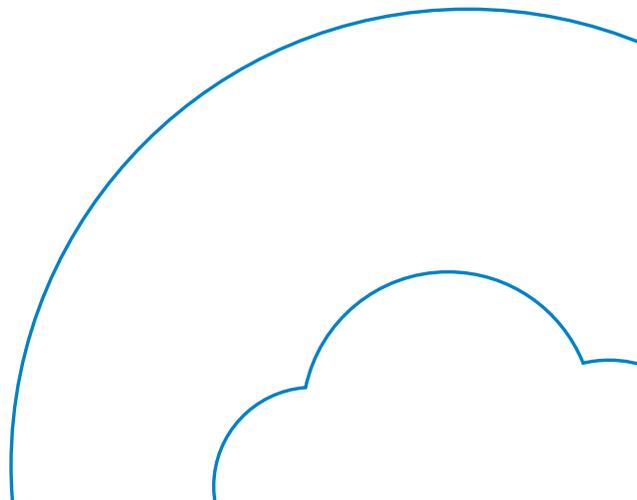


# HEALTHCARE INDUSTRY

Healthcare Service Provider Adopts Private  
Cloud Model Thanks to Unitas Global



**CASESTUDY**

HEALTHCARE INDUSTRY **PRIVATE CLOUD BASED EMR STORAGE**

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	SUCCESSFUL EMR INCENTIVE PROCUREMENT
	INTERNAL PRODUCTIVITY UP 15%
	BUILT-IN DISASTER RECOVERY SOLUTION
	HIPAA COMPLIANT
	VPN ONLY MOBILE ACCESS

## CASE STUDY

### HEALTHCARE INDUSTRY **PRIVATE CLOUD BASED EMR STORAGE**

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#### OVERVIEW

The IT landscape of the healthcare industry has revolutionized in the last few years. Incentivized to digitally publish and record their data, healthcare companies need massive amounts of storage that is both secure and accessible. This restructuring of internal records must also be HIPAA compliant and seamlessly integrate with the older IT infrastructure. Most importantly, the data must always be reinforced, so a reliable infrastructure with a comprehensive Disaster Recovery solution is necessary. The private cloud built on a private infrastructure provides the necessary storage with incomparable availability, but with the protection of a private network. Customization of this private cloud allows HIPAA compliancy, while the insistence of automatic data replication provides a built-in Disaster Recovery strategy.

#### QUANDRY

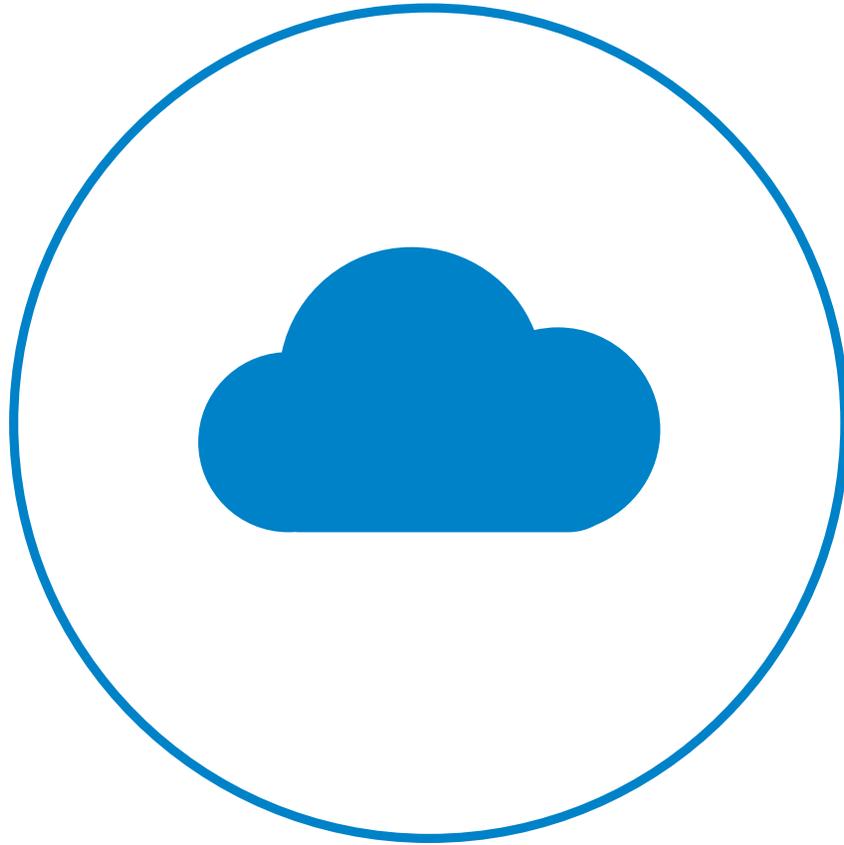
To capitalize on government incentives, this healthcare company knew it needed a massive amount of storage, while still ensuring HIPAA compliancy. The healthcare provider is made up of a network of hospitals and doctor's offices, which all implement their own IT infrastructure and currently one harmonious infrastructure does not exist. Plus, this new infrastructure must be relatively easy to use, seeing as how it will have to service an entire enterprise.

#### SOLUTION

Unitas Global evaluated these needs and prescribed a Private Cloud infrastructure as this healthcare provider's storage solution. The initial infrastructure housed six petabytes of EMR data (Electronic Medical Records). The storage was built onto a completely private intranet network, creating a secure and off-the-grid infrastructure. Each of the healthcare provider's hospitals and doctor's offices were connected into this private network. Unitas Global then provided the healthcare company with an easy to use infrastructure management interface, allowing the healthcare provider's IT department to focus on building HIPAA compliant applications to use within their now usable HIPAA compliant network. This private cloud also utilizes automatic data replication, meaning within this infrastructure, disaster recovery is automatically occurring.

#### RESULTS

The client was able to take advantage of the EMR incentives, but also quickly realized the further benefits of the private cloud. The client-centric SLA allowed for additional on-demand storage to be added to the infrastructure at below market rates. Plus the adoption of the private cloud allowed for mobile access to healthcare records via the installation of an iOS VPN plant enabled remote. VPN-only access into the private cloud, and thus electronic medical records, helped to make the entire infrastructure HIPAA compliant. The healthcare provider's Director of IT estimated a 15% increase in internal productivity, attributing the majority of this increase to no longer allocating resources to storage nor data center build outs and management.



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