



SUNY Health Sciences Center Disaster Recovery and IT Resiliency Case Study

Background

The SUNY Downstate Health Sciences University is a public medical school in New York City and one of the three components of SUNY Downstate Medical Center: University Hospital at Long Island College Hospital, SUNY Downstate at Bay Ridge, and University Hospital of Brooklyn in East Flatbush. The College of Medicine is one of the seven medical schools located in New York City and the sole medical school in the borough of Brooklyn, serving its 2.5 million residents.

The Challenge

SUNY Downstate Medical Center is dedicated to enhancing its efficiency and business agility in order to provide high-quality healthcare services to Brooklyn's 2.6 million residents. In order to leverage the necessary technology to enable automation and modernization of its medical services, SUNY Downstate required the help of a managed infrastructure provider that could offer redundant, HIPAA-compliant services backed by extensive technical expertise within the healthcare industry for the secure and reliable hosting of its EMRs and applications.

"When disaster recovery works properly, there's no real measurable win, however it's priceless in the face of an adverse event. By customizing a colocation solution to suit our individual needs, Opti9 has provided SUNY Downstate Medical Center with peace of mind, as we can rest assured sensitive information is fully secure. Opti9's expert technology staff is thorough in the management of our solution and well-versed in the technology necessary to support our needs, making it clear that our data is in good hands."

- Dilip Nath,
AVP and Deputy Chief Information Officer of SUNY Downstate



The Solution

Opti9 now provides SUNY Downstate with a fully-customized hybrid IT solution, offering comprehensive Disaster Recovery and IT resilience services, as well as managed cloud and colocation solutions, utilizing redundant, HIPAA-compliant mission-critical infrastructure. To ensure enhanced security and latency with end-to-end encryption of sensitive data, Opti9 built a direct, secure connection from its Tier III data center in New York to the SUNY Downstate Medical Center that is completely air-gapped from the public internet.

Results & Benefits

As a result of this partnership, Opti9 was able to meet SUNY Downstate Medical Center's immediate colocation, Disaster Recovery and IT resiliency needs while offering the flexibility necessary to scale for future requirements, supporting multiple legacy healthcare platforms, such as physical and AIX-based solutions as well as multi-cloud hybrid deployments. With help from Opti9, SUNY Downstate Medical Center plans to implement additional IT resilience and private cloud solutions in a phased approach to further enhance its digital transformation strategy.