



CASE STUDY

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Standard Solar Automates Oracle Cloud Quarterly Update Testing with Opkey

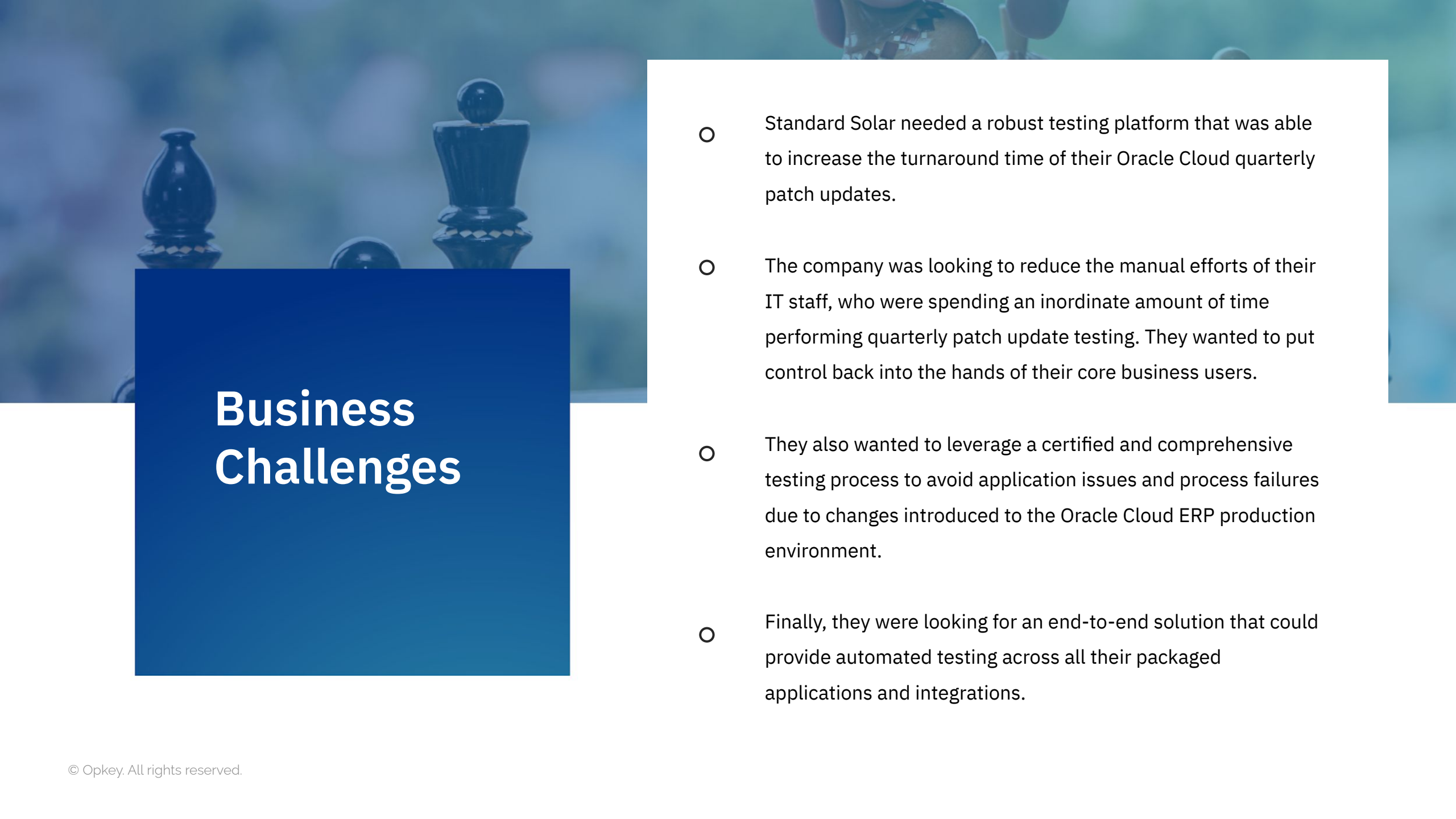
Reduces Update Cycles from 14 Days to Four Days,
and Cuts Test Maintenance Effort in Half

A hand is shown moving a small wooden block with a smiley face towards two other similar blocks. The first block has a neutral expression, and the second has a sad expression. This visual metaphor likely represents a transition from a positive state to a negative one, possibly illustrating a customer journey or a business challenge.

Customer Overview & Need

Standard Solar has been one of the most trusted names in solar energy since 2004. They are a national commercial and community solar company offering development, technical expertise, funding, and long-term asset ownership. Standard Solar has developed, delivered, funded, acquired, and currently operates more than 200 commercial and community solar storage projects.

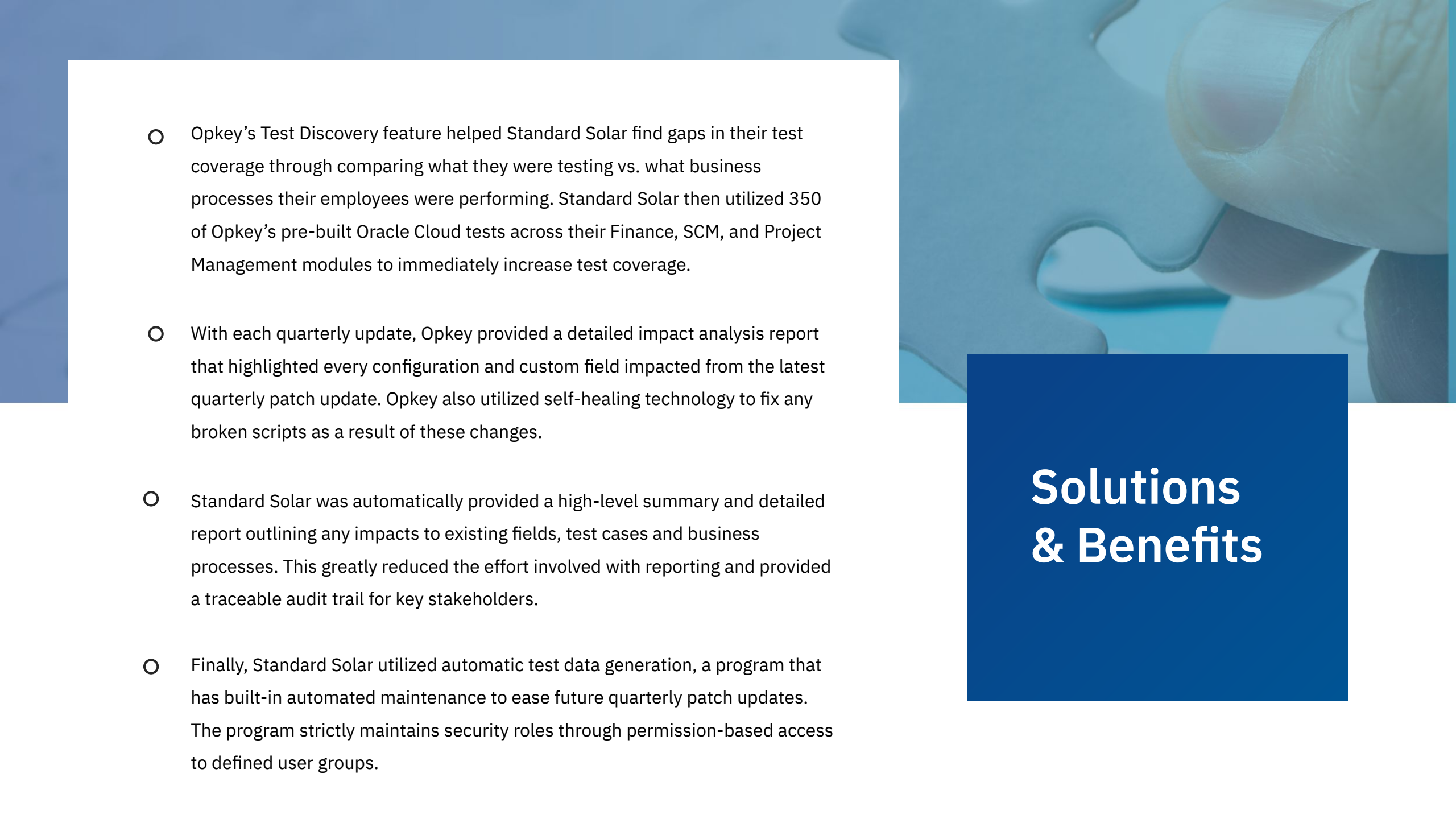
Standard Solar selected Opkey to test their Oracle Cloud updates, along with additional end-to-end processes across various platforms such as Salesforce and Workday.



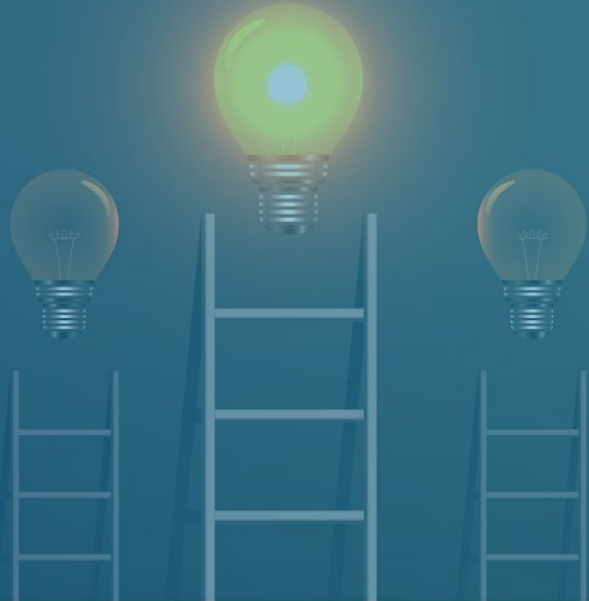
Business Challenges

- Standard Solar needed a robust testing platform that was able to increase the turnaround time of their Oracle Cloud quarterly patch updates.
- The company was looking to reduce the manual efforts of their IT staff, who were spending an inordinate amount of time performing quarterly patch update testing. They wanted to put control back into the hands of their core business users.
- They also wanted to leverage a certified and comprehensive testing process to avoid application issues and process failures due to changes introduced to the Oracle Cloud ERP production environment.
- Finally, they were looking for an end-to-end solution that could provide automated testing across all their packaged applications and integrations.

- Opkey's Test Discovery feature helped Standard Solar find gaps in their test coverage through comparing what they were testing vs. what business processes their employees were performing. Standard Solar then utilized 350 of Opkey's pre-built Oracle Cloud tests across their Finance, SCM, and Project Management modules to immediately increase test coverage.
- With each quarterly update, Opkey provided a detailed impact analysis report that highlighted every configuration and custom field impacted from the latest quarterly patch update. Opkey also utilized self-healing technology to fix any broken scripts as a result of these changes.
- Standard Solar was automatically provided a high-level summary and detailed report outlining any impacts to existing fields, test cases and business processes. This greatly reduced the effort involved with reporting and provided a traceable audit trail for key stakeholders.
- Finally, Standard Solar utilized automatic test data generation, a program that has built-in automated maintenance to ease future quarterly patch updates. The program strictly maintains security roles through permission-based access to defined user groups.



Solutions & Benefits



Results

Standard Solar was able to reduce their testing cycle time from 14 days to 4 days, while optimizing their test coverage. Business employees were made key stakeholders in the testing process.

Additionally, Standard Solar was able to reduce the time spent on test maintenance by 54%.



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