

**EXSPANS SYSTEMS INC.****AutoMan™ Systems Automation for IBM z/OS
Mainframe Installations**

About Exspans Systems Inc.

Exspans Systems Inc. (www.exspans.ca) is a Canadian company with over 3 decades of IBM mainframe development, maintenance, customization, and support experience.

Exspans has created the AutoMan™ V3.2 Systems Automation application for legacy IBM mainframe installations running the operating system z/OS to automate, control, schedule, and monitor many console based operations that were formerly the responsibility of the console operator.

AutoMan™ V3.2 Systems Automation

The AutoMan™ V3.2 Systems Automation application is designed for legacy IBM MVS mainframe installations running z/OS. AutoMan™ creates a mainframe environment that integrates seamlessly into your native IBM environment, performing many primary and critical console operations to reduce operator dependence and intervention. AutoMan™ V3.2 Systems Automation enhances your z/OS system operational efficiency, streamlines operations, improves throughput and productivity, prevents failure of critical resources, reduces costs, minimizes risk, and enables dynamic workload management.

AutoMan™ V3.2 Key Capabilities

AutoMan™ Systems Automation V3.2 can automate any operator console operation, increase overall performance and efficiency, eliminate failures, minimize costs, and reduce system downtime with these key capabilities:

- Automate startup procedures for the Initial Program Load (IPL)
- Automate system shutdown
- Automate Start/Stop subsystem operations; run batch offload(s) and reports
- Automate disaster recovery
- Schedule and submit routine jobs and tasks
- Perform real-time response to scheduled and unscheduled events
- Verify status of system devices: Tape drives, COMM lines, or any addressable device
- Consolidate multiple systems operating in a sysplex with status alerts and programmed cross-system events
- Conditionally initiate or stop major subsystems (e.g. JES, VTAM, CICS), with prior and post dependencies
- Sends priority e-mail alerts to operators for events and conditions that require console operator intervention

AutoMan™ V3.2 Feature Set

Exspans Systems Inc. AutoMan™ V3.2 Systems Automation for IBM z/OS mainframes contains these feature highlights:

AutoMan™ V3.2 Systems Automation		
Major Features	Benefits	Advantages
AutoMan™ Systems Service Identification (SSID) Facility	<ul style="list-style-type: none"> • Easy-to-use definition of subsystems and services 	<ul style="list-style-type: none"> • Reduce operator intervention and eliminate console commands for service start-up and shutdown.
Scheduling Services	<ul style="list-style-type: none"> • Run tasks when required, based on simple or complex calendar definitions 	<ul style="list-style-type: none"> • Flexible scheduling and workload control
Condition Automation	<ul style="list-style-type: none"> • Detect CPU use, heavy resource users, and other resources, automatically 	<ul style="list-style-type: none"> • Increase system efficiency • Monitor all event conditions • Automate condition monitoring
Configuration Manager	<ul style="list-style-type: none"> • Customize system Configurations 	<ul style="list-style-type: none"> • Flexible configuration options • Automatically handle dependencies
System Message Automation	<ul style="list-style-type: none"> • Automated messages • Accurate and real-time system response • Routine messages are eliminated • Error detection in real-time 	<ul style="list-style-type: none"> • Reduces requirement for operator knowledge • Improves efficiency/performance and throughput • Important messages are selectively displayed for audit • Less downtime and reduces costs
Retained Message Automation	<ul style="list-style-type: none"> • Auto Retention of messages • Handles past system events 	<ul style="list-style-type: none"> • Maintains clear console display • No operator intervention
Operator Command Automation	<ul style="list-style-type: none"> • Intercepts and tracks system commands to both virtual and real console locations. • Definition of new installation dependent commands. 	<ul style="list-style-type: none"> • Reduces operator knowledge, intervention and debugging • Major operations are reduced to simple commands • Validates and ensures the security of commands • Customization of system requirements
SYSOUT Scanning service	<ul style="list-style-type: none"> • Error Analysis of logs and other output listings 	<ul style="list-style-type: none"> • Analyzed in real time • E-mail alerts • Fault diagnosis
Cross Systems Support	<ul style="list-style-type: none"> • Complete messaging support between cooperative systems 	<ul style="list-style-type: none"> • Workload control and distribution • Programmable through user, or requested tasks • Enable operational decisions based on the status of other systems

AutoMan™ V3.2 Systems Automation		
Major Features	Benefits	Advantages
Synchronization services	<ul style="list-style-type: none"> • Sequence events within the system, and across external systems • Sequence events for both system services and user applications 	<ul style="list-style-type: none"> • Automatic control of potentially complex sequencing events • Uses simple command language to achieve powerful controls

Installations World-Wide

Exspans Systems Inc. has installed AutoMan™ Systems Automation in business enterprises in Canada, United States, and Europe.

Documentation

AutoMan™ V3.2 Systems Automation for IBM z/OS comes with a full suite of current documentation including installation, customization, upgrade options, messages manual and, hints and tips.

Support and Customization

Script development and conversion assistance is available. Contact Exspans Systems Inc. for more information and pricing.

Contact Exspans Systems Inc.

Contact Exspans Systems Inc. for a demonstration copy of AutoMan™ V3.2 Systems Automation for IBM z/OS mainframe installations.

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