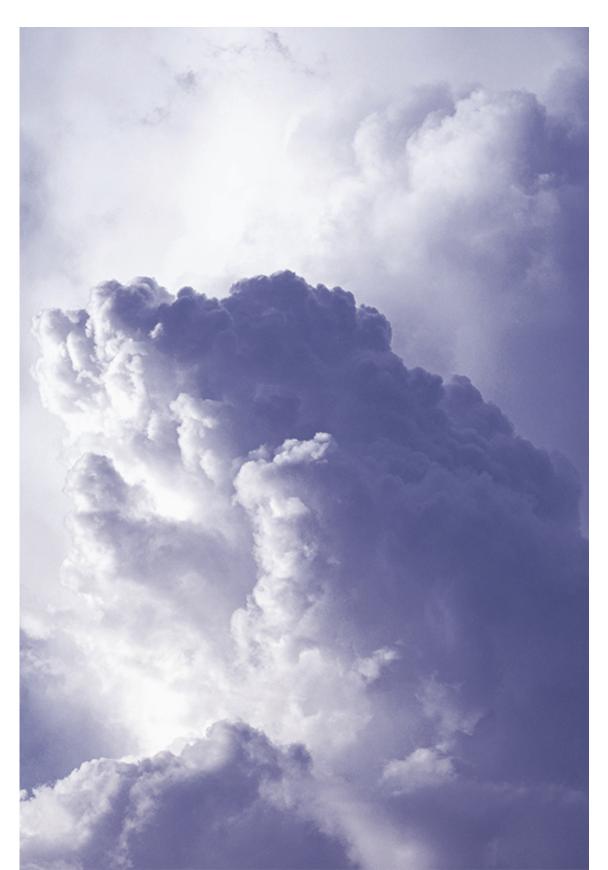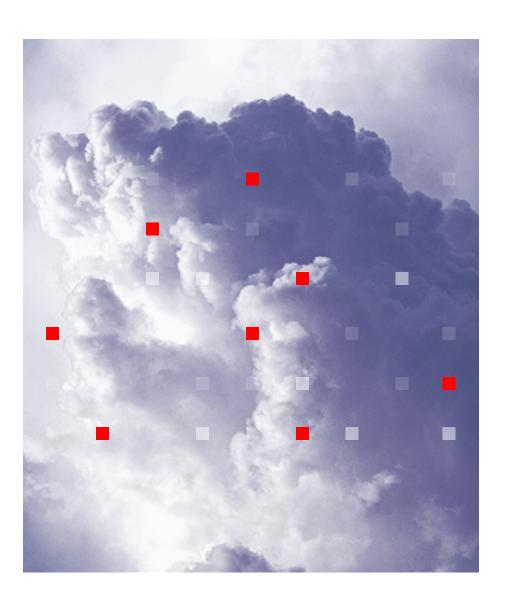Technology Manufacturer ——

CASE STUDY

2022

CASESTUDY

A leading supplier of technology manufacturing uses Megaport to power a Cloud Center of Excellence, improving business agility and network performance.

KEY
POINTS

- Deployed global connectivity quickly and easily for Cloud Center of Excellence with Megaport's Software Defined Network to support greater security and cost controls and enable cloud-native applications in Microsoft Azure and Google Cloud.

- Optimized Cisco SD-WAN connectivity to Azure in Japan with Megaport Virtual Edge (MVE).

- Improved customer service and support after moving away from traditional telco providers for connectivity.
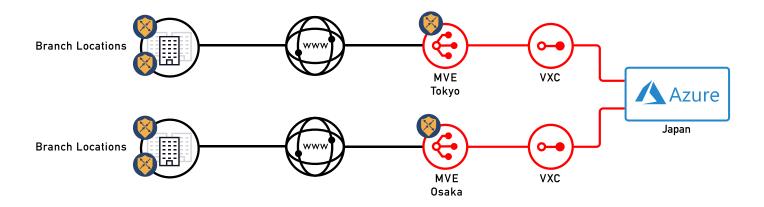
CASESTUDY

SNAPSHOT

A leading supplier to the technology manufacturing industry formed a Cloud Center of Excellence (CCoE) to better support cloud-native workloads across the globe and accelerate innovation in their business.

They chose us to power connectivity to Azure and Google Cloud for their CCoE. We deployed in Europe, North America, and Asia-Pacific, simplified their network provisioning, and improved the speed and agility of their cloud infrastructure.

Megaport Virtual Edge Deployment in Japan

Branch Locations — www — MVE Tokyo — VXC — Azure Japan
Branch Locations — www — MVE Osaka — VXC

PORT
Megaport Port

Scale beyond your infrastructure, get greater control over your data and stay competitive in your market with on-demand connectivity to the cloud. Utilize high-speed Ethernet interfaces (1 Gbps, 10 Gbps, and 100 Gbps) that connect to the Megaport network.

MVE
Megaport Virtual Edge

Megaport Virtual Edge (MVE) is an on-demand, vendor-neutral Network Function Virtualization (NFV) service that enables branch-to-cloud connectivity on Megaport's global software-defined network (SDN). MVE provides the edge-computing framework that hosts partner SD-WAN technology directly on Megaport's global SDN.

VXC
Virtual Cross Connects

Virtual cross connects (VXC) are Layer 2 Ethernet circuits providing private, flexible, and on-demand connections between any of the locations on the Megaport network with 1 Mbps to 10 Gbps of capacity. Connections of up to 20 Gbps are also available between 100 Gbps Ports within the same metro. You can specify any speed within these limits in increments of 1 Mbps.

CASESTUDY

CHALLENGE
Powering a Cloud Center of Excellence

The company's IT team was responsible for architecting a Cloud Center of Excellence (CCoE) to enable security controls and to better support their cloud-native workloads across the globe. These applications included High-Performance Computing environments, analytics, and software development for the machines the company produces for technology manufacturers. Like typical cloud use cases, these applications require a lot of burst capacity.

After setting up the platform, the CCoE has experienced exponential growth in the users and applications it supported.

" It's booming, It's really scaling up in the last year, and scaling up quickly. "

— LEAD ARCHITECT

From the outset of their CCoE build-out, the lead architect's team knew that they needed to connect their on-premises environments to multiple cloud regions within Microsoft Azure and Google Cloud. They required high capacity bandwidth via private connectivity and knew that VPNs wouldn't suit them in the long term. The company researched available options on the market and liked the ease-of-use and the self-managed nature of Megaport's software-defined cloud connectivity, which they considered better than what the traditional providers were offering.

SOLUTION
Scalable Connectivity Worldwide

The company uses Megaport cloud connectivity inside data centers near its headquarters in Europe and inside their commercial data centers on the East Coast and West Coast of the United States. This deployment enables greater business agility worldwide, as Megaport allows the company to quickly adapt to changes in connectivity requirements, particularly when burst capacity is needed. With Megaport, they can scale up and scale down services with a few clicks.

BENEFITS
Ease and Speed to Deployment and Management

The company cited the ease of deployment and management as one of the highlights of using Megaport. If more bandwidth is needed, all the customer has to do is order a Port or a Virtual Cross Connect from the Megaport portal. The longest lead time was waiting for a physical cross-connect to be ordered and installed within a data center, which could happen in as little as a day.

"If you need something to change, it's all software, and that's not much hassle," the lead architect said. "Within a week, you can start from nothing to having a connection to the cloud."

Quick, Personalized Support

The company is also happy with the responsive support Megaport provides, which contrasts the impersonal, chatbot-assisted support offered by traditional telcos.

"I like Megaport because it's how I want to deal with suppliers," said the lead architect. "The ease of interacting with each other makes it very natural."

" Within a week, you can start from nothing to having a physical connection to the cloud. "

— LEAD ARCHITECT

FUTURE PLANS
Megaport Virtual Edge in Japan

The company also uses two MVEs to optimize Cisco SD-WAN connectivity to Azure's cloud regions in Japan without having to invest in a local point of presence. MVEs allow the company to save money on paying for and installing racks inside a commercial data center in Japan and the expensive infrastructure market.

They'll continue to evaluate new markets worldwide where use cases would justify deploying more Megaport services.