

- ▶ Based on the SAP NetWeaver technology, Ssumo reinforces the customers choices in the landscape of SAP systems and various solutions provided by SAP AG.

Non-intrusive, easy to use and to setup, Ssumo contributes to reduce technical investments and consulting involvements costs.

Ssumo, powerful and global solution of supervision

- ▶ Real-time monitoring relying on powerful features for collecting and filtering information
- ▶ Strong ability to manage alerts and escalation via SMS, email, ...
- ▶ Natural integration with TOP/X
- ▶ Interfacing with other supervision tools for non-SAP systems
- ▶ Integration with various communication protocols

Real and comprehensive view of monitored environments and system logs

Ssumo, centralized management, monitoring and scheduling of SAP environments

- ▶ Includes over 80% of the major features of the technical solutions provided by SAP (simple and complex ones)
- ▶ Administration and monitoring from Web Console
- ▶ Performance management relies on SAP CCMS interface modules
- ▶ Real-time collection of performance data and systems alerts
- ▶ Powerful scheduler of external jobs
- ▶ Through its Inspector tools, Supervision and Monitoring dashboards, Ssumo can focus the information to a single point for a global vision of systems.
- ▶ Strong ability to suit to any architecture of supervision and monitoring solutions
- ▶ Quick and easy implementation
- ▶ Easy and fast to use, Ssumo provides solutions for all technical areas of administration and supervision of SAP systems: managers, architects, administrators, supervisors, operators ...
- ▶ Compatible and deployed around SAP NetWeaver technology, Ssumo uses dedicated resources and reduces the impact of supervision on system performance. It is fully integrated into the IS landscape of the Customer.
- ▶ Adaptable and compatible with all upgrades of SAP solutions.
- ▶ **Ssumo** is innovative on new technology, security and reliability through the use of interfaces and functions of SAP-certified modules (XBP 3.0, XAL, XMI...)

Ssumo : main benefits

- ▶ Real-time Inspection and Monitoring of SAP environments
- ▶ Management and Check-control of jobs, monitoring of systems alerts and performance, job scheduling through web console
- ▶ Centralized operation through dashboard (Cockpit Management) on alerts and system incidents
- ▶ Multiple notification on alerts : emails, SMS, formatted files... to managers, using escalation steps
- ▶ Diagnostics depending on contexts and systems logs

Ssumo : key functions

Product general functionalities
Initial installation of Ssumo and execution can be completed within five hours
Multi-platform support for Windows, Unix and Linux
Fully functional Web interface
Uses MaxDB database to ensure performance and reliability
Easy definition, execution and management of standard communication protocols
Remote monitoring and management using customer security policies

Jobs Management and Monitoring

Extended jobs selecting and monitoring with complex criteria

Job selecting based on multiple criteria such as job name, user, status, count number, dates

Real-time jobs supervision and monitoring

Job statistics and history

Support multiple queues, job priorities and queue priorities

The screenshot displays the Ssumo Client - V1.0 interface. The main window is titled "Ssumo Client - V1.0" and contains a menu bar with options: "Fichier", "Edition", "Fenêtre", and "Aide". Below the menu bar is a navigation bar with tabs: "Ssumo Administration", "Jobs Monitoring", "CMS Management", "Auto Monitoring", "Jobs Scheduler", "SAP Performance", "Cockpit Manager", and "Syslog Manager".

The interface is divided into several sections:

- SAP R/3 Systems:** A tree view on the left showing "SAP R/3 Systems" and "192.168.0.70".
- External User Name:** A form with a "Username" field containing "FR02955", a "Selection" dropdown menu set to "AL", and a "Systemid" field containing "SMP".
- Job Select Param:** A section with checkboxes for job status: "Prelim" (unchecked), "Schedule" (checked), "Ready" (checked), "Running" (checked), "Finish" (checked), and "Aborted" (checked).
- Personal selection:** A section with input fields for "Job name" (containing "JOB_*"), "Job Count" (with an asterisk), "Job Group" (with an asterisk), and "Username" (with an asterisk). It also includes "From date" and "To date" dropdown menus, both set to "sam. 28/01/2012".
- Console:** A log window at the bottom showing system messages, including "Ssumo Client started on SAP2 [192.168.0.25] by ssumo user [admin]" and "FR02955 logged on SAP XML Interface (for Job Management). The session ID is: COA8004624104F2470D100A2".
- RFC function Modules:** A list of modules on the left side, including "Get current background Resources", "Get Intercepted Jobs", "Add Abap Step", "Get Job Children", "Job Close", "Job Count", "Job Delete", "Ext Step Modify", "Job Open", "Parent Child Info", "Job Read", "Job Selection", "Job Start Immediately", "Job Status Get", "Modify Job Step", "New Func Check", and "Dist Connect Check".

Alert Monitoring and Management

Management of alert notifications includes emails, console messages and SMS

Ability to include CCMS (Computer Center Monitoring of System) from SAP

Integration with Top/X and other standard supervision software which use two-way communication for alerting and interaction

Multiple job criteria on any notification and performance management

Performance Management of all system contexts

CPU load

Network utilization

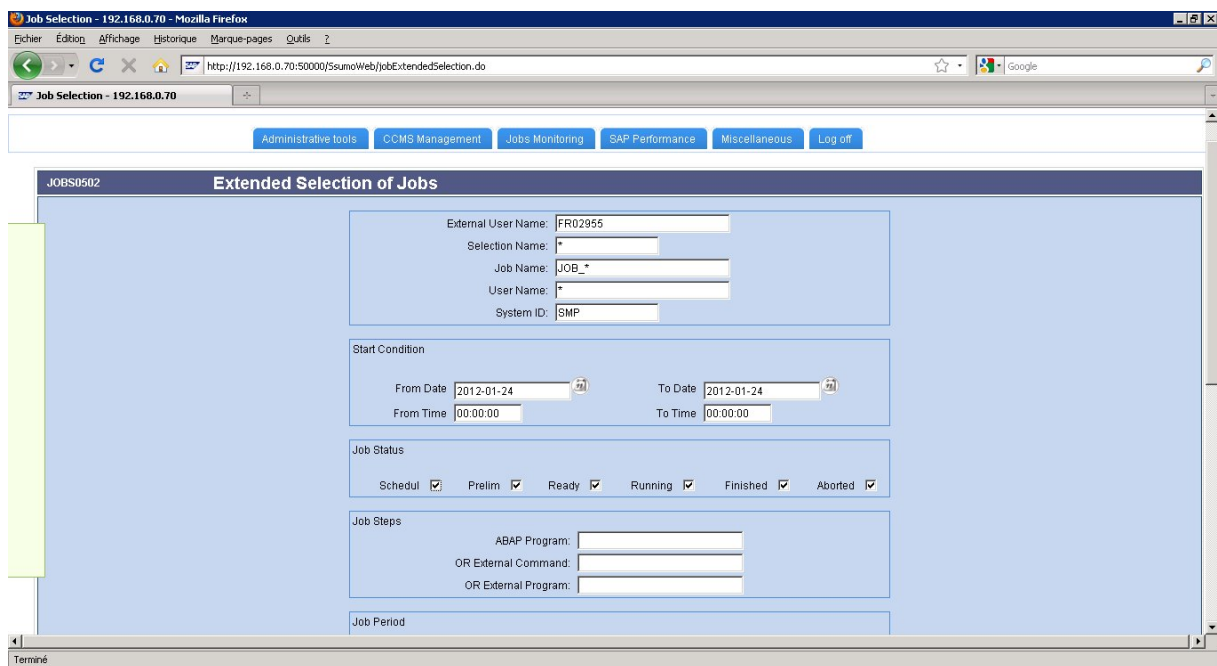
Database and Cache time

Users performance

The screenshot displays the SSUMO Client - V1.0 interface. The main window is divided into several panes:

- Monitor Tree Nodes:** A tree view showing system components like Dialog_linux-ai1x_SMP_00, Enqueue, MonInfra_linux-ai1x_SMP_00, Sapmsys8, and Messages. The Messages pane shows several alert messages with details like 'Startup method error: CCMS_MSS_APP_SLO'.
- Alerts Data:** A table displaying a list of alerts. The columns include Msgarg3, Msgarg2, Msgarg1, MtuId, Alerttime, Msgtext, Mscglid, and Objectname. The table shows multiple entries for SAPSYS with various error messages.
- Config Alert Management:** A configuration pane for alert management. It includes fields for 'Monitored Systems' (192.168.0.70), 'Alerts Interval' (30 minutes), 'Support Team Name' (Patrice MPOYI), 'Support Team Email' (patrice.mpoi@gmail.com), and 'Support Team Mobile' (0665199352). There are 'VALID' and 'CANCEL' buttons.
- Console:** A log window showing system messages, including 'Ssumo Client started on SAP2 [192.168.0.25] by ssumo user [admin]' and 'FR02955's SAP session ID is: COA8004624104F2470D100A2'.

Job Scheduling Management
Schedules jobs with specific time window
Schedules jobs with specific programs
Schedules jobs with calendar
Schedules job for all involved steps
Real-time view on jobs history
Background job analysis
Jobs statistic



SAP System Logs Management

Monitoring of SAP system logs with Parsing

Monitoring of SAP servers' system logs

Filtering logs on the presence or absence of keywords

Backup of system logs into files for later use

The screenshot displays the SSUMO Inspector V1.0 interface. On the left, the 'External Supervision Overview' pane lists three external servers: 192.168.0.25, 192.168.0.27, and 192.168.0.28. The main area is divided into two sections: 'External Supervision Configuration' and 'External Supervision Messages'.

External Supervision Configuration

Sending parameters

Format: XML | Alert type: Syslog
Protocole: TCP/IP | Period: 900 seconds

Host parameters

IP Address: 192.168.0.28
Port Number: 3000

Configuration Table

Protocole	Format	AlertType	Period	serverIP	portNumber
TCP/IP	Text	All	600	192.168.0.25	2 000
TCP/IP	Text	All	600	192.168.0.27	3 000
TCP/IP	XML	Syslog	900	192.168.0.28	3 000

External Supervision Messages

TCP/IP on 192.168.0.25 [X] \ TCP/IP on 192.168.0.27 [X] \ TCP/IP on 192.168.0.28 [X] \

Security

Pre-defined security policies including role-based security

Product license encryption

Automatic product license update provided

Administrators can grant/deny access to modules and user abilities

Reporting

Ability to export to PDF and Microsoft compatible formats and XML

Statistics and data extraction

Ready-to-run reports for alerts and jobs history

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