

# Modern Data Estate

## DOES YOUR DATA PLATFORM SUPPORT DIGITAL DELIVERY OF YOUR PRODUCTS OR SERVICES?

Digital transformation starts with data, but the increased volume and variety of data and having right data at right time makes it more complex to draw valuable insights to make informed and timely decisions. Data modernization refers to a process of progressively restructuring how data is collected, stored and managed to take advantage of Artificial Intelligence (AI), Machine Learning (ML) and rapid data sharing. We specialize in identifying cost-optimized, high impact initiatives coupled with a roadmap for more complex goals helping you build a maturity strategy that will optimize higher-relevant data, generating more robust data and analytics to solve business challenges and boost business outcomes. Let us help you build a comprehensive plan based on industry metrics and best practices that produce return on investment results.



### DATA MODERNIZATION SERVICES

TEKsystems Global Services provides a full suite of modern data services; however, we realize that each of our customer is unique and need a customized approach to their goals. Modern Data Estate is a journey to maturity. We meet our clients where they are and help build multifaceted strategy roadmaps that consider short-term gains and long-term investments driving incremental maturity complete with estimates, budget justification, and return on investment. Research shows that companies that invest in their data platform vastly outperform companies that don't.

#### Hybrid

Many organizations will continue to rely on on-premise data to make decisions, leverage your data regardless of where it is.

#### AI/ML

Accelerate data-driven decision making to transform conventional methods that cannot handle huge volumes of data gathered from different sources such as streaming and IoT.

#### Globally Distributed Data

Businesses need applications and data available to its customers wherever they are in the world with fast response time and turnkey high availability.

#### Modern Cloud Scale Analytics

A big-data solution to gather, store, process, analyze and visualize data of any volume, variety, or velocity—ingest, store, prep, serve and report to predict or derive insight from devices and trends in real-time.

#### Pathways to Modernize RDBMS

Transactional databases can be easily migrated with little to no code changes and near zero downtime to Azure.

#### Pathways to Modernize No-SQL and Distributed File Systems

Migrate your on-premise Hadoop ecosystems to Azure cloud for a simpler and easier to manage ephemeral configuration.

### PROOF POINTS

- NATIONAL COMMERCIAL CONSTRUCTION** - Implemented modern cloud analytics to modernize business intelligence, labor predictions and dashboarding needs at national scale.
- MULTINATIONAL CONSUMER GOODS** - Converted on-premises analytics platform to cloud-based Azure Data Lake and Data Hub services.
- REGIONAL PUBLIC UTILITY** - Designed an innovation pilot framework for a prominent PUC that includes data sharing, access and analytics to gain insights into user behavior. Topics include tariffs, utility and data clearing, energy efficiency, fiber sensing, and virtual energy metering,
- HOSPITALITY** - Designed, constructed and implemented data architecture to support a monolithic application conversion to ~40+ microservices architecture. Data platform architecture included decoupling of monolithic data sources, data integration of microservices, data streamlining, service bus, real-time integration of data sources.
- OIL, GAS & ENERGY** - Designed, developed and delivered multi-cloud and edge architecture to support real-time data pipelines, industrial data lakes and edge/IoT infrastructure managing oil field operations.
- NATIONAL RETAIL GROCER** - Conducted migration & modernization at scale from on-premise to Azure to save \$25m in legacy data platform hosting costs.
- INTERNATIONAL STAFFING AND WORKFORCE MANAGEMENT** - Migrated data platforms to Snowflake hosted on Azure to improve performance and reduce operating costs.

### COMMON CLIENT CHALLENGES

- Present applications and data anywhere in the world
- Building complex AI/ML capabilities
- Securing and governing large amounts of data while maintaining high performance
- Lack of modern resources and skills

### ABOUT TEKSYSTEMS

We're TEKsystems. We accelerate business transformation by solving complex technology, business and talent challenges—across the globe. We partner with 80% of the Fortune 500 to create solutions that enable them to capitalize on change. TEKsystems is an Allegis Group company. [Learn more at TEKsystems.com](https://www.teksystems.com).