



CASE STUDY

INDUSTRIAL MANUFACTURER

Following an acquisition, an Industrial Manufacturer required consolidation of that infrastructure—spanning multiple Azure tenants and VMware systems—into their main Azure environment to improve governance, security, and operational efficiency.

BUSINESS CHALLENGE

As part of post-acquisition integration, the manufacturer faced several operational and infrastructure risks.

- **Fragmented Infrastructure**
IT assets were split across an existing Azure Tenant and VMware, creating management complexity.
- **Lack of Platform Alignment**
Infrastructure operated outside the acquiring company's Azure standards. Backup, patching, monitoring, and security controls were inconsistent with corporate IT policies.
- **Elevated Workload Risk**
SQL Server Standard and local print services linked to a cloud-ERP represented elevated disruption risk during migration and cutover.
- **No Dev/Test Environment**
The manufacturer required coordinated production cutovers with no staging environment available, making pre-migration validation critical.

THE SOLUTION

The manufacturer partnered with Lunavi to consolidate infrastructure into Microsoft Azure using a lift-and-shift approach. Lunavi executed a structured migration from both existing Azure tenants and VMware into a new spoke subscription in the East US region, following a structured milestone approach.

- ✓ **Discovery & Readiness Assessment**
Evaluated VMs, workload dependencies, & network requirements across VMware & existing Azure source environments.
- ✓ **Spoke Subscription Provisioning**
Built Azure spoke with DMZ configuration, firewall & connectivity rules, access controls & governance baselines.
- ✓ **Workload Transition & Validation**
Migrated all VMs using Azure Migrate, performed offline testing, rollback validation, & coordinated production cutovers.
- ✓ **Disaster Recovery**
Configured Azure Site Recovery (ASR) for production workloads with failover validation & documented DR runbooks.
- ✓ **AIM & Managed SIEM Onboarding**
Migrated workloads onboarded to Lunavi's Azure Infrastructure Management & Managed SIEM services.

RESULTS



Infrastructure Consolidated

Virtual Machines and approximately 4 TB of data successfully migrated from VMware and Azure tenants.



Standardized Governance & Compliance

The environment now operates under corporate backup, patching, monitoring, and security policies.



Improved Resilience & Availability

Azure-native networking and load balancing replaced aging hardware, strengthening uptime and overall reliability.



Centralized Monitoring & Security Visibility

Azure Monitor, Log Analytics, and Microsoft Defender for Cloud now provide visibility across both infrastructure and application layers.



Azure Files Accessible And Preserved

Marketing content and archival backup shares transitioned to Azure Files in the environment, fully operational and accessible.



Foundation For Future Modernization

The Azure spoke provides scalability and flexibility for future workload optimization and modernization.

CONCLUSION



By consolidating the new acquisitions infrastructure into the current Azure environment, the Industrial Manufacturer eliminated the complexity of managing assets across multiple Azure tenants and VMware systems. The lift-and-shift approach preserved all workload functionality while bringing operations under standardized governance and security controls.

With Azure Site Recovery configured and all workloads onboarded to Lunavi's AIM and Managed SIEM services, the organization now has consolidated visibility and operational continuity. The Azure spoke provides a scalable foundation for ongoing management and future modernization of the acquired environment.

ABOUT LUNAVI

Lunavi delivers full-stack technology expertise to help clients navigate what's next, from modernizing infrastructure, implementing data analytics strategies, migrating to the cloud, building next-gen apps, or deploying AI at scale. Across multiple industries, Lunavi has led full scale IT transformations and supported teams to achieve their vision. With end-to-end expertise across cloud, data, and AI, we meet you where you are and guide you forward with solutions that scale. www.lunavi.com

