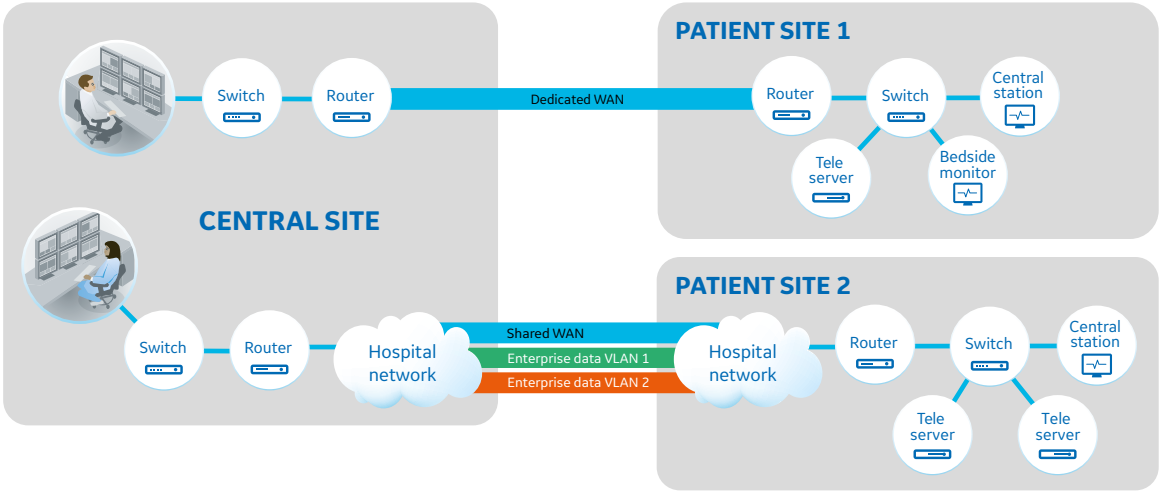
GE Healthcare

CARESCAPE SiteLink

Enabling the Digital Centralized Monitoring Unit



The CARESCAPE™ SiteLink solution lengthens your digital centralized monitoring unit (Digital CMU) patient care monitoring capabilities across your extended enterprise in an efficient and consistent manner. It offers operational flexibility by providing the ability to expand critical monitoring services to other campuses. By expanding monitoring services, the Digital CMU solution helps support staffing optimization and delivery of a consistent standard of monitoring care across the enterprise.

Features

- Provides networking flexibility with its implementation:
  - Bridged or routed data connections
  - Dedicated or shared Wide Area Network (WAN) connections
  - Leased or private lines

Technical specifications

WAN

Network	Uses existing hospital network if available; WAN must be provided and maintained by hospital
Protocols	Network must support UDP/IP and TCP/IP protocols
Routing	CARESCAPE Network traffic can be bridged or routed; special considerations must be made for necessary Layer 3 broadcasts and IP addressing
Bandwidth	~100Kbps per patient, depending on usage model 250 ms MC packet latency to meet AAMI EC13-2002 Section 4.2.8.4 - 4.2.8.6 time to alarm (patient-side ApexPro™ telemetry system to central-side GE central station)

QOS

Priority	WAN devices must support packet prioritization Preferential delivery of data based on priority markings
Bandwidth	WAN connection should have reservation of at least 2x the bandwidth required for all applications

Reliability and redundancy

Redundant link	Redundant WAN link is recommended for high patient volumes and acuity
Redundant	Duplicate primary monitoring equipment stations must be provided at patient site
Maintenance	Zero downtime maintenance goal

CARESCAPE Network

Admit	Admissions, discharges, and configuration changes can be done on either side
Full Disclosure	Full Disclosure supported
Total CARESCAPE Network devices	Up to 1023 devices supported (total) Minimum of 2 VLANS required for CARESCAPE SiteLink (i.e., MC and IX networks)

LAN

VLAN	Each VLAN should be assigned its own classful network Preferential delivery of data based on priority marking
Trunking	CARESCAPE Network LANs must be 802.1q compliant

Imagination at work

Product may not be available in all countries and regions. Full product technical specification is available upon request. Contact a GE Healthcare Representative for more information. Please visit www.gehealthcare.com/promotional-locations.

Data subject to change.

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