TetonCloud



Microsoft INDUSTRY CASE STUDY | MAP Build the Business Case | CLIMB Modernize Platform & Data | SUMMIT Enable AI & Innovation | Frontier Firm™

Case Study: Leading Credit Union

Executive Summary

Facing Broadcom/VMware licensing uncertainty and a large, aging on-premises footprint, a leading credit union partnered with Teton Cloud to execute a large-scale infrastructure modernization. The engagement assessed and rationalized approximately 3,000 servers and 150 business applications, consolidated data centers, modernized the automated test and virtual desktop environments, and migrated qualifying workloads to Azure. The result was a 25–30% reduction in the critical application footprint, $4.2M–$9.8M in annual savings, and a secure, AI-ready platform supporting future growth.

~3000 Servers Assessed	**150** Applications Documented	**3** Scenarios Piloted End-to-End
100% Human-Approved Actions	**4-Step** Capture-to-Audit Workflow	**1** Auditable Case History

Business Outcomes

- **Infrastructure Assessment & Rationalization:** Conducted a comprehensive assessment across ~3,000 servers and 150 business applications, using automated discovery to evaluate utilization, dependencies, storage, and cloud readiness.
- **Data Center Consolidation:** Developed and executed a phased consolidation strategy, reducing the server footprint from ~3,000 to a targeted ~1,000.
- **Test Environment Modernization:** Right-sized and modernized the automated test environment to reduce exposure, align test with production, and enable test-on-demand.
- **Virtual Desktop Migration:** Migrated the legacy remote desktop environment to Azure Virtual Desktop, reducing licensing costs and improving governance and security of end-user access.
- **SQL Modernization:** Migrated qualifying SQL Server databases to Azure Managed Instance, supporting application migration and improved scalability.
- **AI-Ready Foundation:** Delivered a controlled, human-approved AI service-request automation pilot built on Azure AI Foundry and Microsoft Power Platform, establishing a reusable, auditable architecture for future AI initiatives.

Strategic Drivers

- ☑ Reduce VMware/Broadcom licensing risk and uncertainty
- ☑ Transform legacy infrastructure into a modern cloud foundation
- ☑ Improve security, resiliency, governance, and operational agility
- ☑ Enable AI agents, automation, and future AI innovation
- ☑ Reduce data center footprint and operational complexity

> *Teton Cloud served as a strategic infrastructure modernization partner, guiding the transition from an aging, highrisk on-premises environment to a modern, governed Azure platform through infrastructure assessment, migration, automation, and AI-ready governance.*