

Case Study:

Electronic Healthcare Management Company Saves Cost While Migrating to a Custom Cloud Solution

The Opportunity

This Electronic Healthcare Management company had a number of legacy servers that needed to be upgraded, representing an enormous infrastructure investment. Although well aware of the cost-saving benefits to storing data in the cloud, they were concerned whether a virtual solution would be a fit for their environment. They needed the flexibility to scale their data for their anticipated significant business growth. Some of the hurdles that they foresaw when assessing a cloud environment included reliability, security, and whether the cloud would meet applicable HIPAA compliance requirements. Additionally, in order to provide their customers with reliable access to the environment, they needed their cloud to integrate seamlessly with their MPLS network.

The SD Data Center Direct Solution

SD Data Center's first step was to bring each team's experts into one room to white board and engage in discussion. After reviewing the organization's current environment, they agreed that a cloud-based solution would be the most effective way to meet their unique requirements. Rather than replace multiple aging servers with capital intensive operating systems and new hardware, designing a customized cloud solution would offer significant cost savings with adding scalability and flexibility.



SD Data Center engineered and designed a cloud solution which allowed their customers to be segregated while being secured in the virtual environment, and hosted in SD Data Center's state-of-the-art, HIPAA compliant facility. In order to align the cloud environment with the customer's MPLS network, SD Data Center segmented a private cloud network to accommodate the termination of private connections into specific cloud instances that are unique to each of their current and future customers. SD Data Center created multiple back-up and continuity policies tailored to each of their customer's requirements, delivering the ultimate customized solution. Once the cloud design was completed, the SD Data Center engineers assisted with migrating all of their data to the cloud.

The Impact

SD Data Center's Cloud and Colocation solutions made a significant impact on the organization's ability to deliver superior customer service to its end customers. By leveraging SD Data Center's customized cloud design, they were properly equipped to serve their customer's unique networks, applications and requirements. SD Data Center saved the organization time and resources by migrating the data to the cloud for them. By migrating the data to TerraCom's virtual environment, they saved an enormous upfront capital expenditure and now have the ability to scale on demand, as they grow. They also received a new business continuity plan with their data stored both in their Melbourne facility and backed up off site. And, because their data is hosted at SD Data Center, the customer can rest assured their data is secure and compliant with HIPAA standards.



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About SD Data Center

SD Data Center is more than a concrete bunker built to protect and provide redundant access to your critical data. Many of our customers choose SD Data Center for custom-engineered solutions designed to fit their business requirements and created by our team of solution architects. Our in-house professionals can help you achieve the highest levels of efficiency and manageability to help you optimize and future-proof your IT infrastructure.

SD Data Center partners with you to understand your business objectives, and deliver a suite of services tailored to your current operating environment and to support your future growth objectives. We specialize in virtualization and high-availability offerings, network design and support, and cloud capabilities proven to increase productivity and reduce IT costs.

SD Data Center serves customers across a variety of industries including healthcare, education, financial, military, government, aviation, and technology. From connectivity to redundant infrastructure hosting, to network engineering and design – including business continuity – our customer-focused approach makes us the premier data center solutions provider in Central Florida and across the nation.

SD Data Center is more than a data center

Our experts are ready to help plan out your deployment and discuss strategies for your infrastructure.

Contact us today to receive your complimentary solution recommendation

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