Cisco Medical-Grade Network
Wireless Architectures for Healthcare

Wireless networks deliver a wide range of benefits to a healthcare facility. They can connect mobile caregivers with their colleagues, make it easier for medical personnel to access backend clinical systems, and enable a new set of patient and guest services. Wireless networks can also simplify the tracking of mobile equipment and personnel, and can even link together the facility’s many clinical and robotic systems as well as its various biomedical devices. Cisco wireless technologies enable reliable, continuous communications throughout the healthcare facility, while helping keep sensitive medical data private and secure.

Collaboration and Security
Cisco’s Wireless Mobility Services (WMS) provides a comprehensive and secure platform that protects patient privacy and security. The Cisco Wireless Solution provides enhanced privacy through authentication, encryption and access control, which is critical for protecting sensitive health information. Cisco’s Wireless Security Components (WXC) provides robust security for your wireless network, allowing you to deploy and manage your network with confidence.

Network Management
Cisco’s wireless networking products provide a complete set of wireless technologies to help the care provider improve the quality of care and the patient experience. Cisco’s Wireless Services Manager (WSM) provides comprehensive visibility and control over all wireless networks, including mobile equipment and personnel. Cisco’s Mobility Services Engine (MSE) provides a comprehensive solution for mobile device management and enterprise mobility management.

Guest Wireless Services
Cisco’s Wireless Guest Services (WGS) provides a comprehensive solution for guest access. The Cisco Wireless Guest Services (WGS) provides flexible, scalable access to the network, enabling guests to connect to the network in a secure and managed manner. Cisco’s WGS includes features such as guest access control, guest authentication, guest self-service, and guest account management.

Voice over Wireless LAN (VoWLAN)
Integrating voice over wireless LAN (VoWLAN) can enhance the overall user experience. The Cisco Unified Communications Manager (UCM) provides the foundation for VoWLAN, allowing users to make and receive voice calls over the wireless network. The Cisco Wireless Control System (WCS) provides comprehensive visibility and control over the wireless network, allowing you to monitor and manage the network from a single console.

Location- and Context-Aware Services
Cisco’s Wireless Positioning Services (WPS) provides location and context awareness to wireless networks. The Cisco WCS wireless control system provides real-time visibility into the network, allowing you to monitor and manage the network from a single console. Cisco’s Wireless Location Services (WLS) provides location-based services, allowing you to locate devices and people in real-time.

Biomedical Devices
Cisco’s Wireless Biomedical Devices (WBD) provides connectivity for medical devices in real-time. The Cisco WCS wireless control system provides real-time visibility into the network, allowing you to monitor and manage the network from a single console. Cisco’s Wireless Medical Devices (WMD) provides a comprehensive solution for medical device management, allowing you to monitor and manage the medical devices in real-time.

Clinical Systems
Cisco’s Wireless Clinical Systems (WCS) provides comprehensive visibility and control over the clinical systems. The Cisco WCS wireless control system provides real-time visibility into the network, allowing you to monitor and manage the network from a single console. Cisco’s Wireless Clinical Devices (WCD) provides a comprehensive solution for clinical device management, allowing you to monitor and manage the clinical devices in real-time.

Management
Cisco’s Wireless Management (WM) provides comprehensive visibility and control over the wireless network. The Cisco WCS wireless control system provides real-time visibility into the network, allowing you to monitor and manage the network from a single console. Cisco’s Wireless Management (WM) provides a comprehensive solution for wireless network management, allowing you to monitor and manage the wireless network in real-time.

Security Components
Cisco’s Wireless Security (WS) provides comprehensive visibility and control over the wireless network. The Cisco WCS wireless control system provides real-time visibility into the network, allowing you to monitor and manage the network from a single console. Cisco’s Wireless Security (WS) provides a comprehensive solution for wireless network security, allowing you to monitor and manage the wireless network in real-time.

Responsive
Cisco’s Wireless Connected Experience (WCE) provides a comprehensive solution for wireless network management, allowing you to monitor and manage the wireless network in real-time. Cisco’s Wireless Connected Experience (WCE) provides a comprehensive solution for wireless network management, allowing you to monitor and manage the wireless network in real-time.

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