

Accelerate your quality with A2A

Test Automation: Many perspectives, one solution

In today's market, change is constant – and at a fast pace. Projects often become a balancing act between speed and quality. The impact of necessary changes in today's software systems is usually so large that it is difficult to comprehensively pin down and test affected areas given the limited timeframe. Multiple releases require a complex and repetitive testing process. Automation speeds up this process, increases coverage and reduces business risk, while increasing the efficiency of testers in finding bugs and ensuring overall quality. Automation allows us to break free of the waterfall paradigm, making quality an essential part of a truly integrated development cycle.

A2A - Discover. Create. Benefit.

Using Nagarro's own A2A (the Advanced Automation Approach), we can support you in designing, building and securing your valuable automation investment to provide a substantial benefit; not only during the project, but along the whole lifecycle of your business processes. A2A is not only about tools & technology, it encompasses the entire life cycle of a test automation solution, its embedding in the organization and the events that can influence your software at any point in time – all in a flexible end-to-end solution, perfectly tailored to your needs.

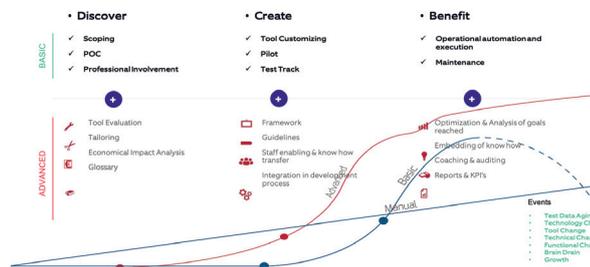
What makes A2A different

Approach

- Focused on valuable output for all stakeholders
- Test Automation as a highly sophisticated discipline
- Seamless integration in the development lifecycle
- Actionable reports

Technology

- Tool-independent
- Mix & match best-of-breed tools
- Business oriented tests
- Extremely low maintenance costs



A2A driven

To get test automation up and running as efficiently as possible, Nagarro has developed A2A.DRIVEN – a modular, flexible and easy-to-use solution for making sustainable and comprehensive test automation a quick, reliable and easy process. A2A.DRIVEN supports many state-of-the-art testing tools right out of the box, and can automate & integrate virtually any tool and technology stack.

A2A driven features

These are just some of our many supported technologies & features!

Multiple Test Design Patterns

- Page-Object Model
- Business Transaction Model

Multiple Technologies

- Web Applications
- Mobile Apps
- Web Services
- Desktop UI
- Database

Multiple Test Execution Technologies

- Unit Testing Frameworks
- BDD Tools
- CI Tools

Multiple Reporting Technologies

- HTML Reports
- Xray
- JIRA
- MicroFocus ALM

Our service offerings



Success Stories

ÖBB Ticket Shop

The large scope, complex mathematical systems, wide variety of products and channels made this project a significant challenge for the whole organization. One of the largest IT programs in recent Austrian history. We automated more than 5.000 test cases to ensure quality every step of the way. Thousands of automated test cases run each day to enable the manual testers to ensure the new features are delivered in the expected quality.

Vienna International Airport

A modernization of the legacy system had already failed twice before. High quality was therefore a must. Nagarro played a crucial role in the testing of the core systems. We reduced maintenance by 87% vs. traditional test automation. Years later the tests are still running stable. Our test automation solution has been rolled out as the standard automation framework for test automation ever since.

Performance testing at NetEnt

The client had built a very complex gaming platform. Testing involved multiple steps and consumed huge effort in manual testing. The gaming platform handled more than 27 billion transactions in 2015 which is 16 times the traffic of the NY stock exchange. 600+ test cases for the most critical module were automated which resulted in 80% decrease in execution effort & 75% test coverage through automation.

Numbers that matter

- 1500+ Successful quality projects
- 20+ years of experience
- 2000+ Quality Engineering experts
- 50+ Tool & technology integrations
- 50+ Talks at conferences

Testimonial

Thomas Dworschak

Head of IT-Development, Vienna Airport AG

“With the automation framework developed by Nagarro, our testers can focus on what’s really important: finding bugs.”

Our major clients



About Nagarro

In a changing and evolving world, challenges are ever more unique and complex. Nagarro helps to transform, adapt, and build new ways into the future through a forward thinking, agile and caring mindset. We excel at digital product engineering and deliver on our promise of thinking breakthroughs. Today, we are 17,000 experts across 32 countries, forming a Nation of Nagarrians, ready to help our customers succeed. www.nagarro.com (Status: 09/2022)