TetonCloud



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

Case Study: A Large American Utility Company

From Hours to Minutes: Modernizing and Fully Automating DR for 400 Hybrid Applications

Teton Cloud served as the utility company's resilience modernization partner – fixing architecture, backup, and security gaps while turning hours-long manual recovery into one-click orchestration for 400 applications, tested and ready for audit.

Executive Summary

For a large American utility company, recovering critical services took hours of manual, document-driven work – and a closer look uncovered inefficient architecture, environments not backed up to established standards, and security gaps. As part of a broader modernization of its hybrid estate, the utility company partnered with Teton Cloud to fully automate disaster recovery. Teton Cloud remediated every gap and re-architected as the automation was built, then scaled one-click recovery to 400 applications – cutting recovery from hours to minutes on a cleaner, more secure foundation.

400
Applications with Fully Automated Recovery

Hrs → Mins
Recovery Time for Critical Applications

1-CLICK
Failover & Failback Across the Hybrid Estate

100%
Security & Backup Gaps Remediated

Business Outcomes

- **Recovery in Minutes, Not Hours:** Automated orchestration replaced manual, document-based recovery.
- **Architecture Modernized:** Inefficient architecture redesigned in-flight — a leaner, recoverable foundation built alongside the automation.
- **Security & Backup Gaps Closed:** Security issues and environments missing established backups were found and fully remediated.
- **Resilience at Enterprise Scale:** 400 applications protected by standardized runbooks across on-premises, cloud, and secondary sites.
- **One Control Plane for Hybrid DR:** Perpetuuiti Continuity Patrol™ unifies Azure Site Recovery and VMware SRM.
- **One-Click Failover & Failback:** App, database, DNS, and network steps automated — every app certified business-ready with UAT.
- **Audit-Ready on Demand:** Non-disruptive drills produce RPO/RTO evidence for regulators, auditors, and the board.
  Always-On Readiness: Continuous monitoring flags RPO/RTO drift before it becomes a recovery gap.

Strategic Drivers

- ☑ Cut recovery time for critical utility services from hours to minutes
- ☑ Eliminate manual, error-prone recovery as part of a broader modernization
- ☑ Unify DR across on-premises and cloud under one control plane
- ☑ Prove recoverability to regulators and leadership – on demand
- ☑ Fix inefficient architecture and close backup and security gaps

01 Intake
Assess, tier & find gaps

02 POC
Recover one critical app

03 Fix & Automate
Remediate & build runbooks

04 Certify
Drill, UAT & failback