Brief

2015 Awards for Customer Excellence Honorable Mention

Andrei Semenov: Coke One North America
Transforming SDLC management and testing with HP ALM

Lifecycle Management

High-level overview: Using HP ALM, CONA realized the following benefits:

- Establish common processes and Software Development Life Cycle (SDLC) standards for the roll out of an end-to-end IT solution to North American bottlers

- Establish common platform (HP ALM) for SDLC management and testing (one software solution vs. separate tools for managing requirements, documenting build status and testing)

- Achieve requirements traceability from initiating to testing

- Reduce cost of supporting multiple SDLC tools

- Centralize reporting; increased project-audit efficiency

- Ease-of-use enables non-technical employees to use system, raising users from 150 to 1,000

- Achieve high user satisfaction (93% of users surveyed)

Company: Coca-Cola Refreshments USA, Inc.—Coke One North America (CONA).

Contact: Andrei Semenov is assigned as a Project Manager at CONA.

Business goals: CONA (IT centralized solution provider) is responsible for developing and rolling out an end-to-end solution to CONA North American bottlers. The SDLC & Testing CONA management team discovered an opportunity to streamline testing processes by replacing several legacy tools with HP ALM to meet new internal business, security and audit requirements. The project environment grows rapidly and CONA was looking for a single, flexible, user-friendly solution for all its SDLC and testing processes. For CONA, it was essential to enable the transition, with minimal impact on daily operations for CONA bottlers, while maintaining an aggressive three-month timeline for implementation and training for all CONA users.

HP Software implemented: HP Application Lifecycle Management (ALM). To meet project timelines, HP ALM functionality was implemented in phases with a migration priority for CONA bottlers using legacy solutions to the new SDLC tool to achieve streamlined, integrated processes. Phase 1 addressed testing, defects management and dashboards/live reporting. Phase 2 covered demand planning, budgeting, business process integration with a business process modelling tool; requirements, solution build, release cutover management; and code version control interfaces. In future phases, documentation management, test automation and performance testing will be added.

Benefits: CONA has been able to share these assets, securely separated, throughout the group's organization and with CONA bottlers enabled to do their own testing. The Main Repository became a "source of truth" for all HP ALM assets including releases, requirements and test cases; and satellite projects containing test execution data (actual testing results and defects). The results were efficient and streamlined governance of global testing assets; improved user access management; achieved compliance with security requirements; advanced reporting and controlled strategic project scalability.

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