centreon
software factsheet

Centreon
Industry-grade IT monitoring
in a robust OSS* platform

*open source software

Centreon may seem like the monitoring industry's best-kept secret but in truth, IT and open source geeks have been fans for close to a decade!

System administrators, network engineers, ITOM teams and over 100,000 of their peers know Centreon is the only robust and functional industry-grade open source monitoring they can trust.

Savvy enterprise users who want the Nagios® inspired concepts of powerful flexibility without its complexity, readily embrace the simplicity and scalability of Centreon for comprehensive IT availability and performance monitoring.

5 unbeatable reasons for Centreon

SETUP READY; fully incorporating CentOS, system components and interdependent elements associated to RHEL systems – all packaged using RPM format; includes essential SNMP plugins.

SCALABLE; integrate with additional sites, devices and their dependencies while maintaining homogeneous monitoring over distributed operations – covering up to 500,000 service checkpoints.

UNLIMITED; expand to as many IT assets and sites as needed (no host or device limit).

COMPREHENSIVE; operationally robust platform that includes pre-configured components and logical parent-child object hierarchies plus a user-friendly web console for wide or granular tracking.

FREE; install and deploy within minutes – no holds barred.

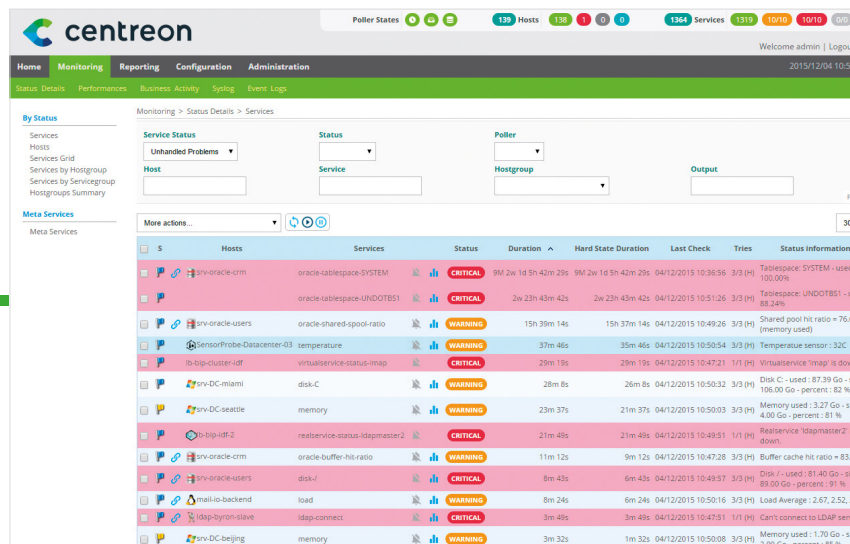## Plus 5 extra reasons to do more with less

Seamless deployment & effortless monitoring coverage with Centreon's vast catalogue of plugin packs covering 150+ domains (check out Centreon EPP).

Easily convey information with full topology and graphical displays, plus intelligence reporting, using integration-ready software modules (check out Centreon Map, Centreon BAM and Centreon MBI).

Avoid data loss with an automatic back-up mechanism for the entire Centreon monitoring database, plugins and pollers.

Responsive enterprise level technical support plus rich open source contributions to ensure bug fixes and robustness.

On hand monitoring expertise and services e.g. consulting, audit, migration, quick set-up, performance optimization, customization, etc.

A complete IT monitoring platform

From an early purpose of making Nagios® easier to use and manage, **Centreon** has since grown into its own as a robust industry-grade monitoring platform for any digital and IT-savvy company.

Modular and open, Centreon's comprehensive monitoring platform features three major open source software components, fully optimized to work best together: **Centreon Engine, Centreon Broker** and **Centreon Web**. A native API facilitates automated configuration; for instance to add, delete or update host and service objects, as well as to synchronize them or to restart a remote monitoring poller.

Centreon Engine is a powerful data collection system of universal monitoring indicators for major OS, servers, infrastructure assets and resources. It covers extensive system metrics, network equipment, protocols, applications and services.

Initially developed on Nagios® 3.2.3, *Centreon Engine* provides monitoring continuity for users of Nagios® environment and similar open source protocols but with performance and functionalities that outperforms the industry's open source best. This is particularly true in terms of resource efficiency, consumption footprint and integration with existing systems in cloud and virtual machines.

All that's needed to run *Centreon Engine* is a Linux machine or a Unix variant with network access.
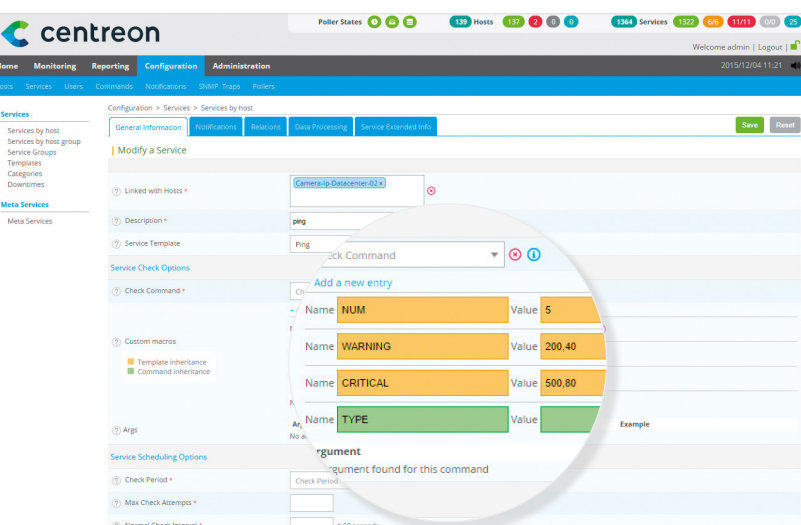
What customers like...

"The scaling possibilities for a large enterprise and the ease of use for distributed monitoring with a centralized user interface."

"Possibility to adapt the solution to our changing needs."

"With the implementation of Centreon, the time needed for analysis of our infrastructure problems has been significantly reduced."

Source: 2015 Centreon™ customer survey

Centreon Broker is the multiplexer that ensures smooth and autonomous data transmissions to the monitoring console while treating events and analyzing relevant correlations. It has been benchmarked to process up to 500,000 service checks every 5 minutes, hosted with one instance of daemon broker – one of the most extensive in the industry.

This Centreon innovation enables a failover mechanism in case of drop links to guarantee no data loss for Centreon monitored environments. It also offers an effective way of storing and communicating monitored results through a central and autonomously structured database with security encryption functionalities that are aligned to DMZ.

Centreon Broker is compatible with backend databases such as MySQL, MariaDB, RRDTool and InfluxDB.

Centreon Web is the universal monitoring console providing concise operational views that's easy to understand and manage. System administrators, network managers, operations team or IT decision-makers instantly get a handle on their global monitored environment with the consolidated friendly interface, simple dashboards, commands, and on-screen widgets to display information.

Keeping tabs on status transmission, network traffic, events and performance logs, historical log data, server transactions, etc. becomes effortless for reliable round-the-clock monitoring.

Get started
on Centreon **right away**!
FREE **Download**

Or contact us for Centreon's enterprise solution:

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