



TetonCloud

INDUSTRY FOCUS: RETAIL

The Journey to Intelligent Retail Begins with a Modern Foundation.

Teton Cloud helps Retail organizations migrate, modernize, secure, and optimize their technology estate using Microsoft Azure, Microsoft Security, Data & AI, and Power Platform technologies.

From data center exit and cloud migration to application modernization, resilience, and AI enablement, we transform legacy environments into secure, scalable, and intelligent platforms that accelerate innovation and business outcomes.

Today's Retail organizations face foundational challenges preventing AI success:

- ✓ Legacy POS, ERP, and order management systems
- ✓ Fragmented customer, product, and inventory data across channels
- ✓ Peak-season scalability and uptime pressure
- ✓ PCI DSS compliance and payment data security
- ✓ Thin margins and pressure to reduce operating costs
- ✓ Store workforce turnover and productivity
- ✓ Rising customer expectations for speed and personalization

AI Transformation Demands Strategic Planning

85%

of retailers have not yet begun implementing multiagent AI systems

90%

of retail & CPG executives say AI investment will continue to grow in 2026

44%

of retail executives expect generative AI to weaken brand loyalty by 2026

*Microsoft Sources: IDC: [What every company can learn from Frontier firms leading the AI revolution](#) (#US53838325), November 2025; IDC infographic, sponsored by Microsoft, [Expanding the Frontier: Agentic Transformation in Capital Markets](#), Doc. #US54232126-SIG, February 2026

Retail Ambitions in the Era of AI



Personalized Experiences at Scale:

Shoppers expect relevant offers, recommendations, and service across every channel, in real time.



Unified Commerce Across Channels:

Customers want seamless journeys between store, web, mobile, and marketplace, backed by one view of inventory and orders.



Empowered Store Associates:

Frontline teams want AI tools that put product, inventory, and customer insight in their hands on the floor.



Regulatory Evolution:

Retailers want demand sensing and inventory positioning that adapt to shifting demand, promotions, and disruption..

Key Use Cases

- Modernize commerce platforms to enable personalization
- Unify store and supply chain data for real-time inventory
- Empower store associates with AI
- Scale for peak demand with built-in resilience
- Secure payment and customer data



Teton Cloud Case Study: Retail

Client Problem:

A national convenience and fuel retailer ran its payments, store support, and franchise systems from a single data center with no tested way to fail over. A single outage could take stores offline, and an outdated inventory built on tribal knowledge left leadership without the data to plan recovery or modernization.

SOLUTION

Teton Cloud mapped all 400 servers and 132 applications in five weeks and validated them with their owners. The team designed a disaster recovery plan that fails store systems over to Oracle Cloud with no network changes, and built a costed, right-sized Azure roadmap of 23 migration waves over about six months.

IMPACT

The organization turned a single point of failure into a recovery-ready plan, with network, security, app delivery, and infrastructure teams aligned on one recovery design and documented runbooks. Leadership now has a costed, sequenced roadmap to Azure it can fund, starting with early wins.

1K+

APPS
MIGRATED &
MODERNIZED

100+

DATA
CENTERS
SHUT DOWN

1K+

APPS
AUTOMATED &
ORCHESTRATED

RESULTS

- ✓ \$1.1M in annual savings identified, a 74% run-cost reduction
- ✓ 400 servers and 132 applications mapped and owner-validated in 5 weeks
- ✓ Recovery plan for payments, store support, and franchise systems on Oracle Cloud
- ✓ 505 CPU cores, 491 GB of memory, and ~52 TB of storage right-sized out
- ✓ 23-wave migration plan with 107 simple applications moving first

Teton Cloud combines deep Retail expertise with a platform-first approach to help organizations build the modern foundation required for AI transformation:

✓ MAP | Evaluation Process

Understand where you are today through a readiness assessment that addresses 1) clear visibility into the barriers preventing AI adoption today, 2) Baseline understanding of cloud, data, security, and application readiness, and 3) Prioritized opportunities to modernize and accelerate transformation.

✓ CLIMB | Design & POC

Build the roadmap to AI readiness that provides 1) defined path from legacy operations to an AI-ready enterprise, 2) aligned business, technology, and investment strategy, and 3) executive roadmap connecting modernization directly to AI outcomes.

✓ SUMMIT | Platform Modernization

Execute the foundation for AI with 1) a secure, scalable foundation required to become a Frontier Firm and 2) connected data, modern applications, and governed cloud platforms ready for AI innovation.

Retail moves at the speed of the customer. We help retailers transform legacy store, commerce, and supply chain systems into secure, AI-ready platforms that personalize every experience and keep inventory flowing.