

## ASG-ZACK™

For Advanced Automation and Event Management

### OVERVIEW

The processing power of today's enterprise demands higher availability, service, and automation. To meet this challenge efficiently, solutions must reduce or eliminate manual intervention as well as automate complex systems. ASG-Zack™, a comprehensive, rules-based solution for console automation in z/OS and VSE environments, monitors mainframe systems consoles and provides message-based automation for those systems. ASG-Zack also works in conjunction with ASG-Zena™ on distributed platforms to provide complete automation and to efficiently solve business problems.

Breadth of platform coverage, "fill in the blank" rules definition, and standardized REXX capabilities all provide the foundation for ASG-Zack. In turn, it dynamically manages console activity and eliminates the need for human intervention. ASG-Zack enables users to implement tasks and events to automate system and console activities. By automating much of the process, intensive steps can be handled accurately.

ASG-Zack seamlessly manages system events and console activities – eliminating the need for the customized manual scripting that is normally associated with complex automation tasks. With simple "fill in the blank" rules definition, ASG-Zack handles automation requirements quickly and easily. In addition, advanced automation is handled through standard IBM REXX capabilities.

### ROBUST, CUSTOMIZABLE FEATURES THAT SUPPORT TODAY'S ENTERPRISE

ASG-Zack's easily defined automation rules manage a wide range of system activities and events across multiple zSeries environments. Template-based definitions offer the ability to reuse a defined rule on different systems. In addition, a centralized rules repository simplifies automation reporting, auditing, and collection of historical data. The use of standard IBM REXX, rather than a proprietary REXX-like language, ensures flexibility and viability going forward.

ASG-Zack's extensible architecture offers several benefits, including:

- Multiple online accessibility options such as CICS, ISPF, and TSO
- A flexible security model
- Pre-defined and customizable reporting options
- Support for all IBM releases of z/OS
- Standardized APIs for third-party integration (such as problem tracking interfaces)



### MAIN FEATURES

- Automates and improves system reliability and maximizes IT resources
- Supports advanced automation to ensure high availability and minimize system downtime
- Reduces or eliminates console traffic to maximize throughput
- Incorporates easy-to-use features and automatic actions that reduce costs
- Works with other ASG solutions to provide integrated workload management, platform and application transparency, as well as BSM support
- Captures, suppresses, and responds to Write-to-Operator (WTO) messages
- Intercepts and intelligently responds to Write-to-Operator Reply (WTOR) messages
- Manages message traffic by highlighting, low-lighting, consolidating, and suppressing messages
- Automates system events based on Time-of-Day (TOD) requirements
- Sequences automation events such as IPL process automation
- Propagates automation data through global, shared, and system variables
- Consolidates message traffic from multiple systems for centralized management
- Provides comprehensive and pre-defined message management rule sets
- Provides schedule flexibility through versatile calendar- and time-based definitions

```

1 - RMvsMod2 (mysprod)
ASG-Zack Fastpath Message Definition Row 10 to 16 of 16
Command ==>
Table SUPPRESS
Line commands: nnn - Move after nnn D - Delete I - Insert
L Low/green      S Suppress console  T Console ID      B Bypass
H High/white     Z Suppress SYSLOG   I Issue command   (blank) = process
C Critical/red    P Suppress both     X Exclude
D Desc code      R Route code

**** Scan Text
00100 IER793A          Beg End A D Command/Operand >>
00110 IKT0100         1  8  S  B
00120 IRR0121         1  8  S  B
00130 TMSQ????        1 10  R  B (1,2)
00140 ARC0055A         1  8  S  B
00150 LMRK10001T       1 10  I  B V NET_ACTIVE_ID=AP2
00160 CSV410I         1  8  S  B
***** Bottom of data *****
1 Sess-4 10.31.8.50 TCP00330 4/15

```

ASG-Zack simplifies the implementation of automation tasks by using a table-driven rules definition process.

## INTEGRATION WITH OPSCENTRAL® PRODUCTS

ASG-Zack and other integrated OpsCentral products enable enterprises to shift their focus from platform-centric, task-based solutions to integrated workload management solutions. Providing platform and application transparency and support for Business Service Management (BSM) initiatives, OpsCentral products provide solutions with unmatched functionality and breadth of solutions, including:

- Scheduling, automation, and integration solutions with ASG-Zeke™, ASG-Zena™, ASG-Zebb™, ASG-Outbound™, and ASG-OpsCentral™
- Workload planning and analysis with ASG-Workload Planner™ and ASG-Workload Analyzer™
- Workload enablement with ASG-JCLPREP® and ASG-Zara™

## TECHNICAL SPECIFICATIONS

Supported Environments/  
Platforms/Operating Systems

- All IBM z/OS releases

## SUPPORTED PROTOCOLS

- IBM SNA and TCP/IP

## SUPPORTED REQUIREMENTS

- IBM TSO/ISPF, or CICS
- IBM REXX

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ASG Technologies | 1.239.435.2200 or 1.800.932.5536 | 708 Goodlette Road North, Naples, Florida USA 34102 | [www.asg.com](http://www.asg.com)

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