Testing Accelerator

Connect Everything. Securely.

Saviynt

glownexus

Problem Statement

Manual testing of identity governance platforms like **Saviynt** is often inefficient, prone to errors, and difficult to scale as systems become more complex and integrations expand. Organizations need consistent, reliable testing to ensure security workflows, access controls, and user provisioning operate correctly across multiple environments.

The **Glownexus Testing** Tool meets this need with an automated **Selenium-Cucumber** framework, purpose-built to handle the intricacies of Saviynt's identity governance processes — ensuring robust security and compliance validation.

Customer Value

The Testing Accelerator automates routine testing tasks, significantly reducing manual workload and the risk of human error. It improves test coverage, shortens development cycles, and accelerates product delivery without sacrificing quality

Powered by an open-source framework, the tool is both robust and user-friendly. Test scenarios are written in clear, natural language, making them understandable for both technical and non-technical team members. This supports alignment across development teams, QA, and business stakeholders.

Solution Flow

- **Pre-Conditions**
  - Business requirements and test scenarios are defined and ready.
  - The Saviynt environment is accessible from the QA machine.

- **Execution Steps**
  - QA defines test cases based on the prepared requirements.
  - The solution is installed on the QA machine, along with necessary reporting tools.
  - Test cases are executed.
  - Identified issues are logged in the customer's tracking system (e.g., Jira).
  - Detailed reports are generated, including direct issue links, screenshots, and logs for analysis.
  - Reports are distributed to developers and key stakeholders.
  - Tests are re-executed as needed to verify fixes.
  - Once validated, test cases are saved as a baseline for regression testing in future versions or releases.

Value Propositions

- **Efficient Upgrades and Releases:**
  The testing tool automates the entire testing process and generates a detailed report, making upgrades and releases less resource-intensive. These reports provide drill-down capabilities, highlighting issues with failure details and screenshots when tests do not pass.

- **Cost Efficiency Through Automation:**
  By automating and establishing baselines for common use cases within your environment, the Testing Accelerator helps significantly reduce resource-related costs.

- **Faster Deployment and Improved Service:**
  Accelerated time-to-production leads to quicker rollouts and enhances the overall service experience for your user base.

Solution Benefits

Automated Testing for Core IGA Functions

The solution is purpose-built to test critical modules within Identity Governance and Administration (IGA), such as user lifecycle management, access requests, role assignments, and certification campaigns. It ensures key processes like access approvals and compliance validations operate reliably and securely.

Simplified Test Execution

With an intuitive setup and execution process, the tool enables fast deployment of automated tests. It integrates smoothly with existing development environments, allowing teams to validate new features and detect issues with minimal manual effort.

Detailed and Actionable Reporting

The solution delivers comprehensive test reports that provide clear visibility into results. Whether through interactive HTML dashboards or real-time Allure reports, stakeholders can easily analyze outcomes, trace issues, and make informed decisions based on data.
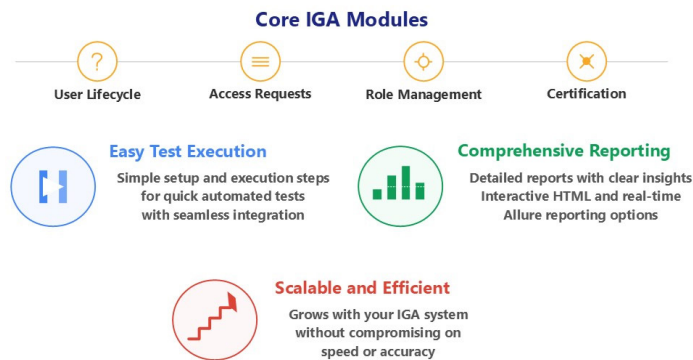
Scalable and High-Performance Testing

Built to evolve with your IGA landscape, the tool scales effortlessly as new features are introduced. It maintains high testing speed and accuracy, ensuring consistent performance across environments while reducing manual workload and minimizing error risk.

The Accelerator needs to be set up on the system where it will run by accessing the client Saviynt instances. It requires the relevant tools and packages to be set up to enable it to run locally.

In future, the roadmap includes enabling the solution to be run remotely using a SaaS instance.
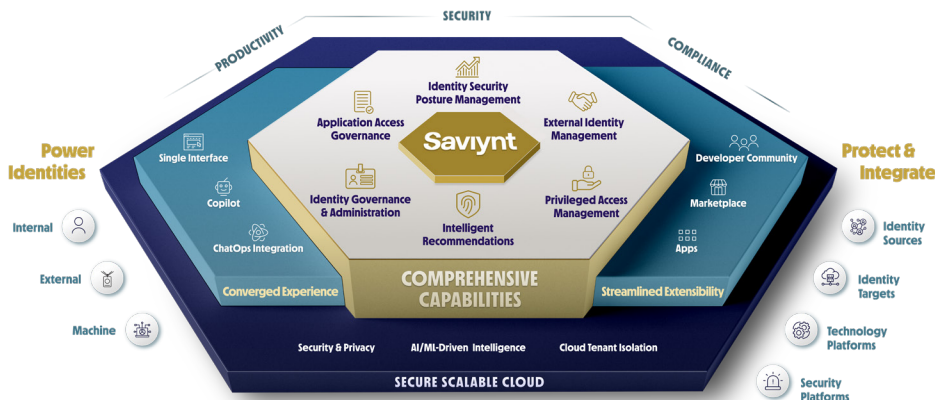
Automated Testing for Critical IGA Modules

Core IGA Modules

User Lifecycle	Access Requests	Role Management	Certification

Easy Test Execution
Simple setup and execution steps for quick automated tests with seamless integration

Comprehensive Reporting
Detailed reports with clear insights Interactive HTML and real-time Allure reporting options

Scalable and Efficient
Grows with your IGA system without compromising on speed or accuracy

Enhance Your IGA Testing Efficiency and Compliance

Test capabilities by IGA module

	Test Focus	Activities Covered
👤 **User Lifecycle**	• Provisioning & Updates • Employee Identity • Login Experience	• AD/Azure AD provisioning • JML automation • Employee type validation • Email ID format • User search
🔓 **Access Requests**	• Request Flows	• 2-level workflows • Dynamic requests
🗂 **Role Management**	• Role Setup • User Groups • Role & Entitlements • Bulk Actions	• Role catalogue • User group creation • Role search • Manager validation • Entitlement creation • Bulk uploads
✅ **Certification**	• Campaigns • Analytics	• Access review via Excel
🛠 **Application Configuration**	• Security System & Endpoint Setup • Job Execution • Rule Logic	• Create/search security systems • Org configuration • Endpoint provisioning • Complete/pending tasks • Job run & reporting • Technical/update rules

The Identity Cloud

ABOUT PARTNER

At Glownexus, we collaborate closely with our Partners in software solutions, service delivery, and advisory services. We are continually expanding our Partner ecosystem to ensure we deliver the best solutions and services to our customers. We focus on understanding our customers' needs and goals. Through open communication and teamwork, we customize our solutions to help them succeed. Our skilled team is dedicated to providing the support and resources customers need to reach their objectives and thrive. By embracing the latest globally recognized standards, we demonstrate our unwavering commitment to upholding the highest levels of Environmental, Social, Governance (ESG), and Information Security practices.

ABOUT SAVIYNT

Saviynt is the leading identity governance platform built for the cloud. It helps enterprise customers accelerate modern cloud initiatives and solve the toughest security and compliance challenges in record time. The Saviynt Enterprise Identity Cloud converges IGA, granular application access, cloud security, and privileged access into the industry's only enterprise-grade SaaS solution.

Saviynt

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