



Cisco DNA for Healthcare

Introducing an entirely new era of networking. The Network. Intuitive.

Healthcare delivery has traditionally been constrained by time and place, but digital transformation is now improving access to care and helping improve care outcomes. This transformation is fuelled by technology, which is in turn reshaping the expectations of patients, family members and clinicians. Today's patients want innovative care experiences, from remote consultations to location-based services. These trends are supported by IT through mobility policies, Internet of Things (IoT) technologies to streamline processes and spur innovation, cloud to improve flexibility and cost savings, and analytics to understand patient and clinician behaviour and improve patient outcomes.

Cisco® DNA revolutionises how you design, build, and manage your networks with faster, flexible deployment and simpler, centralised network management, allowing your systems to be up and running in days rather than months. Cisco DNA infrastructure and solutions also provide a digital-ready foundation that facilitates greater patient engagement and smarter operations.

Benefits

- **Faster innovation with actionable insights:** Generate network-wide analytics to provide more relevant care and research experiences, increase clinician and staff productivity and optimise space usage.
- **Lower complexity and costs with automation:** Roll out and update clinical, research and factory networks faster and reduce day-to-day operational and network-management costs with automation, management and assurance.
- **Reduce risks with security everywhere:** Keep critical patient data secure with continuous, faster threat detection and protection, with security embedded networkwide.

With Cisco DNA, healthcare organisations can:

- Provide effective and accessible resources for patients, family members, clinical staff and researchers
- Foster collaboration for care teams and researchers
- Increase administrative and management efficiency
- Optimise space usage and sustainability
- Facilitate security and compliance

And IT leaders at healthcare organisations will be able to:

- Protect against security breaches across hospitals, clinics and research centres
- Manage patient and other important data through standards, integration, protection and governance
- Support technology innovations and changes in healthcare
- Provide simple, secure access to analytics for all relevant stakeholders
- Produce scalable and stakeholder-centred systems, services, processes and analytics with integrated enterprise applications

Transform healthcare with Cisco DNA solutions

Remote care and collaboration: Enable remote consultations between care teams and between clinicians and patients and remotely monitor patients with Cisco DNA Centre with SD Access and APIC-EM for automation, Connected Mobile Experiences (CMX) for analytics, Enterprise Network Functions Virtualisation (NFV) for virtualised network services and open APIs for building 3rd party applications. Reduce patient injury and elopement search times, while improving care coordination and proactive care across the continuum.

Omnichannel patient engagement and education: Deliver interactive hospital information, wayfinding and education to patients via their mobile devices with CMX analytics that generates insights on patient behaviours, along with CMX APIs for building third party patient and visitor applications. Enhance the patient scheduling experience and provide the core architecture for targeted outreach through patients' preferred communication method to improve engagement and satisfaction.

Converged clinical workflows: Streamline clinical workflows and improve productivity for care teams with Cisco DNA Centre with SD

Access and APIC-EM and Apple and Cisco Fast Lane for automation and assurance, Enterprise NFV to for network virtualisation, CMX for analytics understand employee behaviour and track medical equipment and CMX APIs and other open APIs to build third party applications.

Business operations: Optimise workplace efficiencies and sharing of medical data. Information-sharing with Cisco DNA Centre with SD Access and APIC-EM and Apple-Cisco Fast Lane for automation and assurance, CMX for analytics, Enterprise NFV for fast network virtualisation and open APIs to build applications.

Security and compliance: Provide secure visibility across the entire network and facilitate compliance with Cisco IOS® Software zone-based firewall, Cisco Stealthwatch®, Cisco TrustSec® SD-Access, Cisco Firepower®, Cisco Umbrella™ and Cisco Identity Services Engine (ISE).

Learn more

[Cisco DNA for Healthcare](#) - get started on your digital journey today.