TCS MIGRACE
One stop service platform for data modernization to Azure cloud

WHY MIGRACE

In today's digital world, customers are considering moving to cloud in order to alleviate risks like scalability, in-house skills, performance, storage cost and infrastructure maintenance. Cloud data migration is crucial for imperative business growth, competitive differentiation and meeting the requirements of agility and flexibility. Modernizing legacy appliances, selecting right migration approach, maintaining data Integrity and high migration cost are another setback in data migration process. There is a requirement for highly available, more secure and scalable solution for Migrating data from Multiple sources and formats in minimal time. There is further need for Data Analytics and Consumption on top of the data Ingested.

TCS + MIGRACE

TCS' Migrace is a Portfolio of solutions to accelerate and standardize data migration to Modernized Data platform on Azure. It is combination of tools, solution and framework focusing on different data aspects like Data Ingestion & Validation, Appliance, Hadoop, Database Migrations, Archival and ERP Data.

OFFERINGS

DATA TERN

A framework to migrate OLTP sources like Oracle, SQL server, Postgres, MongoDB , DB2 using Azure supported tools to azure cloud databases like azure SQL, Azure PostgreSQL and Azure Cosmos DB

RAPIDIN

Self Service Accelerated Data Ingestion, AI driven Data Quality and Data Validation tool which is used to ingest data from various sources like Cloud, File folders, FTP/SFTP and File Server, Database and HDFS into Azure Data Lake and Operational Data Store

MIGRATEX

Framework consisting of various tools to accelerate and simplify migration of data from appliances like Netezza, Exadata and Teradata to Azure Synapse and Snowflake

GIANTIO

Framework to migrate HDFS and Application from Hadoop ecosystem to Azure environment
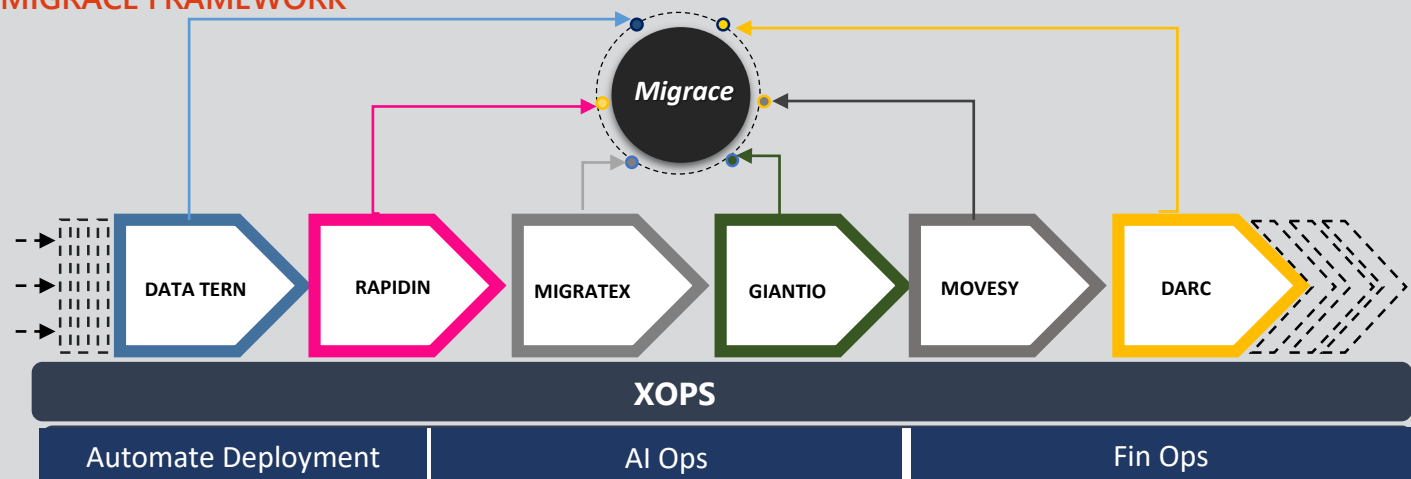
MOVESY

A framework to ingest ERP data into azure cloud, integrate with other data and gain meaningful business insights.

DARC

Solution to Archive on-Premise Data to Azure cloud storage.

MIGRACE FRAMEWORK

| DATA TERN | RAPIDIN | MIGRATEX | GIANTIO | MOVESY | DARC |

XOPS

| Automate Deployment | AI Ops | Fin Ops |

How TCS Helped customers on Data Modernization to Azure Cloud

MIGRACE FEATURES

➢ **Self-service Interactive portal** that gets User configurations and generates reports summarizing the ingestion activity performed
➢ **Tools & Accelerators for Data Migration**
➢ It offers a **Framework driven migration**- Data Discovery, Data Modelling, Schema & code conversion
➢ **AI driven Data quality checks**
➢ **Integration with AI Ops, Dev Ops and Fin Ops for deployment, monitoring and Azure Resource Optimizations**

BENEFITS

Faster market solutions

- Dynamically handle load
- Minimal setup
- Accelerate data Ingestion

Citizen Developer

- Preconfigured data migration code
- UI based configurations

Limited human Intervention

- MFDM* based approach to wards data Ingestion, trans formation and testing

*Machine First Delivery Model

One stop Solution

- Data migration
- Data quality check
- Data archival
- Data validation

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for over 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.
A part of the Tata group, India's largest multinational business group, TCS has over 528,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US $22.2 billion in the fiscal year ended March 31, 2021, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit www.tcs.com

Building on Belief