



Life-Saving Network

CASE STUDY SUMMARY

INDUSTRY: Healthcare

GOAL: Ensure the partner doctor network could support the bandwidth and security requirements of an Electronic Health Records initiative.

PROJECTS

- Network Assessment
- Security Assessment
- Network Upgrade
- End-user Training

BENEFITS

- **Compliance** with HIPAA and other guidelines
- **Protection** of patient records
- **Cost reduction** from IT operational efficiencies and digital accessibility

TECHNOLOGIES

- MPLS
- Wireless WAN
- Secure Remote Access
- Cisco ASA Firewalls
- Cisco Firewall Switch Modules
- Cisco Catalyst 6500
- DS3
- Routing and Switching

Hospitals and physicians leverage C2 Company's security and network experience to take patient-care to the next level.

One of the nation's leading not-for-profit networks of community-based health care providers, delivering high-quality care in more than 100 Northern California communities, is implementing one of the largest and most complex EHR systems in the country. Their Electronic Health Record (EHR) initiative supports providers in caring for patients across the care continuum - promoting wellness, the utmost patient safety and highest clinical outcomes.

The EHR project requires robust, reliable and secure connectivity to the community of over 80 partner doctor offices.

The Solution

C2 Company engineers assessed the state of the current network and remote connectivity throughout the partner doctor office community, specifically as it related to the new application requirements. From the results of that assessment, we engineered changes to the existing network infrastructure that would not only provide the required bandwidth for the EHR application, but also ensure security and compliance with health care regulations including HIPAA. (continued on reverse)

"Harry Haramis is the best engineer I've worked with from a security perspective and he also ranks among the top in routing and switching. His knowledge of firewalls is phenomenal. Add his IPSec, DMVPN, IPS, IDS along with others makes him my first choice any chance I get."

Omar Abuabara, SE, Cisco Systems

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Solution (continued)

After the design was approved, C2 Company engineers helped to implement the network and security upgrades, adhering to the strict change management guidelines of a patient-care facility. Thorough testing was performed as changes were rolled out to ensure the key performance criteria of the application were being realized.

On-Time, On-Budget

C2 Company engineers have extensive experience and certifications with Cisco and other networking technologies. With C2 Company's help, this organizations network of hospitals and physicians have a solid and secure network platform to support EHR - attaining benefits such as reliable operations, compliant security, and happy doctors.

We Can Help

C2 Company architects, builds, protects and maintains the networks and systems that enable enterprises to:

- Accelerate IT's speed and business impact
- Minimize costs and risks

To learn more about how **C2 Company** can assist on your next project, contact us:

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- email: info@C2Company.com

Or visit us on the web at: www.C2Company.com