

## Product Brief

# ESP dSeries Workload Automation

## Key Benefits

- Reduces the cost and complexity of defining and managing mission critical business application workloads across platforms.
- Provides increased IT efficiency and rapid return on investment.
- Ensures consistent and reliable service delivery.
- Enhances business responsiveness through real-time automation and dynamic workload placement.

## Key Features

- **Dynamic critical path, automatic alerting and notification:** Enable management by exception.
- **Internationalization support:** Allow users to enter job definitions in their preferred languages.
- **Integrate Hadoop and cloud-based jobs with traditional jobs:** Monitor end-to-end workflows from a single console, without having to go through multiple schedulers.
- **Advanced analysis, simulation, and visualization:** Easily understand the business impact of critical errors, and facilitate communication and coordination to prioritize and respond to potential problems.
- **Seamless application integration:** Manage major business applications with reliability and flexibility. Execute applications in sync with workflows running in the rest of the enterprise.
- **Simplified in-place upgrades across major releases:** Shorten maintenance upgrade time to less than one hour.

## At a Glance

ESP dSeries Workload Automation simplifies cross-enterprise workload automation through a self-service dashboard and rich user experience. You can schedule, manage, and monitor cross-enterprise workloads that are focused on your role and available in your local language.

## Business Challenges

### Improve Availability of Critical Business Services

Organizations must effectively manage large volumes of complex business-critical workloads. These workloads exist across multiple applications and platforms, and are hosted on-premises and across multiple clouds. In such complex environments, a single failure can have a significant impact on the capability of an organization to deliver goods and services.

### Respond to Real-Time Business Events

The on-demand business world requires real-time information processing. IT must rethink how it manages processes and jobs, and move towards real-time automation of workloads to compete and efficiently respond to business events.

### Increase Visibility and Control

Without a central point of visibility and control, it is difficult to manage multi-platform and application dependencies. You cannot see potential failure points, and you are unable to document regulatory compliance—all of which compromise your ability to deliver quality services.

### Improve IT Efficiency

Reducing IT costs remains a key requirement for organizations. At the same time, IT is expected to improve service delivery. To be more efficient IT needs to automate routine administrative tasks and processes, and also optimize infrastructure utilization.

## Solution Overview

ESP dSeries Workload Automation provides anyone within the application development, line of business, or IT organizations with a self-service, role-based user experience. You can define, manage, and monitor cross-enterprise workloads from a Web browser, tablet, or desktop client—all while eliminating the need for scripts, disparate tools, and manual processes. The solution provides ease of deployment, management, and local language support to help accelerate ROI and reduce operational costs.

## Critical Differentiators

- Modernized, next-generation Web user experience:** Provides customizable views based on job role, and allows users to enter job definitions in their preferred languages.
- Unique event driven architecture:** The architecture does not rely on a schedule load, which means it is not bound by any prediction of event occurrence. Other products require users to submit jobs to look for events—such as an adjustment to a text file. Our solution immediately reacts to adjustments.
- Simple scheduling definitions object-oriented architecture:** Scheduling definitions are reduced and simplified so managers can define schedules and calendars once, and then reuse them many times.
- Extensive application support:** IT can extend capabilities for automated management of business application workloads; such as SAP, PeopleSoft, Oracle, and other business applications. The result is lower operating costs and increased cross-enterprise visibility.
- Built-in forecasting and simulation capabilities:** Stop problems before they can occur; minimize the potential for human error, ensure that what is scheduled is possible, and satisfy the need to complete jobs on time.
- Small footprint:** Fewer moving parts and less complexity reduces the footprint of the product while maximizing throughput.
- Multi-event processing in parallel:** Increase application scalability and performance instead of waiting for an event to complete before triggering the next one.

Figure 1: Intuitive Unified Infrastructure Simplifies Workload Management

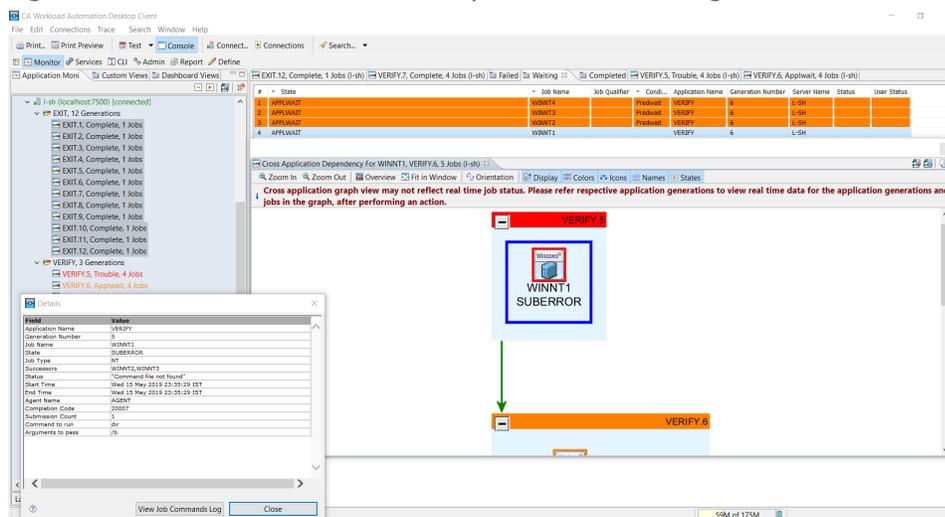
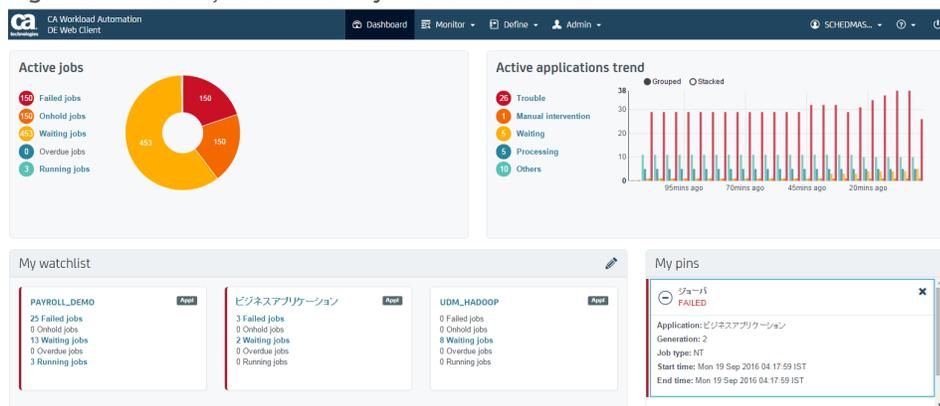


Figure 2: A Modern, Touch-Friendly Web User Interface



## Related Products and Solutions

- CA Workload Automation ESP Edition** – Use mainframe power to manage a dynamic, business event-driven workload automation.
- Workload Automation Agents** – Extend the automation capabilities of CA Workload Automation solutions to a wide variety of processing platforms to integrate business processing with workload management.
- Workload Automation Advanced Integration for Hadoop** – Provides native integration for Hadoop and enterprise applications; enabling an easy way to create, schedule, and manage big data business services from a centralized location.

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