

2016 HPE Software Innovator Awards

Ardy Signey, ALLDATA, LLC
an AutoZone company

Automotive parts, information leader transforms test
environment using HPE Mobile Center in CoE

Winner

Enable Workplace Productivity

Software

- HPE Mobile Center
- HPE Application Lifecycle Management (ALM)
- HPE Unified Functional Testing
- HPE LeanFT
- HPE Sprinter
- HPE Performance Center

Services

- HPE Software Services

High-level overview

Using HPE Software and HPE Software Services, AutoZone and its subsidiary ALLDATA realized the following benefits:

- Embark on building a testing Center of Excellence (CoE) providing a centralized, supported, upgradeable platform bringing strategic flexibility, optimized test environments to multiple subsidiaries
- Deploy HPE Mobile Center to further leverage the emerging CoE environment and apply the same test best practices against mobile platforms
- Begin implementing a continuous integration model for software development; created a foundation for integration from development through production, with end-to-end traceability
- Enable AutoZone to:
 - Cut data-plan costs 100% by using virtual network settings to emulate typical data plans from any location or provider (saves \$12,000 a year)
 - Accelerate testing by 194% through automated testing 24x7 directly on mobile devices, with different data plans
- Enable ALLDATA to leverage mobile applications to expand to consumer markets and to modernize how mechanics work on cars

- Reduce defect leakage into production from approximately 15% to near 0%
- Accelerate release cycles (from 10 stories per sprint to 17)
- Accelerate testing by 12x (by running test scenarios across 12 devices simultaneously)

Company

AutoZone is a leading retailer and distributor of automotive replacement parts and accessories in the United States. In addition to a chain of brick-and-mortar stores, AutoZone runs several subsidiary companies including ALLDATA, which provides original equipment manufacturer (OEM) auto repair information to the professional automotive service industry.

Contact

Ardy Signey is QA manager of ALLDATA.

Business goals

AutoZone has been using Hewlett Packard Enterprise (HPE) software to create an application testing Center of Excellence (CoE) that transforms the company from homegrown tools that did not provide traceability to a centralized platform optimizing flexibility and

performance for multiple distributed QA teams. The way AutoZone tested mobile applications in the past was to have groups of individuals hand-test different devices. To streamline and automate this process, company QA managers sought a reliable, easily maintained and cost-effective mobile testing solution that could be retrofitted into their current architecture; aid in every facet of testing; and deliver real-time monitoring of both testing and production.

HPE Software products implemented

- HPE Mobile Center
- HPE Application Lifecycle Management (ALM)
- HPE Unified Functional Testing
- HPE LeanFT
- HPE Sprinter
- HPE Performance Center

HPE Software Services

An early adopter of HPE MC, AutoZone engaged HPE Software Services to maximize its understanding of all the performance-enhancing integrations and tools available within the mobile-center solution. HPE Software Services brought in HPE R&D to work with AutoZone on software enhancements.

HPE Partner

Orasi Software, Inc., performed the implementation and configuration of HPE ALM.

Additional benefits

Accelerate time to market, ensure application quality and reduce costs. Accelerate test planning and execution with greater accuracy and traceability.



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