Cognizant®

Enterprise Data Migrator

Balking at a big move? Here's help.

Today's organizations need modernized data analytics and an optimized infrastructure. Legacy data must be migrated to the cloud. Here's how to lighten the load.

As enterprise data from multiple sources grows at an accelerating rate, costs are rising sharply. To optimize their data infrastructure, organizations need to migrate their data.

Migrating structured data in various legacy formats is challenging enough. Maintaining pre-determined schemas while migrating unstructured data from a range of sources is harder. The task must be managed quickly, accurately, and cost-effectively, while leaving current operations undisturbed.

Now there is a viable option to achieve these objectives: **Enterprise Data Migrator** — a key component of the **Cognizant AI Data Modernization Platform**.

Building on a legacy

More than 50% of large enterprises still rely on mainframes and appliances.[1] Costs are rising, while traditional enterprise data warehouses and legacy systems are failing to meet the needs to deliver business insights at speed.

Enterprise Data Migrator is a pre-built, proven migration engine that helps organizations migrate existing data from appliances, data warehouses and legacy mainframe systems to maximize performance and reduce costs with minimal coding. If they are formatted appropriately, Enterprise Data Migrator also migrates stored procedures that operate against the migrated data.

Enterprise Data Migrator presents a compelling choice to overcome the challenge of moving to the cloud with less risk. It automates data and application migration to the fullest extent possible — including the migration of stored procedures, up to four times faster for data transfer while reducing effort by as much as 60% over projects in-house.[2]

A comprehensive migration engine, Enterprise Data Migrator accelerates a company's journey to effective enterprise analytics and AI — at their own pace and in accordance with their specific needs.

Accelerating to the future: it's about performance

Cognizant's Enterprise Data Migrator:

- Migrates large volumes of data — including from Netezza and Teradata — in hours, using multi-threaded parallel execution with throttling.

Enterprise Data Migrator. Up to 4x performance improvement by automating the movement and protection of data, while reducing effort by as much as 60%.[3]

- Automates movement of data while offering security for pre-existing processes and schemas.
- Maintains data privacy during migration, upholding ethical data principles.
- Works with AWS or Microsoft Azure cloud services, and hybrid systems including Hadoop.
- Automates data ingestion by more than 90%, and schema and table migration by 85%.
- Automates application migration by more than 65%, and systems integration testing by 40%.
- Provides near real-time monitoring, alerts and notifications in an easy-to-use interface.
- Leaves no software footprint after the migration.

Making the move: key benefits

Enterprise Data Migrator clears the path to a modernized data strategy, creating a foundation for analytics that can move the business forward. It allows organizations to:

- Reduce costs for storing the petabytes of enterprise data that today's companies hold in multiple systems.
- Optimize information architecture, planning and backups, leveraging cloud-based services or a Hadoop-based data lake.
- Right-size data structure and providing a one-time offload to cold storage for archived data.
- Lessen the burden on in-house resources while meeting specialized needs.
- Provide up-to-date skills and toolsets for data migration, structure and management.
- Offload data from primary systems on an ongoing basis, to allow immediate access and analytics while keeping legacy, appliance and warehouse systems intact for processing.

Cognizant built Enterprise Data Migrator based on our more than two decade's experience in large-scale enterprise IT, data management, and code development for Fortune 1000 companies. It integrates with the two other essential components of our AI Data Modernization platform: Enterprise Data Lake and Enterprise Analytics.

Why Cognizant?

Enterprise Data Migration is one of three essential components in the Cognizant AI Data Modernization Platform — a real-time intelligence platform for ingesting, structuring and analyzing big datasets powered by our pioneering Cognizant BigDecisions® solution.

Cognizant AI Data Modernization Platform is the fastest way to implement an AI-driven architecture, operationalize AI, and enable analytics using all the data that matters to the business — for true enterprise-wide intelligence. It allows organizations to modernize data to generate insights faster, accelerate impact, and capitalize on new business opportunities.

For more than 25 years, Cognizant has been a leader in providing complex IT services, data management, and digital transformation to companies around the world, including many in the Fortune 1000. Cited as a leader in the *Forrester AI Consultancy Wave Report* and recognized by Gartner Magic Quadrant, we continue to deliver state-of-the-art approaches to data management.

Notes

[1] www.itproportal.com/features/how-to-get-the-c-suite-ready-for-mainframe-modernisation/.

[2] Based on benchmarking comparisons performed during implementations. Results may vary.

[3] Ibid.