



TGH

Making Integrations Simpler



Building Enterprise-Grade Data & AI Platforms on Databricks

How TGH Software Solutions designs, implements,
and operationalises

Databricks Lakehouse architectures

Databricks Lakehouse Architecture

Unified Processing

Batch and streaming workloads converge on Delta Lake, eliminating data silos and architectural complexity.

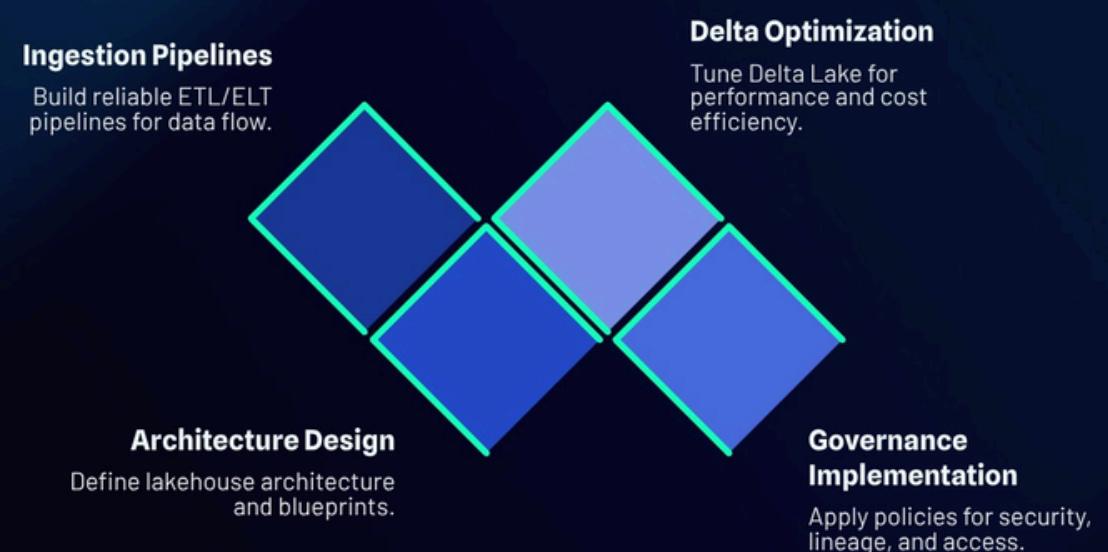
Delta Lake Foundation

ACID transactions, time travel, and schema enforcement enable reliable analytics and ML pipelines at petabyte scale.

Centralised Governance

Unity Catalogue provides fine-grained access control, lineage tracking, and policy enforcement across all data assets.

TGH Software Solutions: Databricks Partner



As a Databricks Partner, TGH delivers end-to-end Lakehouse implementations focused on architectural integrity and operational excellence.

Core Capabilities

- Lakehouse architecture design and blueprint development
- Multi-source ingestion pipeline engineering
- Delta Lake optimization and performance tuning
- Unity Catalogue governance framework deployment

Governance-First Approach

Security, compliance, and data quality built into every layer of the platform—not bolted on afterwards.

Operationalising Databricks at Scale



Platform Stability

Production-grade deployments with SLA monitoring, automated recovery, and capacity planning that scales with demand.



ML-Ready Data

Feature stores, data quality validation, and versioned datasets accelerate model development and deployment cycles.



Workload Coexistence

BI, data science, and real-time analytics run concurrently without resource contention or performance degradation.

Ready to Build Your Lakehouse?

TGH Software Solutions helps data leaders architect and deploy Databricks platforms that deliver measurable business outcomes.

Lakehouse Roadmap

Strategic assessment of your data architecture, migration planning, and phased implementation approach tailored to your technical landscape.

Schedule Architecture Consultation



Ready to Transform Your Enterprise Ecosystem?

Seamless Integration. Intelligent Automation. Scalable Architecture.

Talk to Our Integration Experts →

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