

Quality assurance

Nash
Tech.

Prevent defect leakage and release software updates rapidly by introducing standardised quality assurance (QA) processes and automation frameworks.

A good quality assurance process ensures your software remains secure, reliable and performs how you and your customers expect it too. It can protect your business from the problems associated with poor quality software, including vulnerabilities, bugs and system failures that can disrupt operations and impact both your revenue and your reputation.

NashTech quality assurance services cover quality maturity assessments, tool strategy and enablement, independent

testing and governance advisory. Our QA experts work with you to either improve or build effective quality software practices and mitigate risk.

Use our global delivery model and domain-led frameworks to meet compliance standards and instil trust in your digital systems. Whatever the size of your project, we offer a cost-effective and scalable QA service to ensure success and continuous improvement.

Solve your quality assurance challenges



Lack of QA maturity

Your QA team may lack structured frameworks and benchmarks to measure software effectiveness and drive continuous improvements.



Governance

Traditional QA governance models are harder to measure because they typically lack real-time metrics, analytics and test coverage insights.



Inconsistent processes

Without clear QA processes, you risk non-compliance with internal or regulatory standards, as well as disconnected systems, which can lead to poor insights and traceability.



Slower manual testing

Without deploying automation, you may have slower release cycles, defect leakage risks and scaling becomes difficult in CI/CD pipelines.



Fragmented tools

If you have multiple testing tools or frameworks, it can cause confusion and uncertainty among your team. These tools may also not integrate with your systems.



Case study:

Global provider of payroll, HR and workforce management solutions automates testing to enhance its SDLC

Industry: HR

Ultimate Kronos Group (UKG) is a global provider of payroll, HR service delivery and workforce management solutions. It partnered with NashTech to improve efficiency by automating the testing of data pipelines, which has ensured broader test coverage and enabled the UKG IT team to identify issues earlier in the software development lifecycle (SDLC).

- **90%** increase in test coverage
- **70%** reduction in regression testing cycle
- **60%** decrease in feedback timeBody copy – circa 50 words

Address all aspects of quality assurance



Quality maturity assessment

Our experts use structured maturity models to identify gaps in people, process, tooling and metrics are identified to create a custom improvement roadmap.



Governance frameworks

Our team implements modern test governance frameworks with real-time dashboards, defect leakage metrics, pipeline pass and fail rates, and traceability across releases.



Training

Your QA teams can better understand – and carry out – automation, shift-left testing, performance analysis and quality ownership with our enablement programmes.



Tool selection

We evaluate and pilot-fit test your tools for functional, non-functional and security testing to ensure they are scalable and aligned with your delivery pipeline.



Test data management

Our experts design strategies to help you manage synthetic and production-like data across test environments. This ensures your data quality is good, and you remain compliant and ready to test.

Our quality philosophy ensures your software shines

We provide strategic planning, robust test automation and seamless CI/CD integration. Our technical expertise is anchored in C#, Java, Scala and Node.js, but we can learn and master additional technologies rapidly to best align with your specific project needs. .

- **Harness the power of AI and automation.**
We possess deep expertise in test automation and framework development.
- **Increase operational efficiency and ROI.**
Intelligent building blocks, test reuse and AI enable you to reduce maintenance costs and ensure a positive return on investment.
- **Balance innovation and risk mitigation.**
By following best practices, we lower the risk of introducing technical debt that needs to be addressed later.
- **Improve quality continuously.** We measure and continuously improve in terms of the overall quality accreditations we hold and the quality management system (QMS) we deploy to assure a flawless delivery.

Streamline your QA processes

QA does not have to be expensive and time consuming. We help you reduce costs with automated testing and solve problems before they become bigger issues.

- **Stay compliant**
Ensure compliance with regulatory standards including ISO, HIPAA and GDPR. We are also ISO27001 accredited.
- **Improve test efficiency**
Improve your QA team's productivity and test coverage without increasing costs by using suitable toolsets and reusable test assets.
- **Save costs**
Reduce defect leakage, implement test planning and shift-left automation to make cost savings.
- **Increased test coverage**
Achieve better test coverage across digital platforms and maintain delivery speed with dynamic QA processes.
- **Smarter decisions**
Use real-time quality dashboards and KPIs to make smarter decisions and help senior leaders take corrective actions earlier.

Contact us

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