EVIDEN

QE Generative AI for Digital Assurance
Differentiating value proposition

Our game-changing solution harnesses Generative AI and Machine Learning capabilities.

Its powered by trained large language models (LLM) and assisted by QE bots enabled by predictive analysis.

QE GenAI platform empowers the QA teams with unmatched insights, revolutionizing testing into a seamless, efficient, and impactful experience.

Overall, it has 4 main features:

User Story Assessment and Scoring

- **Assessment** of user stories / requirement documents
- **Scoring and recommendations** of missing elements in user stories / requirements

Test Planning and Design

- **Prompting AI model** automates test strategy
- **Auto-generate** test cases as per the requirement.
- Test management tools (JIRA, qTest, ALM, ADO) integration

Test Data Mining

- **Controlled Open AI models** for mining test data using natural language for test execution
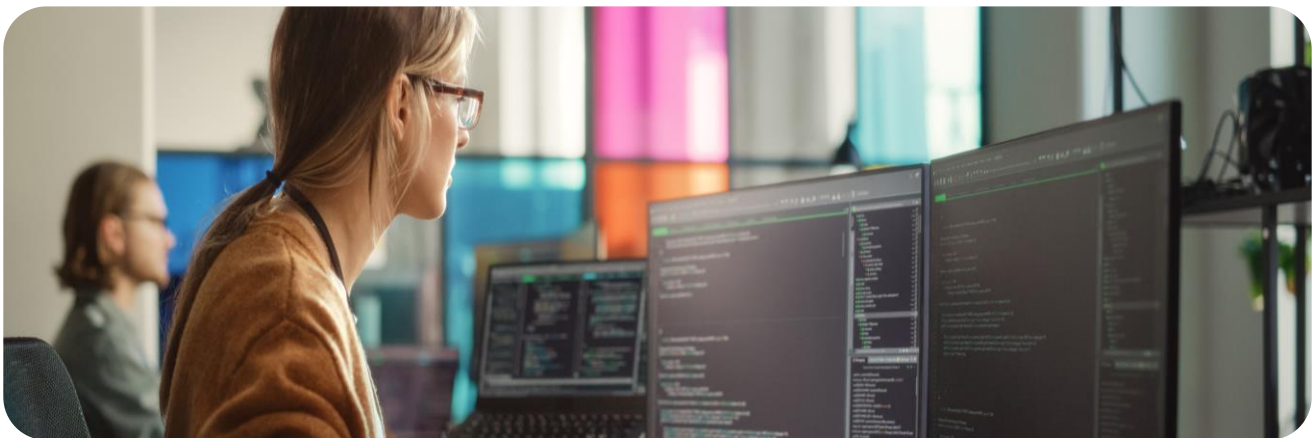
Test Execution

- **Generative AI Low-code** automation powered by open-source frameworks. Also supports SAP & Salesforce testing
- Create automation scripts for UI & APIs with open-source IDEs like Selenium, Python, Sikuli, JavaScript, and C#

Eviden solution
Gen AI Automation

- Provides ready to execute scripts with IDEs
- Supports easy integration with any open-source frameworks
- In-built auto-healing feature, AI based failure analysis and extent reports
- Easy integration with CI/CD pipelines

Automation Components

Mobile	Web UI	salesforce SAP PEGA SAAS / Enterprise

Business Benefits

2000+ Inbuilt repositories for SaaS applications with domain intelligence	Plug-in adaptors for **3rd party integration**
50% productivity improvement in automation scripting	**<10% effort** required for script maintenance
20% cost reduction in overall QA	

Client Story: European Truck Manufacturer

QE GenAI Platform - Automating Manual Test Cases

Eviden pioneered a connected vehicle platform, empowering dealers, fleet owners, and managers with tools for efficient fleet management. As the sole vendor, our digital assurance services were crucial to successful platform rollouts.

Challenges

Distributed domain and technical knowledge across teams	**23–25%** functional defect leakage to UAT	Minimal UI/API test automation **(up to 10%)**	Shortened testing window due to frequent deployments

Our Solution

Proposed QE GenAI platform for connected vehicle rollouts, featuring:

IoT domain and functional knowledge integration	GenAI-driven automation using the Selenium framework	Automated regression for SIT and UAT cycles

Business Benefits

20-25% early defect detection	**95%** regression automation (1700+ test cases)	**2x Time to Market** and product quality enhancement
50% productivity boost in scripting	**20%** QA cost reduction	**Improved handling** of frequent deployments

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About Eviden [1]

Eviden is a next-gen technology leader in data-driven, trusted and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud and digital platforms, it provides deep expertise for all industries in more than 53 countries. Bringing together 57,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

1   Eviden business is operated through the following brands: Alia Consulting, AppCentrica, ATHEA, Atos Syntel, Bull, Cloudamize, Cloudreach, Cryptovision, DataSentics, digital.security, Eagle Creek, EcoAct, Edifixio, Energy4U, Engage ESM, Forensik, IDEAL GRP, IDnomic, In Fidem, Ipsotek, Maven Wave, Miner & Kasch, Motiv, Nimbix, Processia, Profit4SF, science+computing, SEC Consult, Visual BI, Worldgrid, X-Perion, zData

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Atos is a global leader in digital transformation with 112,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.
The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.
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