

Microsoft Visio Customer reference



Monitoring a SharePoint environment

«Visio Services enable us to visualise operating metrics for our SharePoint environment in near real time. We now have an immediate overview of memory usage and performance peaks.»

Boris Ovcak, Director Business Process Automation

Customer profile

Campana & Schott is an international consulting company for project management and process optimisation with 200 employees at nine sites. With a successful combination of management and technology consulting, the company improves and automates business processes utilising innovative information technology. Experienced project management experts implement the IT, product, or corporate strategy of Campana & Schott's customers.

Current situation

- Extensive SharePoint environment consisting of six server farms with 17 servers
- Dispersed management of individual functions such as the intranet portal and the website

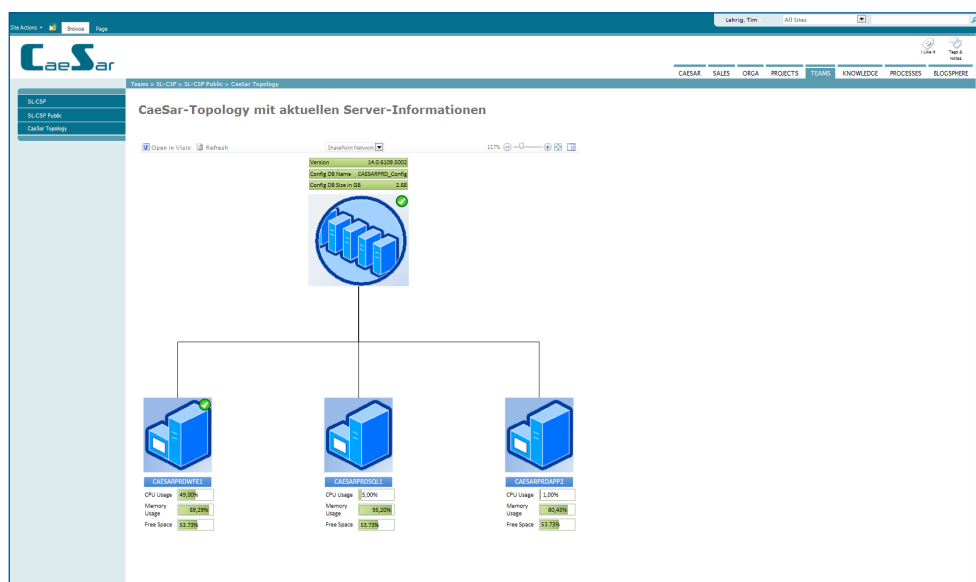
Solution

Establish a monitoring system based on Microsoft Visio Services to monitor the individual server farms within the SharePoint environment.

Results

The monitoring report containing live data is embedded directly in a SharePoint intranet to provide an instant, intuitive overview of the server farms' health status.

Campana & Schott had been using SharePoint for years for content management, knowledge management, automated project proposals, and collaboration in project teams. However, it wanted to improve the performance and robustness of its environment. To do that, it required a system to monitor the health status of its six server farms.



Monitoring with overviews of CPU usage, memory usage and free space

To enable efficient monitoring, Campana & Schott needed a flexible, distributed solution that would scale as its server farms grew and would readily adapt to specific requirements. It found an easy-to-implement solution that fitted the bill: a combination of Visio Services, the Network Topology Diagram Add-In and the data collection timer job.

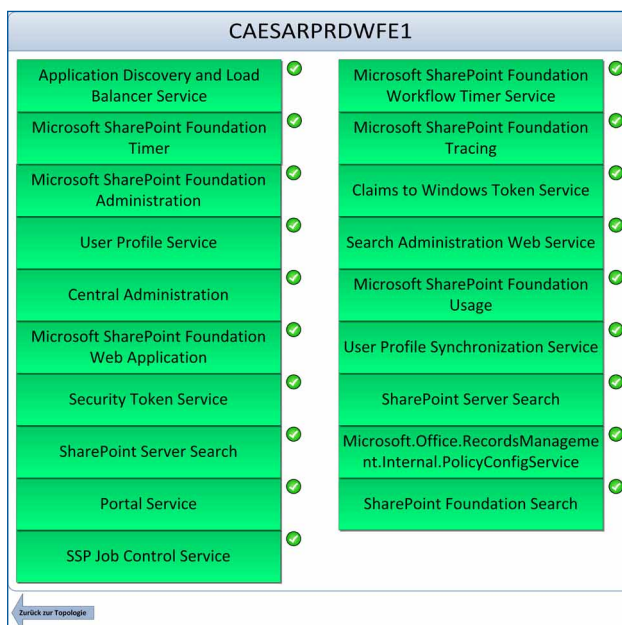
The tool visualises status data in near real time. First, the servers in the SharePoint farm are grouped by type (web frontend, application server or database server). The tool then formats and presents key operational metrics (CPU, memory and hard drive usage) for each server. Users can drill down to more detail in various views that display current data on running services. To improve clarity, these detail views only show the main services and are linked directly to the server shapes on the entry page, which helps to make navigation simple and intuitive.

Microsoft Visio Customer reference



«To keep growing, we need to be able to respond quickly to changing requirements. For us, the SharePoint-based monitoring system was an ideal choice since it was not only future-proof, but also highly scalable.»

Boris Ovcak,
Director Business Process Automation



Overview of services with Network Topology Diagram Add-In

The live monitoring reports embedded directly in the SharePoint intranet can now be accessed by users as well as administrators. They provide an immediate, intuitive overview of the status of the server farms. Performance peaks and server loads are presented in an easy-to-understand format, making it easier to manage and optimise server loads and overall performance and thus improve robustness. At the same time, the ability to easily view monitoring reports on the intranet helps users understand the processes, use the servers more efficiently and be more satisfied with their SharePoint environment.

Facts and figures

Project duration: 10 business days

Workstations: Used by 200 workstations

Improvements:

Improved performance and robustness thanks to an easy-to-understand monitoring report populated with live data. Visualisation of status data in near real time. Reports that are easy for users and administrators to use and navigate.

- Instant overview of real time report data for the entire server farm
- No need for additional software clients
- Default functionality without a need for custom development

Microsoft Schweiz GmbH

Richtstrasse 3
8304 Wallisellen
Phone: +41 (0) 848 22 44 8
Fax: +41 (0) 43 456 44 44
www.microsoft.ch

Software und Services

- Microsoft SharePoint 2010
- Microsoft Visio 2010
- SharePoint Network Topology Add-in
- SharePoint Topology Data Collection Timer Job