

Sentry Data Systems reduces its server footprint and boosts computing power

Overview

Sentry Data Systems
Deerfield Beach, Florida,
United States
www.sentryds.com

Industry

- Healthcare

Product

- IBM BladeCenter H chassis
- IBM BladeCenter HS21
- IBM System Storage DS4700 Express
- IBM SAN Switches



“Besides consolidating our servers, we reduced our cabling significantly. Out of the box, the IBM BladeCenter required just a few uplinks—power, Ethernet and fiber channel—and immediately all 14 servers were connected.”

—Sentry Data Systems

Sentry Data Systems (Sentry), based in Florida, serves pharmacies and hospitals in over 20 states throughout the United States. From compliance and pharmacy transaction processing software to a healthcare business intelligence platform, its software focuses on easing healthcare specific processes and challenges.

Challenge

Performing over 110 million operations per day, Sentry’s core infrastructure required substantial computing power and high-speed storage. Four difficult-to-administer racks of large servers supported the company’s day-to-day business processes, costing much energy, effort and money to run. As Sentry’s growth increased its data volumes, the resulting processing loads pushed the company’s storage environment to its capacity limitations. Sentry wanted to accommodate its growing business while simplifying the design and administration of its underlying IT infrastructure.

Solution

Sentry began by consolidating on an IBM BladeCenter® H chassis that supports 14 IBM BladeCenter HS21 servers running the Red Hat Linux® operating system. The new solution greatly simplifies system administration by enabling the company to access and manage all hardware remotely from a single console. All cabling is integrated within the BladeCenter technology, reducing the amount of wires previously needed for power and remote access.

To boost capacity within its storage environment, an IBM System Storage™ DS4700 Express disk system offers better performance and 33.6TB of high-speed physical storage capacity to accommodate Sentry’s growing data volumes. And to consolidate its switch fabric and increase reliability, Sentry deployed redundant IBM SAN Switches.

Benefits

- Reduces operating costs and offers remote administration
- Increases storage capacity and performance
- Reduces server footprint and amount of cabling



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