

Quality digital transformation

Nash
Tech.

Address complex integration, data assurance, security and platform-specific requirements supporting digital transformation

NashTech quality digital transformation services enable you to build, modernise and scale digital systems, with embedded quality at every stage. Our approach integrates testing across enterprise platforms, cloud migrations and data-driven applications to ensure resilience, performance and compliance.

We support the quality needs of large-scale transformation programmes by combining test automation, data integrity checks, platform specific validation and DevTestOps practices.

Whether you are modernising legacy systems or deploying new cloud-based platforms, our services put quality at the centre of delivery.

With experience across platforms such as Salesforce, SAP, big data ecosystems and hybrid cloud, our experts will work with you to meet your digital transformation goals with confidence, speed and precision.

Solve your quality challenges



Complex system interdependencies

Transformation projects involve multiple platforms, leading to integration risks and broken data flows.



Unstable environments and test coverage gaps

Lack of automated environment provisioning and test orchestration slows down delivery and reduces coverage.



Insufficient data quality checks

Poor data validation during migrations and extract, transform and load (ETL) processes can lead to reporting errors and loss of business trust.



Compliance and security risks

Without embedded security and compliance testing, transformation programmes face audit gaps and regulatory exposure.



Limited platform-specific testing expertise

Generalised testing often fails to uncover issues specific to platforms like Salesforce, SAP or big data systems.

Loblaw Digital

Case study:

Major retailer automates more than 1,500 test cases to improve system performance and accelerate release cycles

Industry: Retail

Loblaw Digital builds and operates the digital properties of Loblaw Companies Limited, a Canada-based retailer with 22 brands serving millions of customers. It partnered with NashTech to automate more than 1,500 test cases for web and mobile applications, significantly reducing production bugs and improving system performance, while reducing manual testing efforts and accelerating release cycles.

- 95% automation coverage increased testing efficiency
- 70% reduction in manual testing
- 25% increase in performance to support a 300% increase in user load

Drive digital transformation with a trusted quality partner



Cloud migration and modernisation testing

Activities include infrastructure validation, performance benchmarking, cloud configuration testing and business process continuity verification.



DevTestOps

We embed continuous testing within DevOps pipelines to accelerate feedback loops and ensure environment consistency.



Big data testing

Activities include data flow verification, transformation logic checks, schema conformity, and workload validation using tools like Spark, Hive and Kafka.



Data and database testing

Our testing includes data migration validation, ETL and transformation logic checks, schema verification, referential integrity analysis, data masking and reconciliation testing.



API first ecosystem testing

APIs are validated as core components in modern architectures, including schema validation, contract testing, mocking, API performance testing, security validation and documentation review.

See how our quality digital transformation services can help you

Our specialised quality digital transformation services are aligned with modern engineering and testing practices and each service is aligned with modern engineering and testing practices to address complex integration, data assurance, security and platform-specific requirements.

- **Data integrity and migration validation**
Structured testing for data movement, transformation logic and reconciliation ensures trusted business reporting.
- **Cloud validation packs**
Pre-built test packs for cloud migrations assess performance, reliability and security post-deployment.
- **Observability-driven test insights**
We use telemetry data, logs, metrics and traces to dynamically adjust test coverage, detect issues early and improve debugging efficiency.
- **Smart quality gates with pipeline-aware test architecture**
Our frameworks integrate seamlessly with CI/CD pipelines, enabling impact-based test selection, flakiness detection and real-time quality thresholds.
- **Test data provisioning and masking**
Secure and relevant test data through automated provisioning, synthetic data generation and masking to maintain privacy compliance and accelerate test cycles.

Your quality digital transformation partner

We provide strategic planning, robust test Partnering with NashTech means your organisation will benefit from a quality-first yet affordable service. Those who use our quality digital transformation services can expect:

- **Accelerated transformation timelines.**
Automation and pipeline integration reduce rework and enable faster rollouts.
- **Improved data confidence.** Robust validation ensures data quality, boosting trust in reporting and analytics.
- **Reduced platform migration risks.**
Cloud and ERP testing strategies reduce downtime, performance issues and business disruption.
- **Stronger compliance posture.** Built-in security and audit test coverage support regulatory adherence throughout the transformation journey.
- **Higher ROI.** Efficient, targeted testing reduces costs and increases the success rate of transformation programmes.
- **Smarter test decisions via observability.**
Observability signals inform test prioritisation, enabling faster detection of root causes and more resilient systems.

Contact us

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