

# Vicom Global Architecture and Design Services

When creating a datacenter consideration strategy, it's critical to be very clear on what is needed and create a strong foundation to build upon. That foundation includes architecture and design for technologies and tools as well as processes along with resources, roles and responsibilities. A global life safety organization was looking to consolidate their datacenters by over 70% and create global standards for technology and how that technology is deployed and used. When the firm was a looking for a partner to help create architecture and design standards to be implemented globally, they asked Vicom to help.

## The Challenge of Data Center Standards

The firm has dozens of data centers globally that were created both organically and through acquisitions. As new firms are acquired, the global IT department is tasked with integrating and supporting all of the assets within. The challenge is integrating these different types of technology, which can greatly vary and the firm had not established their worldwide corporate standards. This also creates a large overlap in resources and when acquired firms need to procure new technology, it's very difficult making sure they purchase and utilize the approved standards.

## Solution

Vicom evaluated their current technologies and standards used through their data centers and created a comprehensive architecture and design plan. This plan included –

- Deeper insight into current data centers, resources, technology, and processes and how they integrate together
- Evaluation of older applications to ascertain use and lifespan
- Vendors and technologies to utilize
- Creation of a service catalog for different platform versions for use as a worldwide standard
- A Global standardization platform to tie everything together

Vicom's architecture and design solution allowed for technology to be consistent throughout all data centers worldwide, as they stand now and in the future when consolidated. It provides standards for the procurement, deployment, and use of technology, but also allows for flexibility as needed, creating less technology to support and less resources to support their global IT initiatives. This overall architecture and design solution will provide for much more efficient operations and standardization around the technologies for their IT environments and will ultimately lead to significant cost savings.