

# Automated Data Platform Modernization Solution to Enable the Intelligent Enterprise™

**4x** faster transformation

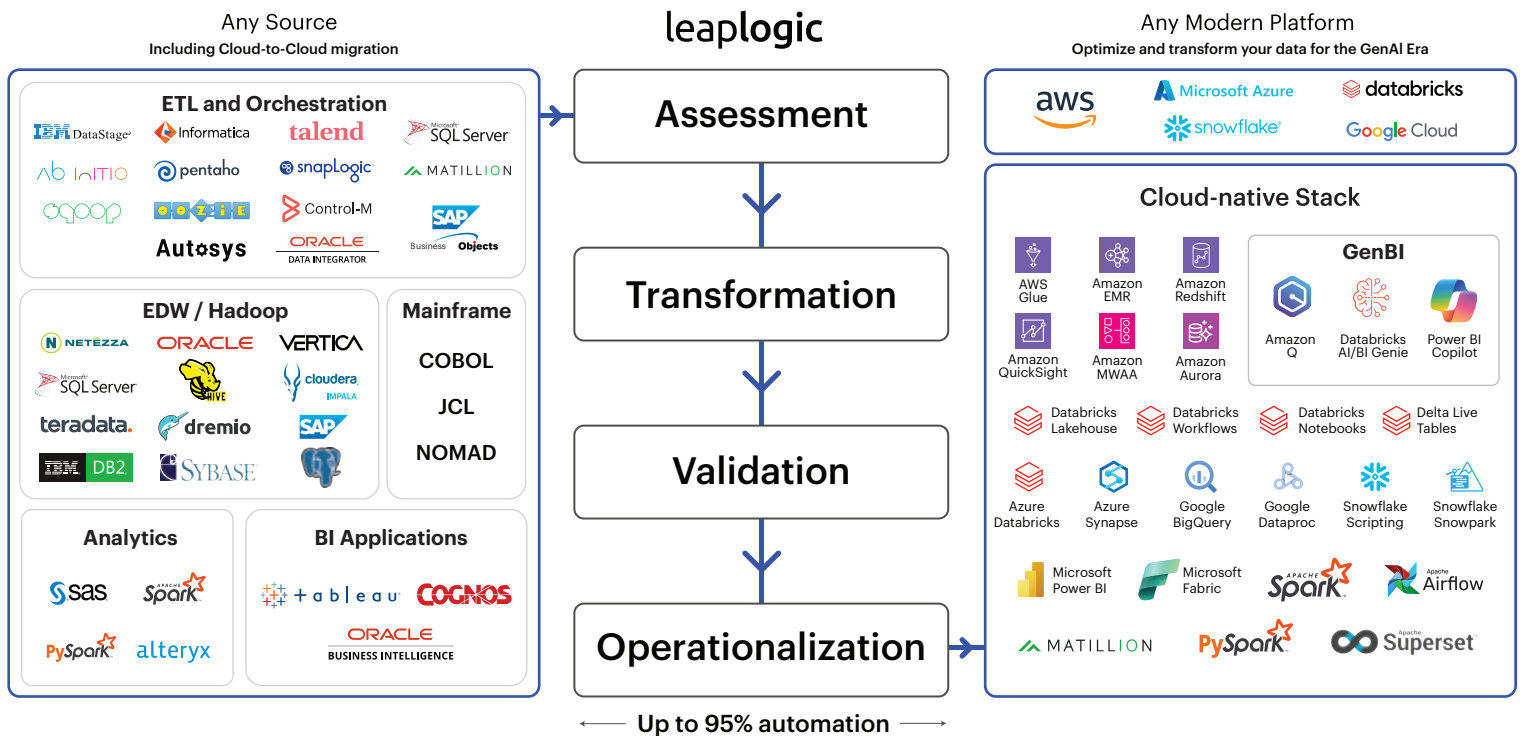
**2x** less manual effort

**1.5x** faster validation

**2x** lower cost

Impetus LeapLogic™ fully automates end-to-end modernization of legacy data warehouse, ETL, BI, analytics, mainframe, and Hadoop workloads to leading native cloud platforms

## Intelligent transformation to minimize business disruption with up to 95% automation



## LeapLogic automates your complete end-to-end modernization unlike traditional migration tools

Assessment	Transformation	Validation	Operationalization
<p><b>Automated workload analysis with actionable recommendations</b></p> <ul style="list-style-type: none"> <li>Analyzes workloads to identify interdependencies</li> <li>Recommends optimizations</li> <li>Generates an architecture blueprint with capacity planning</li> </ul>	<p><b>Intelligent pattern-based transformation of legacy code and business logic</b></p> <ul style="list-style-type: none"> <li>Reuses core business logic</li> <li>Schema conversion</li> <li>Verified, executable package meeting performance SLAs</li> </ul>	<p><b>Pipeline-based automated query and data validation for disparate datasets</b></p> <ul style="list-style-type: none"> <li>Auto-generates reconciliation scripts</li> <li>Conducts system integration testing</li> <li>Resolves conflicts to ensure workload integrity</li> </ul>	<p><b>Go live and smooth cut-over with a controlled price-performance ratio</b></p> <ul style="list-style-type: none"> <li>Conducts user acceptance testing</li> <li>Implements infra-as-code and automated DevOps</li> <li>Stabilizes the platform via parallel runs</li> </ul>

# Key capabilities powered by LeapLogic's intelligent pattern-based transformation engine



## Intelligent code transformation minimizes errors

Not line-by-line translation, LeapLogic's pattern-based transformation retains business logic, to improve performance and reduce errors. It leverages a continuously evolving rules engine driving deeper automation



## One tool for all your legacy transformation needs

Supports end-to-end automated transformation from assessment to operationalization across diverse environments, including DDL, DML, stored procs, ETL/ELT logic, orchestrators, UDFs, analytics scripts, and legacy formats like BTEQ



## Future-proof your architecture with cloud-native services

Goes beyond migration to restructure pipelines and workflows to align with modern cloud-native paradigms like modular microservices, ELT-based models, Data Mesh, and Lakehouse architecture



## Eliminate debt and improve code efficiency

Automatically identifies and rectifies technical debt, like complexities and inefficiencies in legacy code and inactive/unused code



## Platform-agnostic orchestration

Custom-built orchestration pipelines using Airflow, DBT, or native cloud schedulers such as Amazon MWAA, Google Cloud Composer, and Databricks Workflows



## 360-degree view of dependencies eliminates risk of failure

Scans entire data pipelines, lineage, interdependent jobs, and workloads using static and dynamic analysis to generate complete dependency graphs pre-migration



## Reassures migration success with in-built validation suite

Performs schema, business logic, record-level, and aggregate-level validation using configurable rules and reconciliation strategies



## Limitless scalability with parallelized architecture

Leverages distributed compute frameworks like Apache Spark to optimize processing and reduce bottlenecks to handle terabyte-to-petabyte scale workloads

**Up to 95%**

automated transformation





**100%**

business logic preservation

**Over 100 million**

lines of code auto-transformed to date

## Proven across hundreds of enterprise-class migrations

	<b>Teradata to AWS</b>	<ul style="list-style-type: none"> <li>• <b>70% effort and 22% time-savings</b></li> <li>• <b>90% auto-conversion</b></li> <li>• <b>50% reduction</b> in passenger wait time</li> <li>• <b>5% increase</b> in booking and ancillary sales</li> </ul>
	<b>SAS to Databricks</b>	<ul style="list-style-type: none"> <li>• <b>10x performance improvement</b></li> <li>• <b>80 – 100% conversion</b> of medium and simple SAS modules</li> <li>• <b>200+ user datasets</b>, flat files, and mainframe datasets migrated to Delta tables</li> </ul>
	<b>OBIEE to Power BI</b>	<ul style="list-style-type: none"> <li>• <b>1200+ OBIEE reports</b> migrated to Power BI</li> <li>• <b>&gt;99.99% availability</b> of components</li> <li>• <b>85% compute cost reduction</b></li> </ul>
	<b>Netezza to Azure, Informatica to Databricks, SAP Business Objects and Tableau to Power BI</b>	<ul style="list-style-type: none"> <li>• <b>30% performance improvement</b></li> <li>• <b>25% cost reduction</b></li> <li>• <b>85% auto-transformation</b> of complex Informatica workloads</li> </ul>

## Beyond LeapLogic-enabled migrations

Impetus, a premier Data and AI system integrator, offers a comprehensive portfolio of engineering services and solutions to help businesses power the Intelligent Enterprise for superior business outcomes.

