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Cisco DNA for Healthcare

Introducing a new era of networking. The Network. Intuitive.

Health and care delivery has traditionally been constrained by time and place, but digital is now transforming access to services and helping improve outcomes. It is also reshaping patient expectations, from choosing where they receive care to being able to access remote consultations.

Emerging models of care, such as Sustainability and Transformation Partnerships (STPs) and Accountable Care Systems (ACSs) require greater collaboration between all care givers, across the care continuum. Care teams also need to access and share relevant information, quickly and reliably.

Cisco® Digital Network Architecture (Cisco DNA™) provides infrastructure and solutions for a digital-ready foundation to improve patient engagement and experience. It also supports better communication and collaboration between health and care organisations, and from GP surgery to community and mental health services, hospitals, social care, and care homes.

Cisco DNA also revolutionises how you design, build, and manage your network, with faster, more flexible deployment and simpler, centralised network management. This enables your systems to be up and running in days rather than months. And with Cisco DNA you can respond rapidly to events as they happen, including cyber-related threats.

Benefits

- **Faster innovation with actionable insights:** Generate network-wide analytics for better care experiences, increased productivity, and optimised space usage.

- **Lower complexity and costs with automation:** Roll out and update health and social care networks faster and reduce day-to-day operational and network-management costs with automation, management and assurance.

- **Reduced risks with security everywhere:** Keep critical patient data secure through continuous, faster threat detection and protection, with security embedded network-wide.

Benefits

With Cisco DNA, health and care organisations can:

- Connect patients, family members, and all staff involved in the care process
- Support collaboration between health and care teams
- Improve administrative and management efficiency
- Optimise space usage and sustainability
- Facilitate security and compliance

Health and care IT leaders will be able to:

- Protect against security breaches across the care continuum
- Manage sensitive data through standards, integration, protection and governance
- Support technology innovations and changes in health and care
- Provide simple, secure access to analytics for all relevant stakeholders
- Produce scalable, stakeholder-centred systems, services, processes and analytics with integrated enterprise applications

Transform health and care with Cisco DNA solutions

Remote care and collaboration: Enable remote patient consultations for more convenient and effective care, while providing better care coordination and communication between health and care teams using:

- Cisco DNA Center™ with Software-Defined Access (SD-Access) and Cisco Application Policy Infrastructure Controller Enterprise Module (APIC-EM) for automation
- Cisco Connected Mobile Experiences (CMX) for analytics
- Enterprise Network Functions Virtualisation (NFV) for virtualised network services
- Open APIs for building third-party applications.

Multichannel patient communication and education: Interactive hospital information, including wayfinding, appointments, and targeted outreach, can be delivered to a patient's mobile or other device, for improved communication and better patient scheduling experiences, plus:

- CMX analytics for clearer insights into patient behaviour
- CMX APIs for building third-party patient and visitor applications

Converged, streamlined clinical workflows: Improve productivity for care teams and support automation to understand employee behaviour and track clinical equipment, with:

- Cisco DNA Center with SD-Access and APIC-EM
- Apple and Cisco fast lane

- Enterprise NFV for network virtualisation
- CMX for understanding employee behaviour and tracking medical equipment
- CMX APIs and other open APIs to build third-party applications.

Business operations: Enable greater workplace efficiency and data sharing to support delivery of care across the care continuum using:

- Cisco DNA Center with SD-Access and APIC-EM
- Apple and Cisco Fast Lane for automation and assurance
- CMX for analytics
- Enterprise NFV for fast network virtualisation
- Open APIs for application building

Security and compliance: Our extensive security portfolio helps ensure complete, secure visibility across the entire network and facilitates compliance with security policies:

- Cisco IOS® Software zone-based firewall
- Cisco Stealthwatch®
- Cisco TrustSec® and SD-Access
- Cisco Firepower®
- Cisco Umbrella™
- Cisco Identity Services Engine (ISE)

Learn more

Start your digital journey today with help from the experts.

Contact us for further information:

http://www.cisco.com/uk/healthcare