

# CA AutoSys® Workload Automation Adapter for Oracle

CA AUTOSYS® WORKLOAD AUTOMATION ADAPTER FOR ORACLE (CA AUTOSYS WA ADAPTER FOR ORACLE) ALLOWS YOU TO REGAIN CONTROL OF YOUR PRODUCTION ENVIRONMENT BY CENTRALIZING WORKLOADS ACROSS DISSIMILAR PLATFORMS, APPLICATIONS AND TOOLS, AND PROVIDES SEAMLESS INTEGRATION WITH OTHER PRE-PACKAGED APPLICATIONS. IT OFFERS A SINGLE ENTERPRISE WORKLOAD AUTOMATION SOLUTION THAT DELIVERS AN EXTENSIBLE ARCHITECTURE AND ADVANCED FUNCTIONALITY.

## Overview

Featuring Universal Adapter technology, it lets you schedule the start of Oracle Concurrent Programs, monitor job progress, record Oracle Application phases and statuses, or stop jobs using the sophisticated and reliable job scheduling capabilities of any CA's distributed or mainframe job management engine. In addition, you can incorporate Oracle Application jobs into any other work flow for efficient management.

## Benefits

CA AutoSys Workload Automation Adapter for Oracle provides cross-application, cross-platform scheduling for Oracle jobs. It enables you to manage all work flows across the enterprise from a single point of control.

## The CA Advantage

For more than a decade, CA has designed, deployed and managed production workloads across some of the largest and most complex IT environments in the world. CA Workload Automation is part of CA's vision for Enterprise IT Management (EITM), which helps you unify and simplify IT management across the enterprise for better business results. CA Workload Automation is the industry standard for cross-platform workload automation.

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## Managing Complex, Enterprise-Wide Application Work Flows

Driven by the need for true enterprise-wide job management, centralized coordination of your scheduling environment has become increasingly complex due to the rapid deployment of packaged applications such as Oracle, SAP and PeopleSoft as well as internally developed applications. As this occurs, companies like yours are deploying infrastructure management tools to help support these applications. This presents a difficult problem, since most of these packaged applications come with their own embedded scheduling capabilities. The challenge is to provide a central job scheduler that can drive the embedded packaged application schedulers or talk directly to the applications.

CA AutoSys Workload Automation Adapter for Oracle allows you to simplify job management by integrating and automating components across the enterprise. It enables you to exploit the robust functionality of the CA Workload Automation solution and schedule Oracle jobs across applications and platforms. This enables you to reduce human or system error while improving availability, performance, visibility and business relevance.

### One Scheduling Solution for the Entire Enterprise

CA AutoSys Workload Automation Adapter for Oracle helps enable CA's job scheduling engines to act as the master job management system for all job processing in your environment. It can coordinate activities across your environment to maximize resources utilization and prevent activities of different applications from interfering with one another. Jobs can still be defined in the embedded scheduler, but dependencies, date/time conditions and other scheduling features can now be managed across applications.

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## Key Capabilities

**ENTERPRISE-WIDE JOB MANAGEMENT** Manage and control Oracle Application work flows with other application work flows across the enterprise (see Figure A).

**MANAGE ONE SCHEDULER INSTEAD OF MANY** Any of CA's job management engines can act as the master scheduler, driving all scheduling across your enterprise. Your production and operations staffs can benefit from only having to learn one job management solution and they can efficiently monitor work flows through a consolidated user interface.

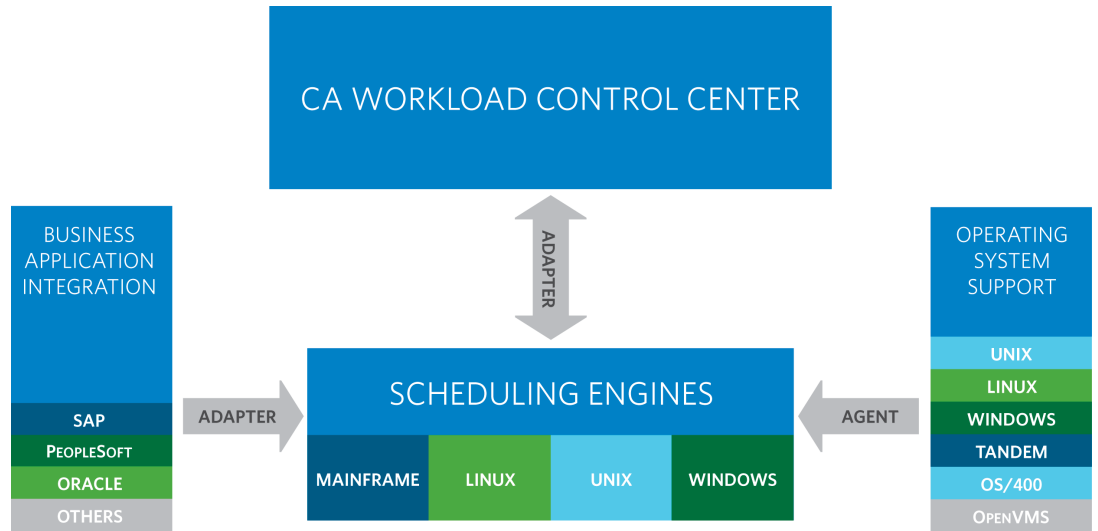
**COMPLEX JOB DEPENDENCIES** Integration between CA Workload Automation engines and the CA AutoSys WA Adapter for Oracle fully supports work flow dependencies across applications and other system tasks. The success of an Oracle Application job can trigger non-Oracle Application jobs or other Oracle Application jobs on the same platform or on another system in the enterprise. For example, a UNIX Oracle Applications job can trigger an FTP job that triggers a job on the mainframe. These jobs would be administered, tracked and monitored by CA Workload Control Center (CA WCC).

**ALARM NOTIFICATION** Alarm notifications can be defined to alert others if the Oracle Application job fails. Notifications can convey important information by sending an email or issuing a message to the operator's console.

FIGURE A

Enterprise-wide, cross platform job management is accomplished by seamlessly integrating CA Workload Automation Universal Agents and CA Workload Automation Adapters.

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**REPORTING** View current and historical Oracle Application job reports and enterprise-wide work flow reports that include job failures and exceptions.

**FAULT TOLERANCE** Restart and recovery features are integral to CA's enterprise job management design. If an Oracle Application job does not complete successfully, the job can be automatically restarted. Error recovery procedures can be invoked; including generating an alarm, issuing an email notification or issuing a message to the operator's console on the mainframe.

## What's New in Release 3.0

**JOB MANAGEMENT SCHEDULER-INDEPENDENT** Any CA Workload Automation engine, such as CA AutoSys® Workload Automation, CA 7® Workload Automation, CA Scheduler Job Management, CA Jobtrac™ Job Management or CA Unicenter® Network and Systems Management Job Management Option, can work with the CA AutoSys WA Adapter for Oracle.

**ORACLE REQUEST SET SUPPORT** A new parameter has been added that allows Oracle Request Sets and Oracle Reports to be scheduled. The parameter determines whether or not to execute a concurrent program or a Request Set.

**MICROSOFT WINDOWS SUPPORT** CA AutoSys WA Adapter for Oracle now supports Microsoft Windows NT, 2000, XP and Server 2003, as well as Linux, Sun Solaris, HP-UX and IBM AIX.

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## Master Job Management

CA AutoSys WA Adapter for Oracle simplifies cross-platform and application dependencies by integrating Oracle specific workloads with other systems and applications from outside the Oracle application stack. This provides users the ability to expand process automation across the enterprise.

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## The CA Advantage

CA AutoSys WA Adapter for Oracle is part of a comprehensive multiplatform Workload Automation solution from CA. The solution brings a central point of control and visibility to assure efficient, reliable and secure business process management. Supporting business workload design and processing across platforms and operating systems, CA Workload Automation helps you to align enterprise IT resources to improve service and manage risks and costs.

Further, to optimize the performance, reliability and efficiency of your overall IT environment, you need to tightly integrate the control and management of distinct functions such as operations, storage, and life cycle and service management, along with IT security and identity and access management capabilities.

CA's vision for enabling this higher level of management control is Enterprise IT Management (EITM) — a dynamic, secure approach that integrates and automates the management of information technology applications, databases, networks, security, storage and systems across departments and disciplines to maximize the full potential of each. CA's comprehensive portfolio of modular IT management solutions helps the enterprise unify, simplify and secure IT to better manage risk, costs and service, and ensure that IT meets the business needs of the enterprise.

CA is the global market leader in Workload Automation and Job Management as identified by industry analysts and market share data.

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## Next Steps

CA AutoSys Workload Automation Adapter for Oracle enables you to manage enterprise-wide job dependencies. Added functionality, including alarm notification, role based access and security, web services, reporting and fault tolerance help you achieve administration objectives. Please contact us to find out how we can help you drive more productivity out of your current IT infrastructure.

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To learn more, and see how CA software solutions enable organizations to unify and simplify IT management for better business results, visit [ca.com/products](http://ca.com/products).