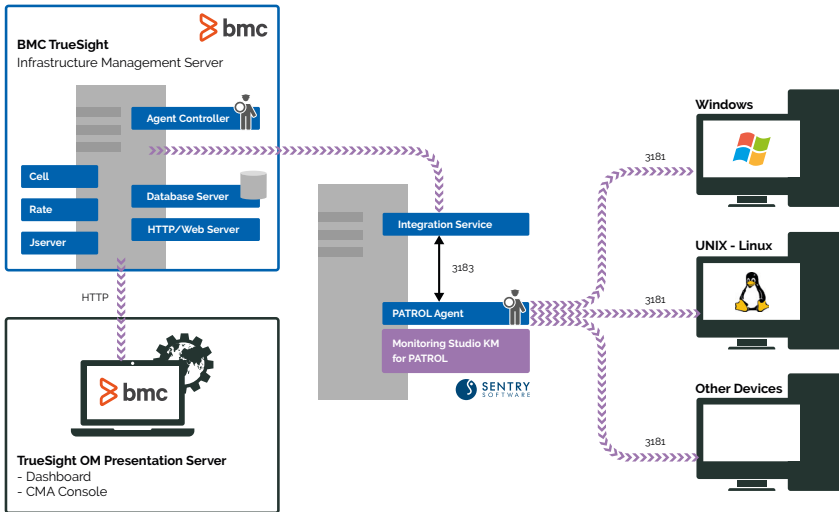


MONITORING STUDIO

Sentry Software Monitoring for BMC TrueSight Operations Management



TECHNICAL DATASHEET

Architecture diagram for Monitoring Studio KM for PATROL

MAIN FEATURES

Monitoring Studio provides the following monitoring tools:

| | | | |
|--|--|---|--|
| COMMAND LINE * <ul style="list-style-type: none"> Execute commands on: <ul style="list-style-type: none"> Windows UNIX Linux systems Analyze their output Verify their execution time and status | DATABASE QUERY* <ul style="list-style-type: none"> Execute SQL queries on: <ul style="list-style-type: none"> Microsoft SQL Server MySQL Server Oracle Database server PostgreSQL databases Analyze their output Verify their execution time and status | FILE* <ul style="list-style-type: none"> Monitor log and flat files Keep an eye on their content, growth, and timestamp Be informed when critical files go missing | FILE SYSTEM <ul style="list-style-type: none"> Monitor file system usage and growth Report on the available capacity, the percentage of available inodes, and the consumed capacity growth (speed and percentage) |
| FOLDER <ul style="list-style-type: none"> Monitor folders usage, size, growth, and flow Be informed when folders go missing Verify the age of the newest and oldest file | MULTI-PARAMETER FORMULA <ul style="list-style-type: none"> Monitor all the KMs loaded in the PATROL Console Extract parameters' values, compute them, and perform additional operations (units conversion, correlation, etc.) | NAGIOS <ul style="list-style-type: none"> Integrate and monitor Nagios Plugins execution results directly in BMC TrueSight Operations Management Import an entire Nagios configuration and extend your monitoring experience in a few clicks | PROCESS <ul style="list-style-type: none"> Verify the presence of processes on: <ul style="list-style-type: none"> Windows UNIX Linux Verify the: <ul style="list-style-type: none"> number of processes, handles, page faults, threads page file used by the process processor time process status working set |
| SNMP POLLING <ul style="list-style-type: none"> Poll SNMP agents and retrieve data from single OIDs or SNMP tables Verify execution time and status | SNMP TRAP <ul style="list-style-type: none"> Listen for SNMP traps Be informed when SNMP Trap is received Report on the number of matching SNMP traps | WBEM QUERY* <ul style="list-style-type: none"> Execute WBEM queries to a system Analyze their output Verify their execution time and status | WEB REQUEST* <ul style="list-style-type: none"> Send HTTP requests to Web servers (HTTP GET, HTTP POST, or Web service methods) Specify the information to be retrieved from the Web page Analyze HTTP requests output Verify their execution time and status |
| WINDOWS EVENT LOG <ul style="list-style-type: none"> Monitor Windows Event logs posted by your technology Report on the number and rate of matching Windows events List all matching events | WINDOWS PERFORMANCE COUNTER <ul style="list-style-type: none"> Monitor any commercial Windows-based technology or any custom technology relying on a Windows-based middleware Collect information about objects (processors, threads, processes, memory, etc.) present on a Windows server | WINDOWS SERVICE <ul style="list-style-type: none"> Monitor Windows services Verify their status and details | WMI QUERY* <ul style="list-style-type: none"> Execute WMI queries on your system Analyze their output Verify their execution time and status |

*Advanced features (string search, numeric value extraction and value map) are available for these monitoring tools.

SUPPORTED TECHNOLOGIES

Any technology (application, server, device, etc.) for which there is no out-of-the-box monitoring solution.

SUPPORTED CONFIGURATION

OPERATING SYSTEMS

- Microsoft Windows
- UNIX or Linux-based; including Solaris, HP-UX, IBM AIX, RedHat Linux, SUSE Linux, VMWare ESX Host

LOCAL AND REMOTE MONITORING

Monitoring Studio can be configured to monitor any technology locally and remotely. Remote monitoring supports the following combinations:

| | WINDOWS TO WINDOWS | UNIX TO WINDOWS | WINDOWS TO UNIX | UNIX TO UNIX | WINDOWS TO OTHER | UNIX TO OTHER |
|--|--------------------|-----------------|-----------------|--------------|------------------|---------------|
| COMMAND LINE ANALYSIS | ✓ | | ✓ | ✓ | ✓ | ✓ |
| DATABASE QUERY ANALYSIS | ✓ | ✓ | ✓ | ✓ | | |
| FILE MONITORING | ✓ | | ✓ | ✓ | ✓ | ✓ |
| FILE SYSTEM MONITORING | ✓ | | ✓ | ✓ | | |
| FOLDER MONITORING | ✓ | | ✓ | ✓ | ✓ | ✓ |
| MULTI PARAMETER-FORMULA MONITORING | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| NAGIOS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PROCESS MONITORING | ✓ | | ✓ | ✓ | | |
| SNMP POLLING & TRAP MONITORING | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| WBEM QUERY ANALYSIS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| WEB REQUEST ANALYSIS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| WINDOWS EVENT LOG MONITORING | ✓ | | | | | |
| WINDOWS PERFORMANCE COUNTER MONITORING | ✓ | | | | | |
| WINDOWS SERVICE MONITORING | ✓ | | | | | |
| WMI QUERY ANALYSIS | ✓ | | | | | |

PREREQUISITES

CONSOLE SYSTEMS

- PATROL Consoles
- BMC TrueSight Operations Management
- BMC ProactiveNet Performance Management
- BMC ProactiveNet Central Monitoring Administration 9.5 or higher

PATROL AGENT

- Monitoring Studio KM for PATROL supports any version of the PATROL Agent.
- TrueSight Operations Management - Monitoring Studio supports PATROL Agent v9.5.00 and higher.

JAVA

- Java 1.8 or higher and a Java Runtime Environment (JRE) to be installed on the same system that runs the PATROL Agent.



ABOUT SENTRY SOFTWARE

Sentry Software, a BMC MarketZone Direct and Technology Alliance Partner, provides monitoring solutions that expand and enhance the capabilities of BMC TrueSight Operations Management, thus enabling up to 100-percent coverage of any infrastructure. Sentry Software specializes in single solutions for multi-platform monitoring of hardware, storage, custom applications, or any IT infrastructure component. Its products are deployed in diverse industry sectors around the globe. To learn more, please visit sentrysoftware.com/about.



ABOUT BMC SOFTWARE

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