

Enterprise Data Lake

Ready for the future of data? Get there faster.

A successful journey to insights-ready AI demands a modernized data core — based on a secure, scalable, and versatile data lake, able to combine both structured and unstructured data.

Building a useful, comprehensive data lake takes time. The process is costly and introduces risk. Creating the right analytical environment can also be dauntingly complex, given the variety of data involved. Add necessary compliance strictures for privacy and data governance such as GDPR and CCPA, and the challenge is harder still.

So it's no surprise that, according to Forrester, fully one-third of enterprise data lake projects fail to deliver the promised benefits of business insights that create value.

Companies can build a scalable solution quickly, using the standalone **Enterprise Data Lake** module that is part of the **Cognizant AI Data Modernization Platform**.

Pre-built architecture — and open source

Enterprise Data Lake gives organizations a secure data framework with ethical data governance, while helping ensure data quality and offering flexibility by handling both structured and unstructured data.

Enterprise Data Lake helps organizations benefit more quickly and consistently from their initiatives to implement analytics — in turn to create value and drive new revenues. It includes an array of self-service workbenches and governance capabilities for faster integration and more rapid realization of organizational goals.



Enterprise Data Lake. Pre-built, pre-integrated, configurable and versatile. Ready in less than 75% of the time of in-house projects — at up to **50% savings**.¹

Our Enterprise Data Lake is a pre-built, pre-integrated platform that can be configured and ready to use in far less time. It includes more than 100 pre-built Smart Connectors to help organizations to deploy with greater ease and far more rapidly — with recent deployments completed at up to 75% less time than projects undertaken in-house.²

Streams feed the lake: data feeds the analytics

Enterprise Data Lake incorporates:

- Universal data management and rapid ingestion
- Self-service data discovery and exploration
- Interactive analytics
- Context-sensitive metadata
- Ethical governance of data and the environment

Data is the key: benefits

Enterprise Data Lake allows organizations to:

- Assemble structured and unstructured data into optimal formats efficiently.
- Create a single point of access to all organizational data, providing optimized access to operational and business-unit teams.
- Rapidly map data sources to canonical data models.
- Protect users and customers with strong data privacy management and data security.
- Explore and query data interactively across platforms.
- Implement an ethical data framework.

Built based on Cognizant's more than ten year's experience delivering data-lakes projects for Fortune 1000 companies, our data lake offering is open-source, data-agnostic, and highly configurable.

Why Cognizant?

Our Enterprise Data Lake module is one of three essential components of Cognizant's AI Data Modernization Platform — a real-time intelligence platform for ingesting, structuring and analyzing data powered by our pioneering Cognizant BigDecisions® solution.

The Cognizant AI Data Modernization Platform is the fastest way to implement an AI-driven architecture, operationalize AI, source all data that matters to the business and deliver enterprise-wide intelligence. It allows organizations to modernize data to accelerate impact, generate insights faster, 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 Based on benchmarking comparisons performed during implementations. Results may vary.

² Ibid.



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