE Network Overview



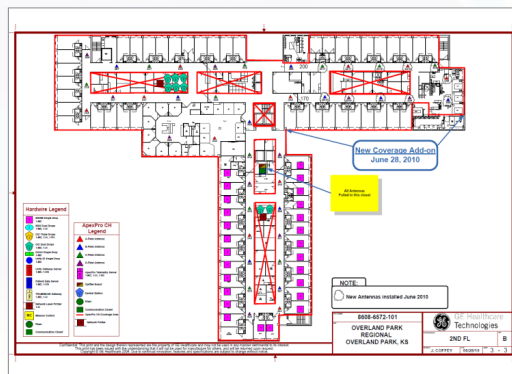
Note: The CARESCAPE Network was previously known and marketed as the Unity Network.® **HSDI** = CARESCAPE Gateway High Speed Data Interface.

Network Design & Integration Services



Equipment Planning

- Formal design process for medical products that meet the requirements for a Class II Medical Devices
- System design approach that integrates all system and technologies
- End to end system design

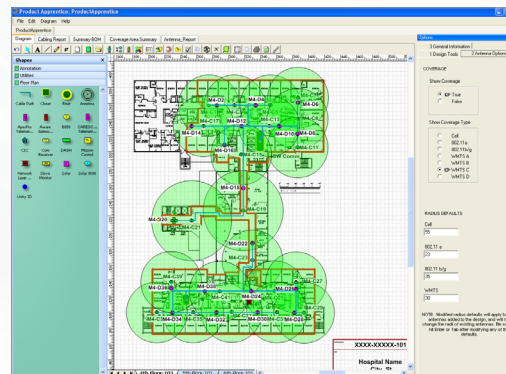


Formal design deliverables



Network Design Services

- LAN and WAN design to support hospital clinical equipment
- System design approach that integrates all systems and technologies
- Support network, R/F, cell & public safety system design
- Support EMR integration of clinical networks

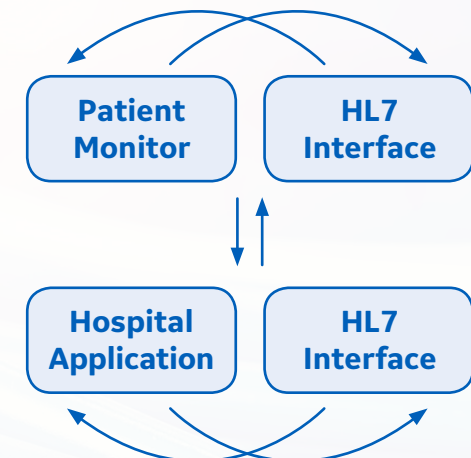


Formal system design



HL7 Integration Services

- Integration of GE clinical networks into the hospitals EMR (electronic medical record) system
- Support ADT (Admit, Discharge, Transfer), results (patient clinical trending data and discreet clinical measurements), orders, waveforms, financials, web portals and NTP (Network Time Protocol)

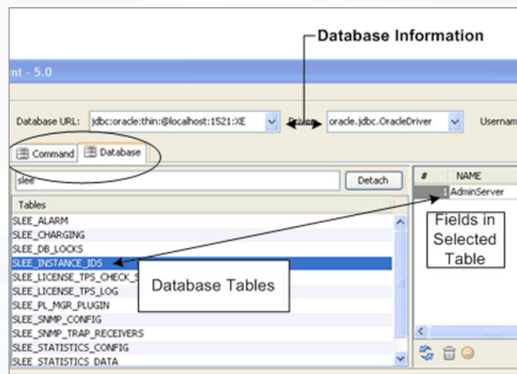


Network Design & Integration Services *(cont.)*



Database Re-Configuration

- Competitive imports/exports of clinical data. Philips, Mortara, Epiphany, Pyramis, Megacare, AMP, ESI/DataMed
- 'Standard' XML formatting for exchange
- PID Change: PID Rule Algorithm, PID X-Reference ('x' for 'y')
- Merges (multiple SITES commingled into single SITE)
- Conflicts: Names, PID, locations, Dr./staff IDs, statement library, etc.



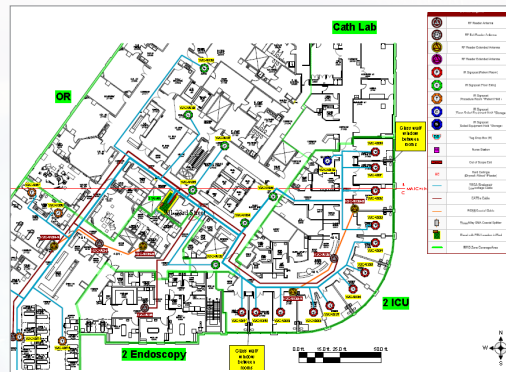
Clinical patient data



RFID Design Services

- RFID and LAN design that support real time tracking of hospital access and patients
- System design approach that integrates all systems and technologies
- Support network & R/F system design

Select	Name	Account #	Status	Flies	Location	Assigned Bed	Workflow State	Scheduled Discharge Date
	Hessline, Marco	248323131	waiting	8208			+ Patient in admittng (Other - Pre-Op)	
	Hessline, Mark	330690700	waiting	8209			+ Patient in admittng (Other - Pre-Op)	
	Kashner, Sam	250031087	waiting	8206			+ Patient in admittng (Other - Pre-Op)	
	McNeal, Mary	994579862	waiting	8244			+ Patient in admittng (Other - Pre-Op)	
	O'Connell, Cynthia	241447930	In Transit	PR30			+ Patient in Lab (Other - Pre-Op of Surgery)	
	Reed, Brett	1322347	In Transit	ED02			+ Patient arrive in OR (Other - Pre-Op)	
	Shimmons, Douglas	147391244	waiting	8212			+ Patient in a exam room (Other - Pre-Op)	
	Wright, Bruce	971534966	waiting	CL33			+ Patient in the Exam Room (Other - Pre-Op)	
	Hartley, Kelly	0739912558	waiting	0843			+ Patient in the Exam Room (Other - Pre-Op)	
	Shimons, David	1070482762	waiting	0843			+ Patient in the waiting area (Preoperative)	



Team Certifications

- Microsoft MCSE
- CCA Cyrix Certified Administrator
- IT Project+
- Cloverleaf Level I, II, and III
- HL7 Certification
- HL7 Charter Membership
- Cisco CCNA
- Cisco CCNP
- Cisco Wireless Certification
- iBwave

GE Healthcare provides transformational medical technologies and services to meet the demand for increase access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.



Imagination at work

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