

# CA Workload Automation for SAP<sup>®</sup> Software



**ca**<sup>®</sup>  
technologies

# The Application Economy Spurs New SAP System Workload Challenges

Business is being shaped more and more by what has become an application-based world. In this new application economy, organizations are dependent on an integrated platform to automate enterprise-wide business processes across a vast array of applications. In order to automate these business processes, companies need a scheduling system that can trigger applications and business processes when a business event occurs.

Meanwhile, companies are working to improve what their staff and partners experience in monitoring their SAP landscape with regards to change requests, implementations and upgrades, service levels and application performance metrics.

As your organization extends its existing SAP applications into multi-platform environments, or creates new cloud-based applications and business services, you add to an already steady stream of growing workloads from data analytics and other initiatives. And your workload-related management challenges increase in tandem.



Half of all companies say their industry is being very or highly disrupted by the application economy. But those that understand how to manage the impact and exploit new opportunities reap the benefits:<sup>1</sup>

**200%+** Revenue growth

**68%** Higher profit growth

**50%** More business from new products and services

<sup>1</sup> VANSON BOURNE GLOBAL SURVEY, SEPTEMBER 2014  
(CA TECHNOLOGIES SPONSORED RESEARCH)

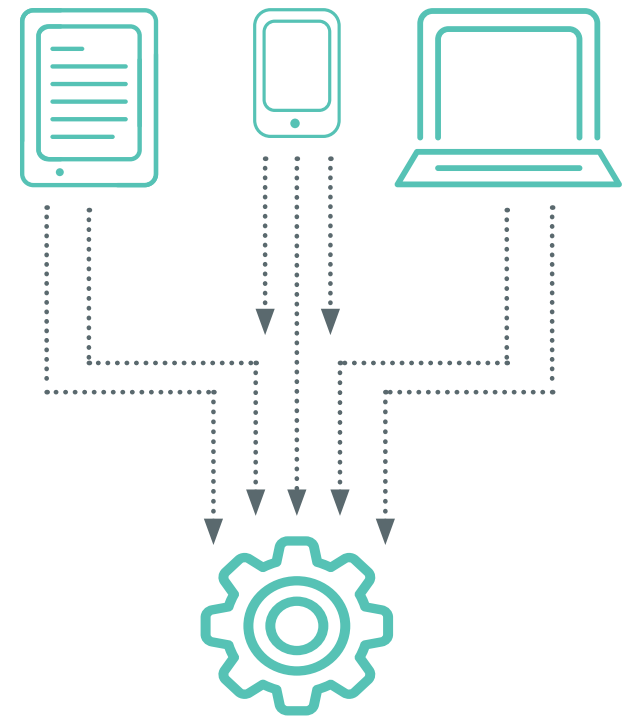
# SAP System Workload Challenges

Your organization is under increasing pressure to support a growing number of applications and services. You need to know that you can schedule workload processing so that it runs in an optimal way – regardless of workload size, business application type (SAP and non-SAP) or processing chain involved.

The trouble is, existing conditions in your SAP Solution Manager and SAP Business Warehouse software environments impede your progress. For starters, you're unable to extend the scheduling capabilities of these products to both SAP and non-SAP systems jobs. At the same time, you can't monitor the statuses of submitted workloads and visualize end-to-end business processes from one central location. This is hard to do without the right level of integration between these SAP software products and an enterprise-grade scheduling engine.

These limitations create complexities that increase costs and decrease productivity. Worse yet, they can lead to processing delays or downtime and even stall the launch of important new applications. In short, you simply can't scale your resources fast enough, or effectively enough, to keep up.

Let's look more closely at the specific challenges in each of these environments and what you can do to overcome them.



Your current approach and resources make it difficult to keep up with growing application workloads and related processing demands.

# Considerations for SAP Solution Manager

An application management solution such as SAP Solution Manager provides a centralized environment for IT groups to control changes to their IT environment through approval processes, enables improvement of testing processes and helps IT staff manage incidents and lower support costs. It also supplies diagnostics that allow users to identify and resolve problems, such as performance bottlenecks.

**But you may need to monitor your system environment and gather operational data from your application environment—at the same time.**

For example, your staff is currently unable to efficiently submit and monitor both SAP and non-SAP system jobs through a single interface – so they must switch between SAP Solution Manager and

CA Workload Automation depending on the specific type of job. Further, they must manually monitor job scheduling since SAP Solution Manager capabilities cannot be integrated for this purpose.

This manual approach consumes significant time and staff resources as the variety and volume of non-SAP system jobs increases. And it creates compliance risks, as well, since there's no central location to document all jobs.

What if you had a unified and automated way to schedule real-time, event-driven background tasks across your enterprise in response to critical business events – all from a centralized location?

# CA Workload Automation AE Advanced Integration for SAP Solution Manager

CA Workload Automation AE enables users to manage and monitor jobs from within the job scheduling management function in SAP Solution Manager. By centralizing and automating both SAP and non-SAP system workloads, you'll be positioned to:

- Increase staff efficiency in response to business processes by providing a centralized way to manage and monitor both SAP and non-SAP system workloads, resulting in decreased costs
- Enhance insight into all business process steps from one central location within SAP Solution Manager, removing the need to toggle between different products to gain the same insight
- Improve the ability to leverage SAP Solution Manager monitoring capabilities across the board
- Provide for optimum end-to-end execution of critical business processes
- Support governance, mitigate risk and help meet compliance through documentation and reporting of business IT processes

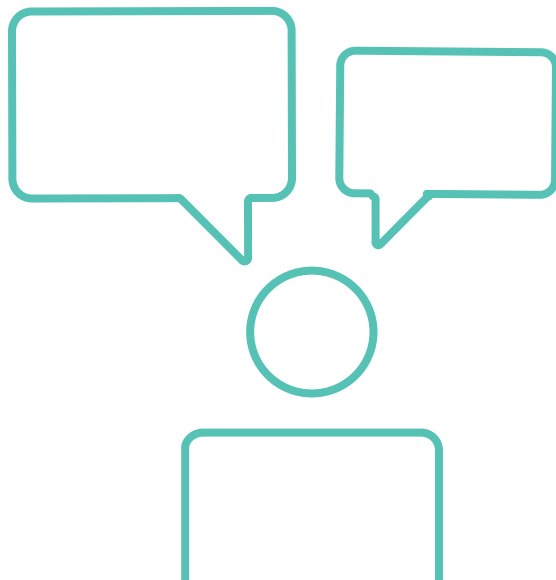
The screenshot displays the 'Scheduling' configuration window in SAP Solution Manager. The interface is organized into several sections:

- Log, Comp. System Client Job Name:** prod-server-1, SMW, Solution Scenario Process Job Number, Step System Role, System Time Zone: EST, User Time Zone: CST.
- Buttons:** Copy Job, Schedule/Change Externally, Release, Reschedule, Cancel Job, External Notes, External Log, Scheduler Management, Job Selection.
- Schedule Section:**
  - RFC Connection: OGA\_LODLC1008
  - Separation Group: GLOBAL
  - Queue: GLOBAL.localhost
  - Priority: 050
  - Buttons: Schedule Stopped (checkbox), Status message (checkbox)
- Status Section:**
  - External Job ID: [Field] [Delete] [Set New Root]
  - External Job Status: New [Refresh]
- Start Conditions Section:**
  - Radio buttons: Immediately (selected), Once, Daily, Weekly, Monthly, Annually, Date, Extended.
- Definition Section:**
  - Job Definition: SCP [Job Definition]
  - Tabs: 1. Primary, 2. SCP (selected), 3. Termination, 4. Schedule, 5. Notification, 6. Native Security Permissions.
  - Fields: Scp Server Name (prod-server-1), Scp Remote Name (parts.dat), Scp Remote Dir (incoming), Scp Local Name (parts.dat), Scp Transfer Direction (UPLOAD), Scp Target Os (Tandem), Scp Server Port, Scp Local User, Scp Protocol (SFTP).

## The advantage of simplicity

Users can request, test, schedule and manage the execution of CA Workload Automation AE jobs directly without having to leave the familiar SAP interface.

# The Potential of Advanced Integration



Through its simplicity and powerful integration capabilities, CA Workload Automation AE offers advantages for leading organizations across all industries.

**A large, global beverage company:**

“...this solution gives us a simplified scheduling capability with one solution that is tightly integrated with SAP software.”

**Automotive leader:**

“What I really like is the architecture. I have seen other similar products, but putting the interface inside SAP Solution Manager is the right approach!”

**Electronics enterprise:**

“Your GUI front end is great ... Also, specific features, such as central management of jobs and an easier way to document jobs, were useful.”



# Considerations for SAP Business Warehouse

Your data warehouse is equally impacted by the application economy. Managing more workloads than ever before, you need to remove any roadblocks in your current environment that impact service-level performance and business results. These limitations include:

- Inefficient processes that require your staff to run SAP BW and CA Workload Automation AE jobs in separate chains and manage them from different systems
- Workflow processing delays and decreased responsiveness as your staff toggles back and forth between systems to identify and manage dependencies among process chains
- Higher workload management costs due to manual intervention and training requirements

# CA Workload Automation Advanced Integration for SAP BW

CA Workload Automation Advanced Integration for SAP BW enables CA Workload Automation AE jobs to be a part of SAP BW process chains. As a result, you're equipped to:

- Visualize end-to-end workflows that include both SAP and non-SAP system workloads, and monitor statuses through a single pane of glass in the SAP BW environment
- Visualize and manage dependencies between SAP BW and CA Workload Automation AE jobs from a central location – automatically triggering jobs at the right time to better support parallel processing
- Enable SAP BW teams to self-manage CA Workload Automation AE integration using CA Workload Automation AE's security features
- Help reduce the cost and complexity of managing mission-critical SAP and non-SAP system jobs

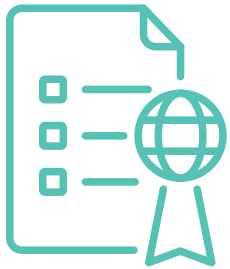


## Greater security for your SAP BW and CA Workload Automation AE workloads

CA Workload Automation AE supports both native and external security models. Through native security capabilities, you can restrict, modify, delete or execute jobs based on the owner attribute. Meanwhile, you can implement external security policies that provide more granular control over jobs, including authorization checks on key attributes, such as job or resource type and name.



# Benefiting From Advanced Integration for SAP BW



Success in the new application economy requires a nimble and efficient organization. When you implement CA Workload Automation AE with SAP BW, you can enhance automation for production workloads by integrating non-SAP technology provided by CA Workload Automation AE directly into BW process chains. You can also view the entire workflow using the native SAP GUI and initiate workflow from either SAP BW or CA Workload Automation AE for maximum flexibility.

## **Leading the way**

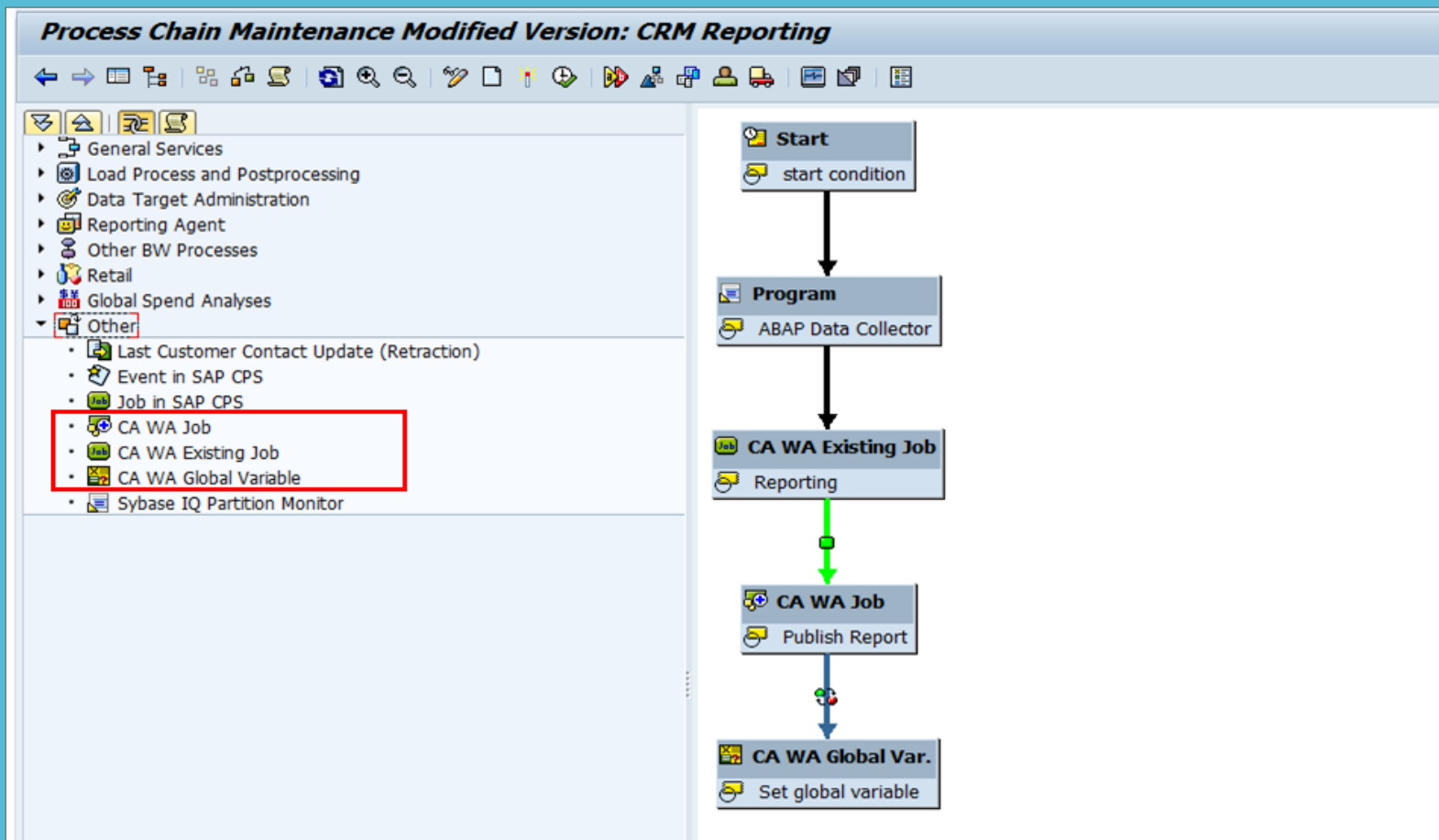
By removing workload management constraints using CA Workload Automation Advanced Integration for SAP BW, many Fortune 500 companies are making real progress toward that goal.

“This new integration reduces the amount of time needed to train technical teams on either CA Workload Automation or SAP BW. It eliminates the need to access multiple applications to manage their jobs. In addition, by automating and putting more structure around the workload management process, this integration can decrease related administrative burdens and help SAP teams become more productive.”

– Ranjeeth Kumar, Architect,  
Cognizant Technology Solutions

# Gain Speed and Control in an Integrated Workload Environment

Users can easily drag and drop CA Workload Automation jobs into the SAP BW interface in the sequence required. This helps speed workload processing while enabling proactive management of workflow dependencies and risks.





# Strengthen Workload Management in Your SAP Environment

Working with CA Technologies, you can:

- Automate and extend the scheduling capabilities of both SAP and non-SAP system jobs within a centralized location
- Visualize and manage dependencies through a single processing view
- Improve service-level delivery through real-time awareness of exceptions and automated recovery
- Save time and money through streamlined workload management processes
- Deliver responsive performance through on-time workload processing
- Support secure self-service through consistent workload policy for, and governance over, all SAP and non-SAP system jobs
- Streamline the process of updating job documentation to reduce delays in problem tracking and improving service delivery
- Scale to support workload demands in the new application economy

Learn how CA Workload Automation AE Advanced Integration for SAP Solution Manager and CA Workload Automation AE Advanced Integration for SAP Business Warehouse can help your organization.

[ca.com/wla](http://ca.com/wla)

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