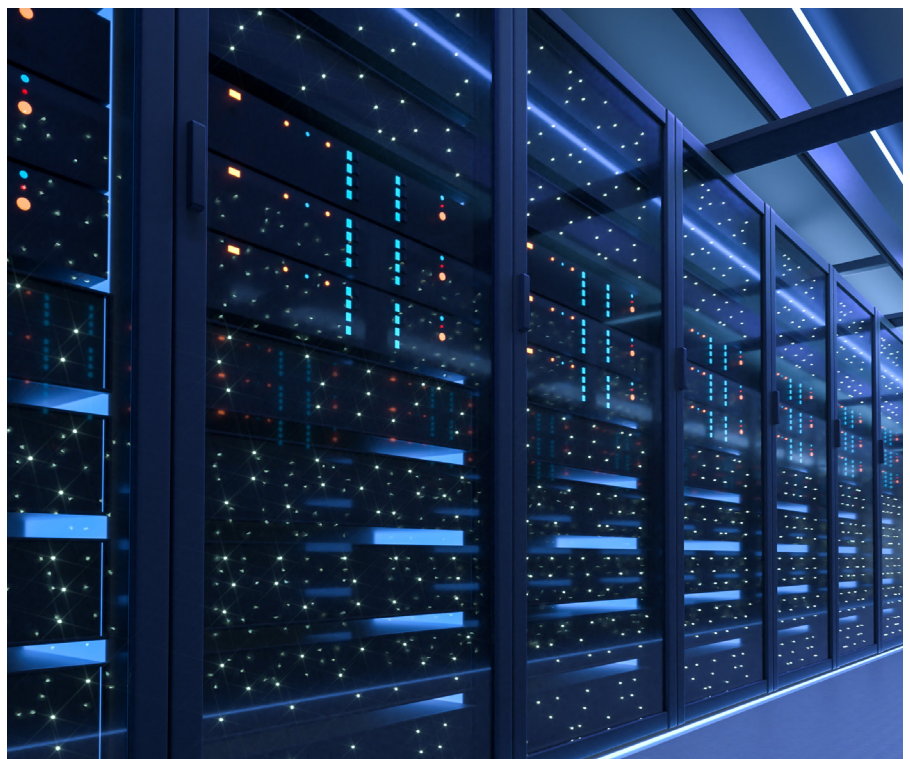
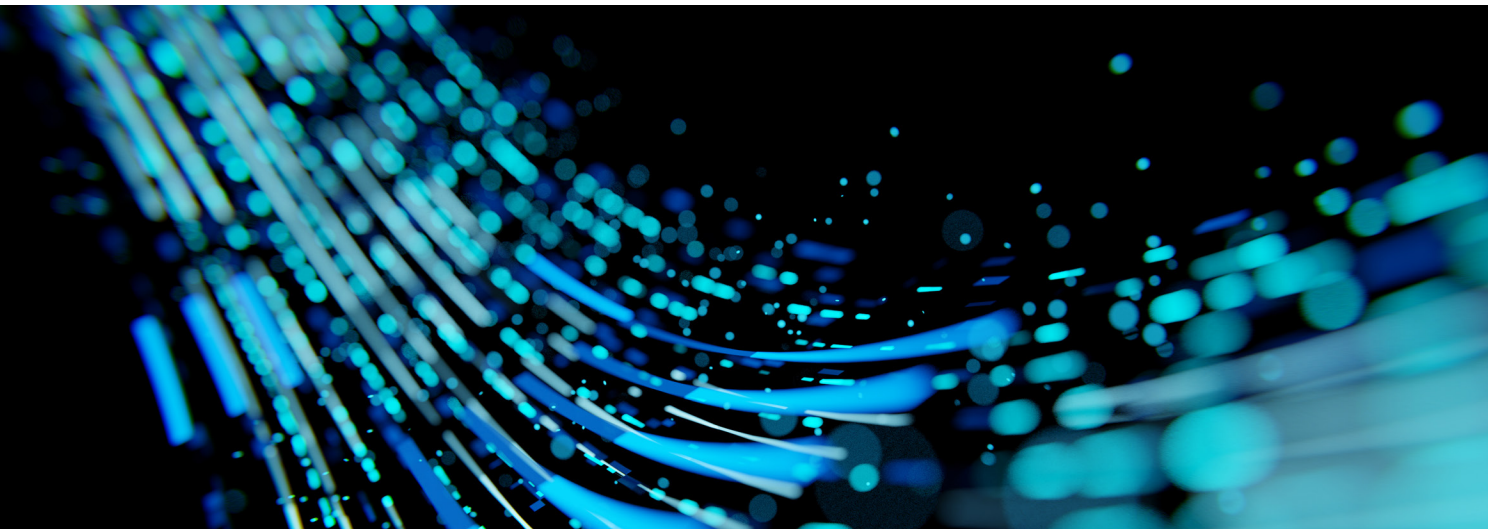


Lowering Costs and Improving Scalability With AWS Migration

A global leader in e-commerce, supply chain and data management calls on TEKsystems Global Services to enhance application performance and scalability for end customers by migrating to AWS.



Modernizing Legacy Applications To Meet E-Commerce Demands

As a trailblazer in [consumer commerce experiences](#), our customer provides their end clients with comprehensive and efficient services, including cost reduction, scalability and innovative problem-solving. Based on previous engagements, they trusted TEKsystems Global Services (TGS) to perform a data center migration to Amazon Web Services (AWS). TGS recognized that migrating our customer's monolithic legacy applications to AWS' cloud computing platform would provide the customized flexibility their end clients expect.



What We Did

Cloud Services



Industry

Technology Enablement

Consumer and
Industrial Products



Results

Lowered Expenses

Decreased RTO

Decreased RPO



Key Integrations

AWS

The Challenge

Migrating From On-Premises to AWS

Ordering an Omnichannel Approach to E-Commerce

As a leader in [complex digital platforms in commerce](#), data management and supply chain for over 250 major retailers, our customer oversees manufacturers and distributors worldwide. Their mission? Providing seamless commerce—where their end clients can deliver an efficient digital experience—so consumers find, buy and receive the products they want, when they want and how they want.

With a successful e-commerce platform, modernization efforts ensure their ability to outpace the competition. And while their solution architects manage strategic engagements internally, they acknowledged a successful AWS cloud migration required the insight and support of a trusted AWS partner.

Enter TGS, an AWS Premier Tier Services Partner. When it comes to our AWS approach, we build, modernize and innovate—exactly what our customer ordered.

Our Solution

AWS Three-Tier Architecture

Scalability: A Repeatable Framework

Improved customer experiences and new revenue streams were top of mind as we learned the ins and outs of our customer's business objectives. Through discovery calls with their clients, it became evident that a universally applicable architecture would be beneficial. Think: scalability.

TGS identified a traditional [three-tier AWS architecture](#) consisting of presentation, business logic and data tiers—enabling scalability, modularity and flexibility in software development. Using this method, our team created a repeatable framework that could be used across the project for many different end users, which helped execute the AWS cloud migration successfully.

We started by migrating commerce applications from on-premises to AWS and updated the infrastructure from data centers to AWS' cloud-based environment. Next, we prepared end clients for the move.

By mapping a plan to migrate commerce applications, platform and infrastructure to AWS, our team provided a thorough AWS migration plan. The framework saved time and increased cohesion.



Powerful Partnership

Partners in Data Migration

Relentlessly Focused on Customer Experience

As a trusted [AWS Premier Tier Services Partner](#), we offer specialized training services that empower employees, drive adoption, and build effective and innovative teams for [cloud initiatives](#).

Throughout this application modernization project, dedicated TGS resources provided technical expertise and thought leadership guidance. Our advisory role allowed the customer to mature customer-facing conversations, resulting in clear communication, project efficiency and ease for their clients and end users.

Real-World Results

The AWS migration improved database speed, including backup scheduling and storage. The result? Significant cost reduction and time savings.

Our automation enabled our customer's Systems Ops teams to execute whenever data was sent—a process reduced from hours to minutes.

The organization experienced immediate value impacts, including:

- Lowered costs: Operating their e-commerce application on AWS instead of their previous on-premises data center saved costs.
- Scalability and efficiency: Migrating to AWS allowed them to scale applications based on their customers' use cases.
- Innovation: AWS enabled them to provide creative solutions for their clients, making the overall user experience more robust.

↓RTO

(recovery time objective)
to under 4 hours

↓RPO

(recovery point objective)

About TEKsystems and TEKsystems Global Services®

We're a leading provider of business and technology services. We accelerate business transformation for our customers. Our expertise in strategy, design, execution and operations unlocks business value through a range of solutions. We're a team of 80,000 strong, working with over 6,000 customers—including 80% of the Fortune 500—across North America, Europe and Asia, who partner with us for our scale, full-stack capabilities and speed. We're strategic thinkers, hands-on collaborators, helping customers capitalize on change and master the momentum of technology. We're building tomorrow by delivering business outcomes and making positive impacts in our global communities. TEKsystems and TEKsystems Global Services are Allegis Group companies.

Learn more at [TEKsystems.com](https://www.teksystems.com).