Acute Care Campus Environment

The Cisco Medical-Grade Network (MGN) provides the network foundation and architectures that enable advanced clinical applications and biomedical devices to operate in a protected, interactive, resilient, and responsive environment. These characteristics are achieved within the MGN architecture, which is based on the best practices of a robust healthcare environment.

Cisco Medical-Grade Network provides an end-to-end framework for the healthcare industry and allows integration and interoperability at each functional area to optimize efficiencies among healthcare participants. These environments include clinical facilities such as acute care campus networks, ambulatory clinics, remote clinicians, and data centers.

Cisco Medical-Grade Network facilitates and integrates throughout the continuum of care. The Cisco MGN supports:

- Communication needs for clinicians, patients, administrators, and partners
- Healthcare regulatory requirements for patient privacy and data security
- Healthcare unique information, technology, bandwidth, and integration challenges
- Anytime, anywhere information capture and access for wired and wireless applications and devices
- Converged data, voice, and video networks enhancing patient care and collaboration
- Identifiable and policy-based security from inside the network to beyond organizational walls
- Transfer and storage of large amounts of data created by healthcare applications

Healthcare regulatory requirements for patient privacy and data security facilitated and integrated throughout the continuum of care. The Cisco Security Framework provides an industry-proven architecture. This provides the connectivity between end users and data.

The Medical-Grade Network provides the clinician’s home or small office with the same core interactive collaboration, and telephony services to the clinician’s home or small office.

Cisco Care-at-a-Distance Solutions

The network meets the flexibility to quickly respond to changing demands. These demands range from regulatory requirements and security to new clinical systems and devices. The Cisco MGN also offers its ability to respond to the needs for increased bandwidth, quality of service, security, and regulatory compliance.

Cisco Connected Imaging Solutions

Solutions that optimize imaging workflow and image access

Cisco Care-at-a-Distance Solutions

Solutions that offer face-to-face communication unbound by distance, physical location, or setting

Cisco Clinical Workflow Solutions

Solutions that streamline workflows and improve communication among clinicians

Cisco Healthcare Technology Foundations

End-to-end healthcare IT infrastructure solutions that provide the technology foundations to enable security, reliability, and regulatory compliance

Cisco Smart Healthcare Facility Solutions

Services that enable hospitals to reduce the capital and operating expenses of healthcare facilities

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Cisco Smart-Connected Health Solution Portfolios