



# CONTROL

for 

## BE MORE PROACTIVE

Integrate IBM i into your existing monitoring tool (like Nagios, PRTG, etc) (180+ 'Plug & Play' controls)

Already 500+ installed systems



### ONE TOOL TO MONITOR EVERYTHING

► Compatible with 90% of monitoring tools on the market\*, can be activated "by a single click"

- Many companies use tools like Nagios, PRTG, Zabbix,...\* to monitor all their servers; integrate IBM i easily into these tools.
- Give your Helpdesk the same user experience on IBM i as on other servers.
- Take advantage of these tools' user-friendly and ergonomic interfaces, offering power and a huge number of different settings.



### IBM i MONITORING IS READY TO MEET ITS CHALLENGES

► + More than 180 IBM i-specific controls, almost nonexistent among the existing market supervision tools

- Monitor critical applications and sensitive data running on your IBM i.
- Benefit from relevant controls and alerts, based on M81's IBM i expertise and feedback from over 500 customer partitions.
- Save money compared to in-house development, and gain in responsiveness, stability, completeness and scalability.
- The finishing touch comes from your being able to integrate your existing specific controls into 'Control for i'.



### CONTINUITY OF SERVICE, LOWER EMERGENCY RESPONSE COSTS

► Be alerted of problems before they become critical

- Monitor the status of operations (applications, ERP, EDI...) and their proper execution (batch, backups...).
- Supervise the proper operation of High Availability software.
- Measure CPU usage, disk occupancy and subsystem status to anticipate any drop in performance for users.
- Make sure there are enough tapes available before backup.
- Analyze this data to optimize resources
- Identify signs of hardware and software degradation, over- or under-utilized resources...

#### THE STRENGTHS OF CONTROL for i



- Compatible with 90% of proprietary, Open-Source or SaaS monitoring tools
- 180+ integrated controls
- Uses native IBM i commands
- "Plug & Play" product: quick and easy to install
- Easy and intuitive to use
- Functions for automated action or response to message
- Robust and stable: more than 500 systems installed worldwide
- Feature-rich: 7 years' experience with ~3 releases per year to keep pace with customer needs and technological developments
- User-praised hotline
- 2 modes: Perpetual licenses or Subscription

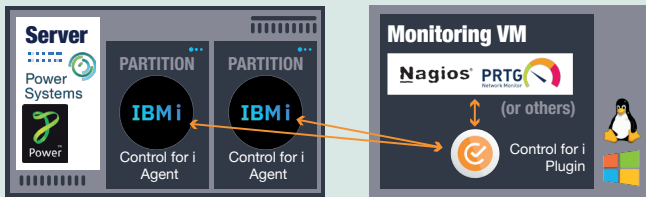


Introducing M81: Software house (ISV) specializing in IBM i. It offers 2 solutions: **Control for i**: see above. **Flash for i**: no longer impact IBM i production for backups, Save21, recovery copies, data extraction, or to refresh your test environments. Products installed on 1000+ LPARs: 600+ user companies rely on M81 in 23 countries (Americas, Europe).



## HOW IT WORKS

- ▶ **Control for i has two components:**
  - One and only one PLUG-IN to install on your existing monitoring solution,
  - One AGENT (library and subsystem) running your IBM i partition.
- ▶ **The agent provides 60 native IBM i commands.** Using these commands (and their many settings) it is really easy for IBM i users to configure the controls they want. No development at all is required.
- ▶ **First step: on IBM i, define and test the command** and the parameters that will perform the control.
- ▶ **Finally, simply copy and paste the command** into your favorite monitoring tool as a parameter of the Control for i plugin.
- ▶ **Every other parameters in Nagios (or equivalent) are standard** parameters (frequencies, time period, type of alert (email, SMS, etc.), escalations, ...).



## EASY TO IMPLEMENT

- ▶ **Monitoring tools administrators:** a simple component (Plug-in) to install on your existing enterprise monitoring solution. No need to download (or develop) any other Plug-in.
- ▶ **IBM i administrators:** a simple library to restore in the IBM i partition to be monitored.

## EASY TO USE

- ▶ **Monitoring tools administrators:** You control the IBM i from the same interface as all other servers. The IBM i administrator prepares and gives you the controls to set up. They have already been tested and can be implemented simply by copying and pasting.
- ▶ **IBM i administrators:** use familiar IBM i commands. Tests and validations on the IBM i, without the need for any other tool, studio or language. 180 controls are available and documented. Just choose the right command to implement a new control.

## EASY TO OPERATE

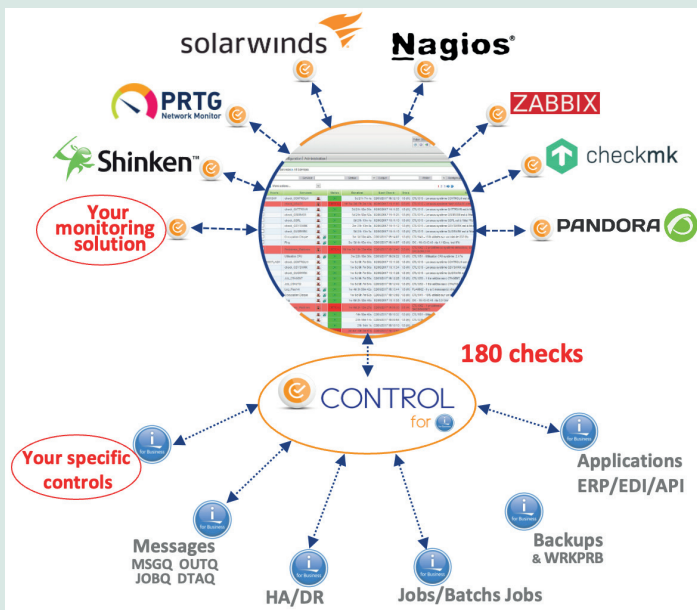
- Time saved on daily monitoring.
- For some IBM i alerts, resolution procedures that the Helpdesk can handle can be associated.
- Upgrades (patches, releases, versions) completed in minutes.
- Remote upgrade (versions and keys) of agents from a single PC.

## EXTREMELY WIDE COVERAGE

- No more manual controls.
- No more the constraints, complexity and delays of specific tasks.
- Rich functionality (180 unit controls).
- Quick adaptation by simply modifying the settings.
- Improved relevance and granularity in IBM i control.

## IN SOME SPECIFIC CASES

- If you have already developed your own specific controls, you can simply integrate them into Control for i and create new commands (templates and documentation supplied).
- M81, the editor, IBM i specialist, is at your disposal for any new needs you may have.



## MESSAGE ANSWER MODULE

- Control of message queues, Job Logs, BRMS and QHST messages
- Possibility to trigger automatic actions based on messages type, content, context and scenarios

## MONITORED AREAS

- ▶ Hardware, System, Backups
- ▶ High availability
- ▶ Subsystems, Jobs, Batches
- ▶ Applications, ERP, MQ Series
- ▶ JOBQ, OUTQ, DTAQ queues
- ▶ Messages, MSGQ
- ▶ Logs (System, BRMS, ...)
- ▶ ...

## TECHNICAL INFO

- IBM i V7R3 and higher (V5R4 to V7R2: please consult us)
- Only 1 plug-in and 1 port to open (configurable)
- Proprietary exchange protocol
- Multi-threaded controls and really fast execution (avoids false positives)
- Supports the 'satellites' available in some monitoring tools
- Works with stakeholder solutions in SaaS mode



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