

Deployment - Consolidated Data Systems Leads to Increased Productivity**The Situation**

Seeking to better integrate IT solutions in support of their business operations, The Client looked to replace its antiquated platforms with newer technology. The entire scope of The Client's IT infrastructure was aged and had been deemed end-of-life by the vendors. The system needed to be fully refreshed in order to enhance data capabilities, improve overall efficiency, and adhere to regulatory compliance.

**The Challenge**

In order to modernize The Client's IT infrastructure, the Lume team faced a sizable task. Upon examination of The Client's capabilities, it was determined that a complete rebuild of all infrastructure devices such as switches, firewalls, routers, and servers was in order. Not only did platforms have to be reconstructed and overall software integration be reprogrammed, but the mitigation plan needed to ensure zero downtime to avoid interrupting The Client's global operations. To ensure the success of this initiative, we blended creativity with agility throughout the planning and execution process.

**The Client**

A global leader in specialty architecture with over 60 years of experience, The Client is internationally recognized for their work on a wide range of buildings, stadiums, entertainment venues, and more. The Client features over 10 office locations in the United States, Europe, Asia, and Oceania to support its production facilities that span three different continents.

**The Solution**

Our Lume team went to work to completely reduce and redesign

The Client's network and servers.

- To lessen the complexity of the network layer, we transitioned from a seven-switch core infrastructure down to a two-switch system.
- In addition, we reduced the redundant intricacies of the security footprint while improving overall security capabilities.
- In consolidating The Client's expanding collection of data, Lume collapsed the number of data servers from four to two.
- We modernized The Client's cumbersome wireless infrastructure by implementing a fully meshed and seamlessly integrated mobile technology which increased security while decreasing connectivity issues.

**The Result**

Lume's successful reconstruction of the IT infrastructure led to increased business productivity and cost savings for The Client. Upon implementation of the new platforms, systems, and software, the number of trouble ticket submissions was cut by 50% due to less system downtime and lower numbers of user complaints. Its physical footprint was reduced by 75% of the server environment, which also lessened power and maintenance costs. The Client benefitted from overall consolidation of its data systems to lessen the complexity of its servers and storage.

Upon implementation

Number of trouble ticket submissions cut by

50%

Physical server footprint reduced by

75%

Are you looking for IT solutions? Contact us!

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