

ROSA™ Macro Component – General Add-on Component

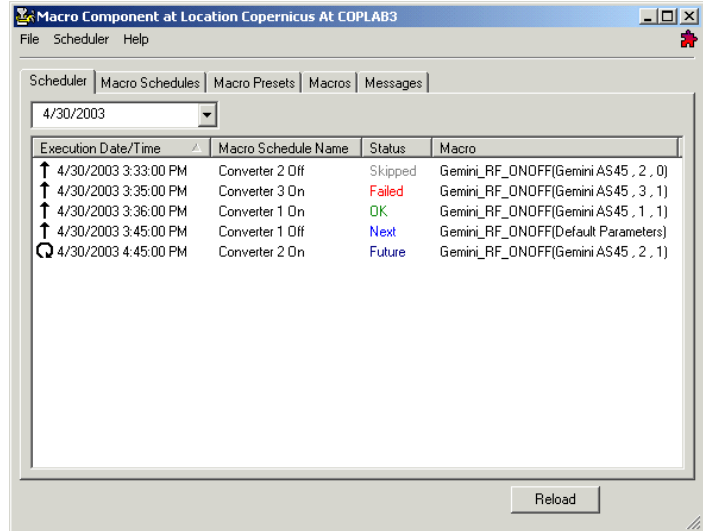
Description

The ROSA™ Element Manager's Macro Component allows you to manipulate and execute a predefined set of macros on a number of resources.

A macro can range from a single action on a device to a full script that interacts with several devices. Macros can have a wide set of parameters such as numbers, strings or even units.

With the Scheduler tool, you can determine when a macro is executed. The Scheduler supports single shot and recurring macro schedules.

A single shot macro schedule is executed only once at a specified date and time. A recurring macro schedule follows a schedule that is defined with help of the Schedule Database Component in the ROSA software.



The screenshot shows the 'Macro Component at Location Copernicus At COPLAB3' window. It features a menu bar with 'File', 'Scheduler', and 'Help'. Below the menu is a tabbed interface with 'Scheduler', 'Macro Schedules', 'Macro Presets', 'Macros', and 'Messages'. A date selector is set to '4/30/2003'. The main area contains a table with the following data:

Execution Date/Time	Macro Schedule Name	Status	Macro
↑ 4/30/2003 3:33:00 PM	Converter 2 Off	Skipped	Gemini_RF_ONOFF(Gemini AS45 , 2 , 0)
↑ 4/30/2003 3:35:00 PM	Converter 3 On	Failed	Gemini_RF_ONOFF(Gemini AS45 , 3 , 1)
↑ 4/30/2003 3:36:00 PM	Converter 1 On	OK	Gemini_RF_ONOFF(Gemini AS45 , 1 , 1)
↑ 4/30/2003 3:45:00 PM	Converter 1 Off	Next	Gemini_RF_ONOFF(Default Parameters)
↻ 4/30/2003 4:45:00 PM	Converter 2 On	Future	Gemini_RF_ONOFF(Gemini AS45 , 2 , 1)

A 'Reload' button is located at the bottom right of the window.

Features

- Flexible manipulation of macros
- Executes predefined set of macros with a mouse-click
- Support of single shot and recurring macro schedules
- Reporting of the Macro execution status to the ROSA management system.
- Scientific-Atlanta 'on the shelf' macros available, other macros are on request



Macro Component



Specifications

Additional Features	
User Interface tabs	
Scheduler	Daily overview of the scheduled macros; the day is selected on a calendar.
Macro Schedules	Overview of all defined macro schedules. Supported actions are adding, copying, editing and removing of macro schedules.
Macro Presets	Specification of macros with predefined parameters that can be executed on a mouse-click trigger.
Macros	Place where the macros are defined together with their parameters.
Messages	Reporting of status to the ROSA management system.
License	Server based license for the Macro Component (see ROSA documentation). To use the Scheduler functionality an extra specific license key is necessary. Enabled by the supply of the necessary license key(s).
Installation	From ROSA CD

Requirements	
ROSA	Installation of ROSA 3.0 or later version
Server	See ROSA User's Guide for information

Ordering Information

General Add-on Component	Part Number
Macro Component	V9529827



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Europe & Asia
+32 56 445 000 or +49-6173-928-0
www.saeurope.com
Americas
1-800-722-2009 or 770-236-6900
www.scientificatlanta.com

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