

Healthcare Industry Solutions

Elevating Healthcare Connectivity
with ngena's health.connect Solution



Challenge

Healthcare organizations, including hospitals, clinics, and medical facilities, encounter unique challenges when it comes to network connectivity and digital transformation:



Distributed Locations

Healthcare networks often span multiple locations, making it complex to ensure secure and seamless connectivity between hospitals, clinics, and other healthcare sites.



Telemedicine and Remote Access

The rise of telemedicine and the need for remote access to healthcare systems require high-performance, secure, and reliable networks.



Data Security and Compliance

Healthcare institutions manage sensitive patient data, requiring stringent security measures and compliance with healthcare data protection regulations like HIPAA.



Operational Efficiency

Hospitals and clinics need to optimize their network operations to deliver cost-effective and efficient healthcare services.

Solution: ngena health.connect

To address these challenges, ngena offers the health.connect SD-WAN solution, tailored to provide the following key features:

Integrated Healthcare Network: health.connect leverages ngena's fast, orchestrated and automated platform to establish a unified and secure network, connecting all healthcare locations efficiently. Featuring the WiFi as a service as standard and nomadic access (RAS) available as configurable option.

Telemedicine Support: The solution ensures high-performance connectivity for telemedicine applications, enabling remote patient consultations and efficient healthcare delivery.

Patient Care: Enable wireless connectivity as standard or paid option to maximize patients experience and satisfaction.

Data Security and Compliance: health.connect incorporates robust security measures to protect patient data and facilitate compliance with healthcare data protection regulations.

Cost-Efficient Operations: By optimizing network traffic and routing, health.connect helps healthcare organizations reduce network costs while maintaining high-quality services.

Emergency Response Readiness: The solution ensure network resilience during emergencies, allowing hospitals to maintain critical healthcare operations during crises.



Results

Implementing health.connect leads to several favorable outcomes for healthcare organizations:

- ✓ Improved network connectivity between healthcare sites enhances communication, telemedicine services, and patient care coordination.
- ✓ High-performance telemedicine support improves access to healthcare services, especially for remote or underserved communities.
- ✓ Enhanced security and compliance measures protect patient data and facilitate healthcare regulatory compliance.
- ✓ Cost-efficient network management allows healthcare institutions to allocate resources strategically and support digital transformation initiatives.
- ✓ The readiness for emergency response ensures that hospitals can continue to deliver critical healthcare services during crises.

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Success Stories

A medical group based in USA with 7 CISCO Meraki locations relies on ngena's solution for their network.

Challenges

- Require to quickly replace current provider
- Cost inefficiencies
- HUB address migration during the implementation period

Solution

- Secure Meraki SD-WAN across all sites
- Internet underlay access
- 36-month contract
- 24/7 global NOC, delivering automation and flexible operating model
- Turnkey solution augmented with pre-staging services and local onsite resources

Results

- Delivered on the agreed timeline, including the HUB address migration
- A unified and robust Meraki SD-WAN
- Supported by a global NOC
- Ready to scale up network with service level commitments
- Compliance with all SLAs

Conclusion

The success story of deploying ngena's health.connect addresses the specific challenges faced by healthcare organizations. This specialized SD-WAN solution empowers healthcare providers to deliver secure, high-quality patient care while ensuring network security, compliance, and cost-efficiency. health.connect plays a crucial role in elevating healthcare connectivity and supporting the digital transformation of the healthcare industry.

The solution presented is based on a typical industry case and may require adjustments to its architecture to meet specific requirements identified during analysis.



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in this solution?**

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your custom
solution!**

