

HEXWARE

Automated Testing Solution for a Global Fleet Card Company

Integrated design-to-execution automation framework reduces
overall testing effort by 30%.

Case study



Client

| Client

Challenge

Solution

Benefits

Summary

The client is a global provider of fleet cards and specialty payments to businesses. They serve over 500,000 commercial accounts with millions of cardholders across the world.

To maintain service excellence, they needed a robust automated testing solution that could streamline quality assurance, enhance test coverage, and reduce operational complexities.



Challenge

Client

Challenge

Solution

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Summary

The client's testing operations faced several roadblocks that hindered efficiency and accuracy, including:

- Poor test coverage
- Limited number of negative test cases
- High complexity in maintaining test suites
- Lack of a structured automation testing solution
- Absence of a traceability matrix to map requirements
- Inefficient test case templates leading to inconsistencies

These challenges resulted in increased manual effort, higher defect leakage, and extended testing cycles.



Solution

- Client
- Challenge
- | Solution**
- Benefits
- Summary

Hexaware implemented an automated testing life cycle through an integrated design to execution automation framework, covering test design, execution, and reporting. This helped achieve end-to-end QA lifecycle automation from test design, generating automated test scripts to connectors for Selenium Test Manager (STM).

To ensure seamless implementation, Hexaware collaborated with the client to identify critical automation scenarios, generate system models, and create STM scripts for business-as-usual (BAU) operations. The client's QA team was equipped with the tools and training necessary to sustain ongoing automation efforts.

Scope of work

Hexaware executed test automation across the client's entire application ecosystem, covering core functionalities such as customer management, card transactions, pricing, billing, invoicing, and settlements. The final framework was handed over with comprehensive training, enabling the client's QA teams to achieve sustained automation success.



Benefits

Client

Challenge

Solution

Benefits

Summary

Hexaware's implementation of the automation testing solution delivered measurable improvements in efficiency, accuracy, and cost savings for the client. Key benefits included:

- **Enhanced reusability:** The system model was leveraged across the global fleet network (GFN) product platform, streamlining automation efforts.
- **Improved test coverage:** Advanced inbuilt algorithms, condition coverage techniques, and diverse data combination logic significantly expanded testing scope and accuracy.
- **30% reduction in testing effort:** End-to-end automation optimized execution time and reduced manual intervention.
- **Automated requirement traceability:** A structured traceability matrix ensured seamless mapping of test cases to business requirements.
- **\$100K cost savings in year 1:** Immediate ROI was achieved through reduced testing efforts and improved operational efficiency.



Summary

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| Summary

Hexaware implemented its automated testing solution to help a leading global fleet card company streamline QA processes. The solution improved test coverage, reduced testing effort by 30%, and enhanced traceability.

With increased reusability and \$100K in first-year savings, the client achieved greater efficiency and long-term automation success.



Drive Efficiency and Cost Savings in Testing.

Contact Hexaware’s experts at marketing@hexaware.com to learn how our automation framework can streamline your quality assurance and reduce testing effort.

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at <https://www.hexaware.com>.

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