JAM
S O F T W A R E

Server**Sentinel** v3

The Flexible Monitoring Tool for
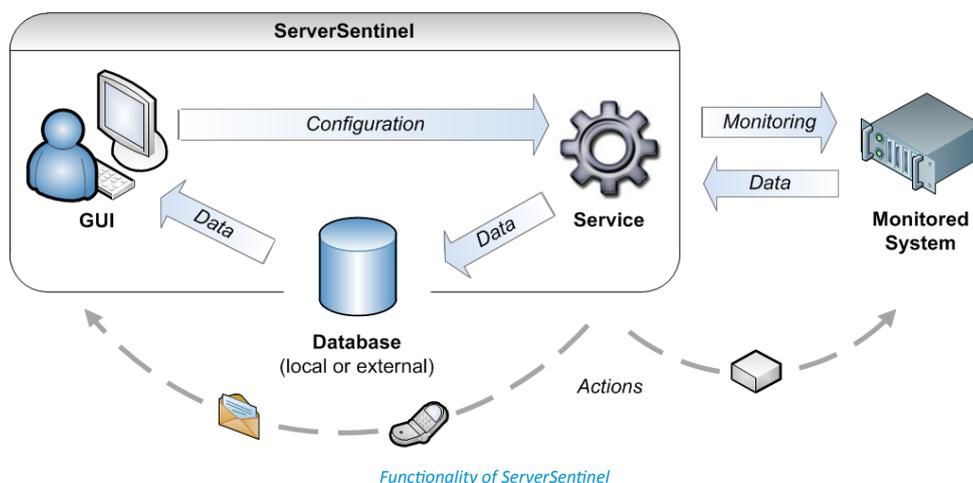Your Servers and Network Services

Servers and network services play a central role in the infrastructure of a company. A failure can quickly lead to high costs. A quick reaction to critical system states is the only way to prevent breakdowns.

ServerSentinel monitors servers and network services as well as local resources automatically and reliably. The monitoring software promptly reacts and notifies in case of malfunctions and irregularities. This minimizes server downtimes and increases the availability of monitored systems. Even physical sensors (e.g. a temperature sensor) can be connected to ServerSentinel.

The ServerSentinel system service runs in the background and regularly performs configured requests. As all measurement results are automatically protocolled and archived in a database, thus allowing subsequent analysis of system failures or performance bottlenecks.

Main features of ServerSentinel

> Monitor servers and network services (e. g. HTTP, POP3, FTP)

> Check hard disk or memory usage, CPU load & directory properties

> Monitor room temperature and humidity

> Monitor and manage network devices via SNMP

> Define checking interval and threshold values

> Get notified via email, text message, acoustic or optical warning signal

> Automatically run scripts or programs in case of critical system states

ServerSentinel

Configuration · GUI · Service · Monitoring · Data · Data · Data

Monitored System

Database
(local or external)

Actions

Functionality of ServerSentinel

test. buy. enjoy.

www.jam-software.com/serversentinel
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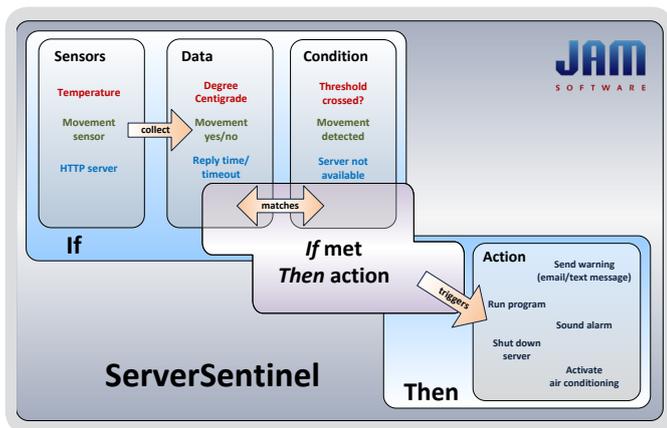
Adjustable Raw Data Table

ServerSentinel displays all data collected by the sensors in a detailed table. Red markings signify that a sensor has detected an error. Entries highlighted in orange denote that the sensor is in "critical condition" (for example that the sensor is malfunctioning). All sensor data can be grouped or filtered.

Precise Failure Analysis

Analyzing errors is an important task. Failure analysis can help prevent errorr. ServerSentinel can help you with its chart view.

The chart view presents all data gathered by a sensor in a graphical overview. Here you can see when an error first occurred and determine at a glance whether it was a permanent condition or just a one-time occurrence.

ServerSentinel: your versatile if-then-machine

A Wide Range of Sensors

ServerSentinel is comes with a set of predefined sensors. Of course you can configure each sensor to match your local requirements.

> **Server and network sensors** increase your network's reliability and facilitate continuous monitoring of servers, local computers, and other network devices.

> Use the **windows sensors** to monitor running windows systems at all times.

> Ensure optimal performance of your email servers with the integrated **email sensors**.

> **Hard disk sensors** monitor content as well as physical status of your hard disks.

> **USB sensors** facilitate monitoring of environmental influences such as temperature and humidity.

Compatible Hardware

You can order compatible hardware in combination with your Version of ServerSentinel in the **JAM Software Online Shop**.

> USB Temperature Sensor/USB Temperature and Humidity Sensor

> Switchable USB Power Socket

> USB Contact Sensor (1 Channel/16 Channels)

> USB Signal Light

Configurable Actions

ServerSentinel is best described as an if-then-machine: if a certain condition is met, the software will trigger a predefined action. ServerSentinel offers a wide choice of actions. Of course you can alter them to fit your specific needs. These actions include (but are not limited to):

> Notification of one or many recipients via email or test message

> Acoustic and/or optical (e.g. via a USB Signal Light) warning signal

> Run scripts or programs

> Manage system services

> Switch device on or off via a USB Switchable Power Socket (short interruptions are also possible)

All settings can be exported and imported. This way existing configurations of sensors, conditions and actions can easily be saved, restored or migrated.

System requirements

Supported Operating Systems:

Windows 10/8.1/8/Windows 7/Vista/XP	(32 Bit / 64 Bit)
Windows Server 2012/2008 R2	(64 Bit)
Windows Server 2008/2003	(32 Bit / 64 Bit)

Microsoft .Net Framework 3.5 is required

Supported Databases:

Microsoft SQL Server 2000 - 2008 R2

MySQL 5.1 and 5.5

SQLite

Please **visit our website** for **more information** and a **free & fully-functional trial version of ServerSentinel.**

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