

Society of Diagnostic Medical Sonography

With a cloud migration, a professional organization reduced costs and maintenance

Society of Diagnostic Medical Sonography (SDMS)

www.sdms.org

- Founded in 1970 to promote, advance and educate diagnostic medical sonography
- Members include more than 28,000 sonographers and sonography students
- Publishes a scientific journal



Challenges

- Small budgets limited technology investments
- Members of the small IT team wore multiple hats
- Time maintaining physical infrastructure limited team's bandwidth

Solutions

- [Lumen® Dedicated Internet Access](#)
- [Lumen Cloud Consulting Services](#)

Results

- Substantial boost in infrastructure performance
- Estimated 30% time savings on maintaining physical infrastructure
- Enhanced security
- Flexibility to scale resources up or down based on demand



30%

estimated time savings on physical infrastructure maintenance

28,000

members enjoy a more stable online experience

LUMEN®

Challenge

Maintaining up-to-date technology on a nonprofit budget

For the Society of Diagnostic Medical Sonography (SDMS) to support its members, it needs a reliable and agile web presence. But with the limited budget and resources of a nonprofit, it was difficult to invest in the latest technologies and infrastructure updates.

The small IT team at SDMS wore multiple hats, performing all the duties of a much larger IT department with a fraction of the people, handling everything from routine maintenance and troubleshooting to strategic planning and implementing new technologies. The organization also worried about the stability and reliability of their network, and how that impacted the online experience for members.

Moving their servers off their physical building premises and onto the cloud would offer a more sustainable operating model, but with the team running at max capacity and managing so many daily priorities, SDMS needed a flexible partner to facilitate the transition.

Solution

Peace of mind with reliable, scalable solutions

SDMS leveraged Lumen® Dedicated Internet Access and Lumen Cloud Consulting Services to migrate specific servers and applications to Microsoft Azure while addressing issues related to authentication, web servers and SQL servers.

Getting started with Lumen was easy. “Lumen was able to provide us with an estimated timeline based on the required number of hours to complete that project versus a rigid calendar schedule,” explained Scott Farmer, CIO at SDMS. “It worked perfectly for our organization.”

The Azure tools suite protects the SDMS website from threats while the content management system streamlines updates, making it easier to keep the site up to date and relevant. With no need to maintain physical servers, SDMS has lowered operational costs and freed the IT team to work on other projects.

Lumen Solution Set

- [Lumen® Dedicated Internet Access](#)
- [Lumen Cloud Consulting Services](#)

“Being in the cloud allows us to easily scale our resources up or down based on demand, ensuring optimal performance during peak times.”

— Scott Farmer
Chief Information Officer, SDMS

Results and Future Plans

Seamless collaboration and a robust foundation

Partnering with Lumen allowed SDMS to reduce infrastructure spending while improving reliability and scalability. “Our operating expenses are minimized due to the pay-as-you-go pricing model that ensures we only pay for the resources we actually use,” Farmer said.

SDMS can handle peak loads without overinvesting, leading to better resource utilization. Farmer estimates the move will save about 30% of the time that was previously allotted to maintaining physical infrastructure. And without the need to house physical servers, SDMS was able to downsize their office space. “We’re going to save a substantial amount of money on rent alone,” observed Farmer.

Better performance and higher reliability benefits SDMS staff and the organization’s members. Their cloud migration has provided everyone with a faster, more reliable experience that will hopefully lead to revenue growth from higher retention and increased membership.

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