



BACKGROUND

Children's National Medical Center in Washington, DC, has been serving the nation's children since 1870. Home to Children's Research Institute and the Sheikh Zayed Institute for Pediatric Surgical Innovation, Children's National is consistently ranked among the top pediatric hospitals by U.S. News & World Report and the Leapfrog Group.

With 303 beds, more than 1,330 nurses, 550 physicians, and seven regional outpatient centers, Children's National is the only exclusive provider of acute pediatric services in the Washington metropolitan area.

THE PROBLEM

As a healthcare provider, privacy and security are always a high priority. In addition, the legacy FTP server that Children's National had been running needed more management functions and increased flexibility. A more powerful, flexible and secure solution was identified as the strategic direction for the hospital.

The solution needed to provide scheduled transfers, advanced logging, and compliance with FIPS and the Health Insurance Portability and Accountability Act (HIPAA), which outlines minimum standards healthcare organizations must meet to ensure the confidentiality, privacy, and security of health care information in the Internet environment. Health organizations which store or transfer patient data over the Internet are required by law to be HIPAA compliant.

"We began experiencing immediate improvements to our processes. The design of the Cornerstone MFT solution provided us with greater security which assists us in meeting our regulatory requirements."

Fred Curry
Director of Information Security

SEARCH CRITERIA

"We were looking for a solution with the right set of features, and not more than we needed," says Frederick Curry, Director of Information Security for Children's. "Ease of implementation was also a primary requirement in our search."

INDUSTRY

Healthcare

PRODUCTS

Cornerstone MFT

WebDrive

APPLICATION

Secure Managed File Transfer

Children's National required visibility into processes, to assure secure connections and successful completions of data transfers. They also needed automation features to create a more efficient and thorough system of file transfer and minimize the risk of human error. With increasingly prominent public focus on security issues, and regulatory compliance always a key requirement, Children's considered ten potential solutions, and quickly narrowed that down to 3 possibilities.

After a successful trial of the software, they chose the Cornerstone Managed File Transfer platform, along with a DMZedge Server to reduce the risk of network breach. With a DMZedge Server sitting outside their firewall, all incoming traffic was stopped before it reached even the same machines where sensitive data was stored. Several security-focused features were implemented, including FIPS 140-2 compliance configurations and the Real-time PGP module to encrypt data at rest to ensure data security and compliance.

SOLUTION

A major consideration in choosing Cornerstone was its simple implementation process. With limited resources to devote to a lengthy installation and customization project, Children's National needed a functional solution in a very short period of time.

The implementation process was a positive experience. The installation and setup went forth quickly and without major implementation issues. They achieved their goal of a "quick and painless" migration from the legacy FTP system to their new Cornerstone solution. "We were pretty skeptical," Curry says. "In this case, the problems just weren't there. Everything worked just like it was supposed to."

The solution serves both internal and external users in a very interactive environment. Server-to-server transfers and automated processes were also a significant part of the implementation.

After a smooth implementation of the software, Children's National made extensive use of Cornerstone's events automation and notification capabilities. When a data feed is received or sent, Cornerstone generates a notification for the administrator. The feed status is available for up to the minute, facilitating the transparent environment Children's National needed.

"The file transfer automation and notification capabilities helped free up some previously manual activities," says Curry. "Our staff does not spend as much time on file transfer-related activities, and the status notification features help us to stay on top of what's happening."

SUMMARY

"We began experiencing immediate improvements to our processes," says Curry. "The design of the Cornerstone MFT solution provided us with greater security, which assists us in meeting our regulatory requirements." The availability of extensive security features in Cornerstone enabled Children's National Medical Center to achieve their goal of implementing a secure, automated solution with just the right set of features to meet their needs.