



SAP® CENTRAL PROCESS SCHEDULING BY REDWOOD

Streamlining the Scheduling Process

The powerful SAP® Central Process Scheduling application by Redwood lets you manage and operate critical business processes across both SAP and non-SAP software environments. Centralized for convenience, it initiates the real-time, event-driven scheduling and process automation functionality that produces rapid returns on your investment, lowers your total IT costs, and helps you adapt quickly to changing customer and market demands.

Successful end-to-end IT processes require the interaction of a number of individual procedures in differing applications. These “compound applications” bring with them issues of integration, performance, and management as well as the risk of error. Managing such complicated processes can be inefficient and costly unless you approach the challenge in a structured way and make the most of opportunities to optimize resources – through automation, for example. Automation technology provides an effective means to manage complex processes and mitigate risk, assuming that it is built to be both robust and reliable.

Real-Time, Event-Driven Scheduling

The SAP® Central Process Scheduling application by Redwood is an adaptive, scalable application that provides the real-time, event-driven scheduling and process automation you need to manage background processing across multiple systems and applications. Through a central point of control, it enables organizations to orchestrate automation of the IT workload generated by modern business practices and to manage efficiently the compound applications this orchestration demands.

With its comprehensive automation rules, SAP Central Process Scheduling manages both routine and predictable workload as well as the ad hoc tasks that can be generated at any time by applications such as e-commerce, business-to-business transfers, and do-it-yourself end-user interfaces. The scheduling application treats both planned and unplanned workloads as “events” and builds relationships between these events to create dependencies where appropriate.

By detecting and responding to business events, SAP Central Process Scheduling enables you to take a dynamic approach to workload process automation. And because it responds immediately to events, it gives you the business agility, throughput, and efficiency you need to optimize the use of available time and resources. Processing that is balanced across all available time instead of being restricted by artificial date and time boundaries lets you avoid bottlenecks, keep user responses within agreed-upon service levels, and maximize the use of computing resources. As a result, it increases your ROI and allows you to defer the need to acquire additional hardware.

Centralized Management

SAP Central Process Scheduling provides a central point of control. This reduces administrative overhead by removing the need for the multiple tools previously used to manage processes across different applications. And it increases productivity by simplifying management of the complex IT workload generated by business processes.

“The visibility we now have of all processing, including BI, gives us the secure feeling that the business has access to the right information...There is an overall improvement in the service delivered to parent and clear overview of our system our customers.”

Bart Lezwijn, IT Infrastructure Data & Processing Manager, Philips DAP

The application provides a fully dynamic scheduling and process automation environment. In operational terms this means that any changes that are required (such as changes to input parameters and last-minute changes to requirements) can be accommodated at any point up to execution, enabling the IT organization to be completely flexible in meeting business processing needs. Critically, SAP Central Process Scheduling responds to events originating in both SAP and non-SAP applications – providing the basis for real-time, event-driven cross-enterprise process automation.

The application utilizes an intuitive web based graphical user interface for secure and centralized workload management and provides client access across the Internet for remote support when needed.

How the SAP® Central Process Scheduling Application by Redwood Reduces TCO, Improves ROI

- A single interface for management of all IT workload simplifies cross-enterprise management, increasing productivity and reducing training needs.
- Automated workload processing across all environments and composite applications reduces risk of errors and increases throughput.
- Integration across all SAP®, non-SAP, and composite applications streamlines processing and increases service-level compliance.
- Integration with operating-system-level workload (such as system backup) improves overall operational efficiency.
- Event-driven workload automation based on external activities such as incoming file transfers, system events, or environmental metrics (CPU load or paging rate) improves responsiveness.
- High availability and dynamic balancing of workload across all available resources optimizes resource utilization, throughput, and service-level compliance.
- Automated error recovery across related applications plus integration with systems management frameworks reduces the time needed to detect and respond to exceptions.

Business and Operational Benefits

Organizations are faced with many challenges, both business and operational, as they attempt to manage a growing workload without increasing available computing and staff resources. To help organizations running both SAP and non-SAP applications meet these challenges, SAP Central Process Scheduling offers the following advantages:

- Increased productivity of administrative staff and reduced management overhead through centralized administration and automation of all IT workload across all applications and environments – enabling the same number of people to manage a larger and growing environment
- Increased productivity of operations staff through simplified and automated management of all application and IT workload from a single point of control

“The productivity gains that we have realized have been good . . . all batch processing is successfully completed in plenty of time for the following online day.”

Peter Oswald, SAP Basis Manager, Freudenberg IT KG

- Increased agility through real-time response to business events, enabling organizations to react rapidly to changing market situations
- Improved service-level delivery through optimized workload management, automated error detection, reduced risk of errors from manual intervention, high availability, and seamless integration between different application processes
- Improved corporate governance through more rapid delivery of management information
- Improved return on IT investment through optimization of workload across all available resources
- Establishment of a scalable, future-proof automation infrastructure through readiness for enterprise services architecture and adaptive computing technology

Key Functions of the SAP® Central Process Scheduling Application by Redwood:

- Event-driven scheduling
- Dynamic calendaring
- Adaptive calendars
- Enhanced time-zone support
- Logical queue management
- Contextual processing
- Execution control optimization
- Chain management
- Alert notification
- Automatic error recovery
- Dynamic workload monitoring
- Java process management
- Dynamic workload management
- Automatic workload failover (for high availability)
- Security integration
- Audit control
- Adaptive computing support
- Integration with systems management tools
- Legacy process management
- Operating system management
- Graphical forecast management
- Intelligent definition
- Enablement of enterprise service-oriented architecture

Other Features of the Application:

- Implemented using SAP® Best Practices offerings
- Integrated with the SAP Solution Manager application management solution
- Non-SAP application management
- Certified by and integrated component of the SAP NetWeaver® platform
- Used in industry solutions
- Provides intuitive graphical user interface via a web browser

As the IT organization strives to map business requirements on the IT infrastructure, it will inevitably generate operational challenges. SAP Central Process Scheduling provides the means for automating processing requirements in a way that reflects business needs while retaining operational efficiency.

Automating for the Future

Through the efficiencies inherent in its architecture, the scheduling application enables a service-oriented approach to automation. And through its support for environments based on Java and Web application servers, it facilitates integration with service-oriented architectures. By providing a common set of reusable, immediately available services for process automation, it can create a central infrastructure for managing and integrating workloads for legacy, existing, and future applications. Integration with the SAP Solution Manager application management solution and the broader SAP software systems management environment ensures that SAP Central Process Scheduling fits in easily with the existing corporate IT management framework.

The scheduling application supports new and emerging environments such as adaptive computing and provides enhanced integration for Java environments, enabling new technology applications to benefit from the same sophisticated scheduling and process automation functions now available in existing and legacy applications. In this way, SAP Central Process Scheduling ensures that organizations can implement an automation infrastructure that is not only flexible, efficient, and responsive but also future-proof and able to embrace any new application environments as they develop.

Integration Across SAP and Non-SAP Applications

SAP Central Process Scheduling is a process automation application that exploits the power of a robust repository and a highly available, distributed environment to ensure reliable and accurate processing of business application workload – across all applications and operating system environments. The application takes the complexity out of managing processes that require interaction

with different SAP components through its deep integration with core components of the SAP NetWeaver® platform (including the SAP NetWeaver Business Intelligence component), solutions from the SAP Business Suite family of business applications (such as the SAP ERP and SAP Supply Chain Management applications), and SAP industry-specific solutions.

By integrating complex processes and extending them across the non-SAP software environment, the application creates an innovative dynamic scheduling environment driven by real-time events that occur anywhere in the landscape. This environment is controlled centrally, reducing the costs of managing an increasingly complex multi-application workload. And by balancing the need for greater throughput and performance with the drive for reduced management and IT ownership costs, the new scheduling application helps organizations achieve significant benefits.

The Benefits of Partnership

With SAP Central Process Scheduling, you are leveraging the combined expertise of both SAP and Redwood Software, gained through serving more than 30,000 customers worldwide in over 150 countries. Both companies have widespread experience with organizations of all sizes, not just large enterprises. And SAP has decades of experience helping organizations improve their business fundamentals, business processes, and overall business results.

Implementing the scheduling application initiates real-time, event-driven scheduling and process automation functionality that will produce a rapid ROI, lower your total cost of ownership (TCO), and help you optimize your business processes and meet constantly changing customer and market requirements.

Find Out More

To learn more about how SAP Central Process Scheduling can help your organization achieve high levels of business success, contact your SAP representative or visit us at www.sap.com/centraljobscheduling.