

# Redwood Active Auditing™

Redwood Extensions for Cronacle and SAP Central Process Scheduling by Redwood

## Increased Visibility with Active Auditing from Redwood

Ever-changing compliance regulations and corporate governance needs require businesses to put effective IT accountability, control, and security measures in place --and enforce them. Effectively tracking system changes, reversing flawed changes, and accurately reporting change activity is critical to supporting audits and avoiding regulatory penalties. Businesses must have a consistent, transparent and repeatable method for managing these processes.

### Tracking Critical Changes

Tracking changes made to the IT environment is particularly important in process automation where a large number of background tasks running business critical production workload must be managed and closely monitored. Having comprehensive auditing and reporting capabilities in place helps businesses ensure compliance with regulatory standards. Redwood Active Auditing for Cronacle and SAP Central Process Scheduling increases visibility and accountability by tracking and recording change activity in the process automation environment.

Redwood Active Auditing monitors the entire process automation environment, logs the changes made to managed objects, and makes the data accessible directly through a plug-in to the user interface. The IntelliSearch™ feature enables administrators to easily search and find audit entries, allowing for quick access to necessary information. By allowing rollback or restore of an object to its previous state, Active Auditing enables controlled implementation of process definitions and minimizes service interruptions that could impact your business.



### Configurable Data Collection

The amount of audit information gathered by Active Auditing is completely adjustable. For example, it can be set to collect full data when changes occur to finance-related objects, and to collect just the differences when changes are made to development-related objects. The user interface enables a secure global view of all change details - including the changes that were made, who made them, and when, - as well as the differences between specific versions of an object.

### Rollback Capabilities

A standard rollback can be implemented at an individual object level, or a point-in-time rollback can be initiated for the entire environment. Point-in-time rollbacks enable the controlled restore of all monitored objects to their respective states at a particular date and time. Because a restore action constitutes a

change, all restores are also tracked for auditing purposes. As an additional means of security, the audit trails can be archived but cannot be directly deleted.

### Redwood Professional Services

To ensure maximum benefit, the Redwood Active Auditing module and other Active Management™ modules for Cronacle and SAP Central Process Scheduling are implemented through Redwood professional services. The Active Auditing module is delivered as a combination of licensed software and consulting services so that customer-specific requirements can be met quickly using the most effective methodology. Customers can choose an off-the-shelf implementation and training package, or fully customize the engagement to meet their specific needs.



# Redwood Active Auditing

## Redwood Extensions

The screenshot displays the Redwood Active Auditing web interface. The top navigation bar includes 'Monitoring', 'Applications', 'Definitions', 'Environment', 'Security', 'Scripting', 'Alerting', and 'Auditing'. The 'Auditing' section is active, showing a table of audit rules:

Audited Object Type	Audited Object Business Key	Action	User
AuditRule	JobDefinition	Created	admin
AuditRule	JobChan	Created	admin
AuditRule	Queue	Created	admin
AuditRule	ProcessBanner	Modified	admin
JobDefinition	GLOBAL_Asset_Accounting	Modified	admin
JobDefinition	GLOBAL_Perform_Accruals	Modified	admin
JobDefinition	GLOBAL_Perform_Accruals	Modified	admin

Below the table, the 'Audit Object 65877' is detailed, showing the 'Audited Object Type' as 'JobDefinition' and the 'Audited Object Business Key' as 'GLOBAL\_Perform\_Accruals'. The 'Full Audit' section displays XML data:

```
<?xml version="1.0" ?>
<data>
  <entity name="Perform_Accruals" type="JobDefinition" action="M">
    <entity name="85731" type="JobChainCall" action="D">
      <entity name="85732" type="JobChainCallCounter" action="D">
        <entity name="85733" type="JobChainCallStatistic" action="D" />
      </entity>
    </entity>
    <entity name="85734" type="JobChainCallCounter" action="D">
      <entity name="85735" type="JobChainCallStatistic" action="D" />
    </entity>
  </entity>
</data>
```

## The Redwood Active Management Suite

Active Auditing is just one of several modules designed to extend the value of your Redwood process automation environment.

### Active Monitoring™: Event-Driven Alerting

The event-driven design of Cronacle and SAP Central Process Scheduling facilitates the most flexible approach to workload management. The solutions give you the ability to reflect business-level processes in the underlying IT environment and dynamically respond to change. Redwood Active Monitoring uses this event-driven approach to detect exceptions, raise alerts

and manage escalation. Active Monitoring provides a flexible rules-based monitoring framework to meet your most complex and demanding alerting needs. From job completion to managed environment status changes, the Active Monitoring module responds to events and uses predefined rules for automated alerting.

Pairing the Active Monitoring module with Redwood Implementation Services ensures that your environment will move you toward lights-out operations and true management by exception.

### Active Archiving™: Secure Data Retention

With increasing emphasis on accountability and transparency, historical process data must be retained for longer periods and still be easily accessible for auditing and compliance.

The Active Archiving™ module provides a reliable and secure long-term archiving environment for data associated with managed tasks. A highly configurable option that moves historical data into an archive repository and provides compliant data retention adds to the overall performance of your Redwood process automation implementation.

For more information on the Redwood Active Management suite for Cronacle and SAP Central Process Scheduling, please visit [www.Redwood.com](http://www.Redwood.com).

