



Client: American design and manufacturing company

Industry: : Manufacturing

Size: 32,000+ employees

Client Profile:

American-based company with global subsidiaries involved in designing and manufacturing large commercial trucks

CASE STUDY

Transition Legacy Virtualization to Hybrid Architecture with Azure Cloud

Organizations are rapidly reassessing their legacy virtualization setups, initially driven by cost. Leverage existing hardware for hybrid deployments, integrate secure cloud environments, and manage everything through a common control plane, optimizing for performance, cost, and scalability.

The Challenge

The customer was experiencing rapid business growth and was striving to innovate to keep pace with the changes. They began consolidating on-premises data centers into an Azure and Azure Hybrid solutions in order to lower operational costs. While their on-site IT teams were experienced with Azure, they were struggling to keep up with the company's growth. They turned to Connection to help complete their migration across 6,000 virtual machines (Windows, Linux, SQL, and MySQL).

The Solution

In coordination with Microsoft, the customer's team and Connection leveraged Dr. Migrate, Azure Migrate, and Database Migration Assistance to provide full environmental insight. Connection Professional Services performed an application and database modernization as part of this migration effort. The team reviewed and aligned existing LZ architecture to ensure the creation of a well-architected framework for security and governance. They then deployed the hybrid architecture

by using verified existing hardware to support Azure Stack HCI on-premises for compute and storage—replacing legacy virtualization. Applications, including Azure Virtual Desktop (AVD), were enabled. The customer now manages day-to-day operations while Connection provides continuous oversight of the cloud architecture.

Result

Thanks to the efforts of the customer's IT team and the Connection Professional Services team, the customer now has a modernized, scalable hybrid IT architecture. They can easily manage and scale the environment to keep up with their growth by leveraging tools like Azure Arc and Policies. Plus, they now have an improved security posture with updated disaster recovery and backup resiliency. The customer's hybrid cloud environment has lowered operational costs and allows them to complete projects on time and within budget.

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