



2016 HPE Software Innovator Awards

Troy Philbert, ON Semiconductor

Honorable Mention

Enable Workplace Productivity

Software

- HPE Application Lifecycle Management
- HPE Unified Functional Testing
- HPE LoadRunner

Services

- HPE Education Services
- HPE Software Enterprise Basic Support



ON Semiconductor improves its application testing discipline and modernizes financial application services with HPE testing and operations management products

High-level overview

Using HPE load and performance testing software with the HPE Application Lifecycle Management suite, ON Semiconductor achieved the following benefits:

- Reduce mainframe spend by around 10%, due to lower MIPS processing needs from migrating accounts receivable to Oracle ERP
- Automate bank payments (MT940), which eliminates 30% to 35% previous manual payments, requires a smaller EDI support team and repurposes supplementary staff to other business objectives, including technology risk mitigation and revenue loss prevention
- Standardize business process in Accounts Receivable including global returns, debit and credit processing
- Ease financial reporting to produce a single source of truth versus varied results across company regions
- Identify and address stability and performance issues during testing to right-size the hosting environment for financials, enabling employees in 17 departments globally to reconcile financials in a timely manner without work interruptions and system degradation

- Centralize testing and regional processes into one standardized, global Center of Excellence, which provides financial shared services with increased efficiency to support all business functions and company locations
- Test applications for performance, stress and peak usage, enabling the company to satisfy in Europe, Asia Pacific and North America financial regulations. Automate testing processes and lifecycle management requirements to omit repetitive, time-consuming manual effort, enabling fast application delivery into production
- Enhance future applications with automated test cases developed during the accounts receivable project phase, which will reduce staff effort and time

Company

In 1999, ON Semiconductor Corporation spun off from Motorola. Today the company propels energy efficiency as a leading supplier of semiconductor-based solutions. The company's products help solve design challenges regarding automotive, communications, computing, consumer, industrial, medical and military/aerospace applications. Operating throughout North America, Europe and the Asia Pacific regions, ON Semiconductor ships roughly one billion parts a week.

Contact

Troy Philbert, Director-Enterprise Applications and Shared Services.

Business goals

In addition to managing a world-class supply chain and quality program, ON Semiconductor maintains manufacturing facilities, sales offices and design centers in key markets. This network of programs and facilities dictates high-quality, service-driven financial applications. Consequently, the company wanted to modernize the accounts receivable portion of its financials by moving from a mainframe to an Oracle enterprise resource planning system. To do so, the Enterprise Applications and Shared Services group needed to improve its testing discipline, find software defects early, size the production environment appropriately when performance testing and conduct end-to-end software lifecycle management. The group needed an application suite to help them deliver a reliable, repeatable and consistent way of deploying quality solutions into production.

HPE Software products implemented

- HPE Application Lifecycle Management
- HPE Unified Functional Testing
- HPE LoadRunner

HPE Software Services

ON Semiconductor relied on HPE Education Services by purchasing HPE Education Training Credits to prepare for the company's technology transformation and manage its training budget and requirements. HPE also provided a flexible option of virtual instructor-led training.

The company engages HPE Software Enterprise Basic Support services for the HPE Application Lifecycle Management and HPE Unified Functional Testing solutions. Additionally, ON Semiconductor is currently working strategically with HPE to improve its adoption of HPE products.

Additional benefits

Identify defective coding prior to launching systems into production to prevent application issues and end-user frustration; simulate and load the environment to derive real-world indicators of end-to-end system performance and other quality factors prior to going live; enable a future Oracle auto management implementation by establishing testing protocols and process automation; replace four legacy regional financial systems with one and three archive systems with one.



Sign up for updates

★ Rate this document