TetonCloud



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

# Case Study: A Leading Global Payment Processor

## Migrating Mission-Critical, Real-Time Payments Infrastructure to Microsoft Azure

### Executive Summary

After an outage put customer trust and partner bank relationships at risk, a leading global payment processor turned to Teton Cloud to move its mission-critical, real-time payments platform to the cloud. The result: a 30-minute recovery time objective, zero disruption to customers, and a modern foundation ready for full resiliency and future AI-driven innovation.

**30 MIN** Recovery Time Achieved

**100%** Integrity, Zero Data Loss

**ZERO** Code Rewrites Required

**ACTIVE** Multi-Region Resiliency Architecture

### Business Outcomes

- **Mission-Critical Migration:** Real-time payments platform moved to Azure with zero customer disruption.
- **Rapid Lift-and-Shift:** 120-day migration timeline with zero application code rewrites.
- **Multi-Region Resiliency:** Active/warm-standby Azure regions cut Recovery Time Objective to 30 minutes.
- **Database Modernization::** Oracle Exadata migrated to Oracle Database@Azure with sub-15-minute failover.
- **Active-Active Roadmap:** Three-phase plan built for microservices and AI-driven modernization.
- **Microsoft & Oracle Partnership:** Joint Azure investment accelerated the business case and cut client risk.

### Strategic Drivers

- Resolve recurring platform outages that were eroding customer trust and put partner financial institution relationships at risk
- Modernize a legacy, data-center-bound payments platform without disrupting mission-critical transaction processing
- Reduce Recovery Time Objective and establish enterprise grade disaster recovery
- Position the platform to adopt microservices architecture and AI-enabled modernization
- Strengthen a strategic multi-party technology partnership across cloud and database platforms

> *Teton Cloud served as the trusted delivery partner orchestrating a complex, multi-vendor migration — coordinating the client's engineering teams with Microsoft and Oracle to move mission-critical, real-time payments infrastructure to the cloud with speed, precision, and zero disruption to customers.*