

GEMINI DATA CASE STUDY:

Healthcare

Large Northeastern US Healthcare Hospital Network Selects Gemini Data's Solution for Scalable Big Data Deployment

A large healthcare organization consisting of 13 major hospital partners, 21 community health centers, and over 100,000 employees was faced with the challenge of scaling their Splunk deployment from five terabytes to twenty terabytes in support of their security operations center (SOC). In the first phase of the deployment, the organization had seen the value of their big data platform and wanted to scale up the amount of security relevant data for analysis but was experiencing hardware performance and scalability issues. These issues had become barriers to data analysis.

The organization had implemented a hyper-converged infrastructure (virtual servers running on physical hardware and overly complex storage) that was very difficult to manage. It had also taken over four months to deploy. SOC leadership and the data center management team both realized that scaling to twenty terabytes would require significant infrastructure investment. In addition, the chosen solution would need to be "future-proof" as there was interest in supporting IT operations and business analytics use cases that could push data ingestion to over 44 terabytes. Going to the cloud was not considered an option given the sensitive nature of electronic health records and HIPAA regulatory requirements.

The two top choices became adding additional expensive hyper-converged infrastructure, or, adding an intelligent infrastructure built for big data implementation from



"Gemini Data provides an all in one, inclusive solution. It's a more desirable platform to roll into, allowing us to plug and play - and scale. The features available in Gemini Enterprise meant a lot to us because we're still growing as an organization and we don't have the staff to manage complex infrastructure. We had a deadline set with Splunk, and Gemini Data helped us sail through our deadline with flying colors."

-Enterprise Network Administrator,
Healthcare Provider

Gemini Data. While the hyper-converged infrastructure vendor said they could stand up the additional infrastructure in months, Gemini promised the customer they could get the infrastructure deployed in a week, and, it would allow for easy expansion and reduce the level of expertise required to support it.

Gemini Data provided an intelligent holistic infrastructure solution with full-analysis-stack management capabilities spanning hardware, operating system, and Splunk optimization. This full-stack approach to big data management is what allowed the Gemini team the confidence to commit and meet their promise of full deployment in five days. This scalable solution reduced the amount of management needed and is built to scale as additional use cases are supported.

- 10 Terabyte Infrastructure ready for use in 5 days.
- Overall cost and expected TCO much lower than alternative solution

Gemini provides Continuous Data Analysis. We translate data into knowledge using machine reasoning. With Gemini Enterprise, gain enterprise knowledge and awareness, accelerate analysis with AI, and simplify management of big data platforms. Designed for modern architectures, Gemini Enterprise reduces complexity in the cloud or on premises. Gemini Data was founded and built by experts from Splunk, ArcSight, and AppDynamics that understand the importance of building awareness across the enterprise. Find more information at geminidata.com or follow us on Twitter @geminidataco.