

Wi-Fi Networking






Zones designs a future-ready network for a client's cutting-edge innovation space.

The client is an American multinational media and entertainment conglomerate. They were looking to open a physical space to showcase new and emerging technologies and test those technologies safely. In order for this idea to become a reality, they needed a network that was secure and could scale to support future demands and technologies.

Zones used several of its proprietary services and spaces to develop a network that would be ready for anything. They built the entire network in their Technology Solution Centers (TSCs) and delivered it to the client complete, which resulted in major cost and time savings. The network uses 802.1x security policies, virtual routing, firewalls, and proper segmentation to provide the security the client expected while remaining agile enough for emerging technologies.

As a result of Zones' efforts, the client's innovation space opened on time with no downtime or errors. By having Zones build the network at a TSC, the client saved over \$10,000 in on-site expenses they would have otherwise spent assembling the solution.

-  \$10,000 saved in on-site expenses.
-  0 downtime or errors during the opening.
-  100% wireless coverage with full bandwidth potential.

Challenges

- The client needed a robust network to support their new physical innovation space, which is used to showcase and test new and emerging technologies.
- The network had to be secure enough to protect users and data and flexible enough to hold up to rapid changes in hardware.
- The space had massive bandwidth requirements that needed to be met as soon as it opened.

Solutions

- Zones built the entire network in their Technology Solution Centers (TSCs) and delivered it to the client already complete. This saved time and cut down on re-work and errors.
- The environment is highly secure to the client's specifications but flexible enough to allow local staff to freely add, change, or remove hardware as needed.
- The new network leverages 802.1x security policies, virtual routing, firewalls, and proper segmentation.

Results

- The client's innovation space opened on time with no errors or downtime.
- The new solution was able to handle the client's enormous bandwidth need one day-1 while still able to scale as future demands grow.
- By building the network in a Zones TSC, the client saved over \$10,000 in on-site expenses.

Wi-Fi Networking

The Challenge

The client is a multinational mass media and entertainment conglomerate based out of the United States but operating worldwide. Always on the cutting-edge of technological innovation, the client was looking to build a physical space where they could showcase new and emerging technologies and test those technologies in a safe environment – similar to Zones' Innovation Center. This was a new concept for the client, and it brought new challenges, especially regarding the space's networking needs.

Because the space was going to be used for demos and experimentation with new technologies, its network needed to be both secure, to protect users and data, and flexible, to account for modern tech now and in the future. The client also expected the space to have enormous bandwidth requirements, and these requirements would be in effect as soon as the area opened – there was no time to build up to it.

The Solution

The client had worked with Zones on a series of high-profile projects in the past and had the utmost trust in Zones' abilities as a solutions provider. Because Zones had experience with their own Innovation Center, they knew what worked and what didn't when designing a network for such a space and set out to build a solution that met the client's pain points and then some.

Zones built the entire network off-site in their Technology Solution Centers. This allowed Zones to perform any necessary testing and adjustments before delivery, saving the client time and money to prep the solution on-site. The network utilized 802.1x security policies, virtual routing, firewalls, and proper segmentation to conform to the client's strict security and flexibility standards. Once the new network was built and tested, Zones leveraged its robust Global Supply Chain to deliver it to the client already complete and installed it with time to spare before the grand opening.

The Results

The client's innovation space opened on time, with all showcases and displays fully functioning. The grand opening was a tremendous success, with the client reporting no errors or downtime thanks to the vigorous testing and planning before delivery. The new solution was equipped to handle the site's massive bandwidth needs from day-1, with the ability to scale as the site continues to grow.

Not only that, but Zones' assembling and testing the solution in their TSCs resulted in significant cost savings for the client as well. They reported that the decision saved them over \$10,000 in on-site expenses they would have spent assembling and testing the network themselves.

“Zones has been our go-to solutions provider for several major projects, and I felt confident in bringing them on to prepare the network for the opening of our innovation center. They knew our expectations, and I had faith they would provide – but when they brought the completed network in well before the due date and under budget, I was still impressed by their efficiency. Zones has repeatedly shown us they have the drive and expertise to do the best job possible, and I know we'll be contacting them again soon.”

– VP of Infrastructure, American Media Conglomerate

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