

HEXAWARE

Leading Finance Company Accelerates Oracle Cloud ERP Testing with Hexaware's Tensai® Platform

Case study



Client

| Client

Challenge

Solution

Benefits

Summary

Leading American Finance Organization

Our client is a leading American online personal finance company providing consumer debt solutions. As an early adopter of Oracle ERP Cloud, the client sought to streamline and unify its core business functions, including finance, procurement, and HCM, on a robust, scalable cloud platform.



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Oracle Cloud Operations Complexity and Testing Bottleneck

As the organization transitioned from JD Edwards to Oracle Cloud ERP and HCM, managing frequent updates, customizations, and integrations became increasingly complex.

- Each quarterly update and workflow change required manual execution of around 200 test cases.
- Integrating multiple third-party applications on the HCM landscape with Oracle HCM Cloud was complex.
- Major bottlenecks in multi-period accounting.
- Testing cycles took nearly two weeks, creating deployment delays and consuming valuable resources.
- The manual process was not scalable, consuming valuable time and limiting the team's ability to focus on strategic projects.
- Human errors in manual testing increased the risk of undetected issues, potentially impacting business continuity and user satisfaction.



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Implementing Tensai® for Autonomous Testing

Client's Oracle landscape:

- **Oracle ERP Cloud:** General Ledger, Fixed Assets, Accounts Receivable, Accounts Payable, Cash Management, Procurement, Purchasing, and FCCS (EPM Cloud).
- **Oracle HCM Cloud:** Core HR, Compensation, Profile Management, Goals, and Performance Management.

Hexaware delivered end-to-end application managed support using a flexible hub-and-spoke model and our proprietary automation platform, Tensai® for Autonomous Testing, to optimize and future-proof the client's Oracle Cloud environment.

Key initiatives included:

- Restructuring workflows to streamline organizational setup and accelerate processes.
- Implementing Oracle BPM to manage and transition Finance, Procurement, and related workflows.
- Automating mid-term appraisals and promotions via VBCs embedded in Oracle Cloud.

- Resolving benefits enrolment issues by mapping eligible employee profiles and integrating Jobvite with Oracle HCM Cloud for improved hiring.
- Addressing multi-period accounting issues and developing automations to generate reports, reducing manual effort.

Hexaware's intelligent, Oracle-optimized test automation platform accelerated quality assurance with speed, flexibility, and enterprise-grade scalability.

Implementation framework:

Tensai® for Autonomous Testing for Oracle Cloud ERP Automation

To tackle the complexities of Oracle Cloud ERP testing, the client partnered with Hexaware to launch a comprehensive ERP cloud automation testing initiative. At the heart of this initiative was Tensai® for Autonomous Testing, an advanced automation platform purpose-built for Oracle ERP Cloud environments. Hexaware's intelligent, Oracle-optimized test automation solution accelerates quality assurance with unmatched speed,

flexibility, and enterprise-grade scalability. Tensai® for Autonomous Testing was chosen for its powerful blend of features and Oracle-specific customization, including:

- **Selenium-Based Framework:** Leveraging the reliability and extensibility of Selenium, Tensai® delivers robust, maintainable test solutions that stand up to the demands of enterprise environments.
- **Low-Code, Customizable Test Scripts:** The platform empowers teams to rapidly create and reuse test components with minimal coding, streamlining both test development and ongoing maintenance.
- **Comprehensive Cross-Platform Support:** Tensai® covers web, mobile (iOS/Android), API, RPA, and desktop applications, ensuring end-to-end automation across the client's technology landscape.
- **Multi-Language Compatibility:** Supporting Java, Python, JavaScript, and C#, Tensai® integrates seamlessly into diverse development ecosystems.

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- **Parallel Execution:** The ability to run tests in parallel dramatically reduces execution times, enabling faster, more efficient release cycles.
- **Effortless CI/CD Integration:** Tensai® integrates smoothly with leading CI/CD tools such as Jenkins, Azure DevOps, GitHub, and GitLab CI, supporting continuous testing and rapid feedback loops.
- **Advanced Test Data Management:** Built-in support for data-driven testing, with integration to databases, Excel, and APIs, enables dynamic and realistic test scenarios.
- **Real-Time Reporting and Analytics:** Detailed, actionable insights empower teams to make informed decisions and drive continuous improvement throughout the testing lifecycle.

By implementing Tensai® for Autonomous Testing, the client achieved a scalable, future-ready automation framework tailored for Oracle Cloud ERP, delivering faster releases, higher quality, and measurable business value.



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Growth, Value, Efficiency, Clarity

The implementation of Tensai® for Autonomous Testing delivered transformative results for the client:

- Testing time for 200 cases was reduced from two weeks to just 3–4 days with a single resource.
- Productivity increased by 25% through automation, allowing the testing team to focus on strategic tasks.
- Accuracy improved by 30%, eliminating human error and ensuring more reliable test results.
- A regression test pack was built to efficiently test Oracle Cloud applications during quarterly patch updates.
- Manual effort and faster cycles led to 40% cost savings, enabling reinvestment in innovation.
- Scalability was achieved, supporting the growing complexity of the ERP system.
- Continuous testing was enabled through seamless CI/CD integration, validating every update in real time and supporting continuous delivery.



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Hexaware Enables Seamless Oracle ERP Testing

This ERP cloud automation testing project, powered by Tensai® for Autonomous Testing and Hexaware's action-oriented approach, has set a new standard for Oracle ERP Cloud testing. By embracing automation, the client accelerated testing cycles, improved accuracy, and unlocked new opportunities for innovation and growth.

In today's fast-paced business world, automation is essential, not optional. Tensai® for Autonomous Testing empowers organizations to overcome the limitations of manual testing and achieve strategic goals with confidence.



Have questions or want to learn more?

Write to us at marketing@hexaware.com

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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