

# SYSKOPLAN PERFORMANCE DASHBOARD FOR SAP BI

In many cases long response times and inaccurate reports are the cause of missing user acceptance of Business Intelligence systems. The solution of this problem is easier said than done, as there is often a lack of problem analysis. A BI system is usually not isolated but has many interfaces and dependencies with other components and applications. To monitor such an environment, to analyze problems and locate sources of error – that is the task of the syskoplan Performance Dashboard for SAP BI.

## THE CHALLENGE

In monitoring a multi-component system landscape one often finds that the reasons for too long response times, high system utilization of a single system or even misinformation cannot be found by considering an isolated instance. Rather, it is the overall consideration of the interplay and dependencies of several components that enable an analysis. It will be even more difficult, if in addition to the technical operational complexity you have business complexity in the form of applications and processes.

Such a scenario inevitably exists by using an SAP NetWeaver Business Intelligence system. Through the interaction of the BI system with multiple SAP and non-SAP components there are not only business process but also technical dependencies. Thus, for example, a report can produce false information, because the heavy load of another system caused data to be provided too late or not at all.

## THE SOLUTION

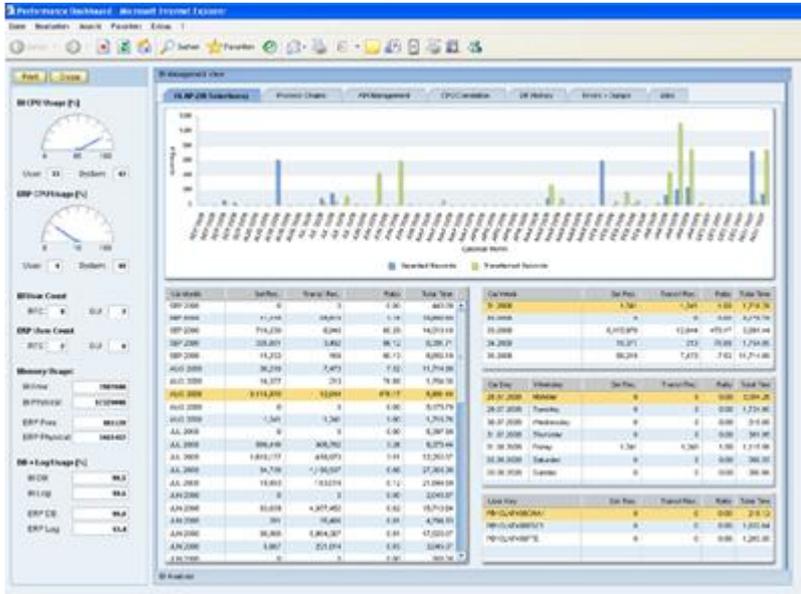
To simplify system monitoring and error analysis in such an environment the syskoplan Performance Dashboard for SAP BI should be used. The syskoplan Performance Dashboard for SAP BI uses information from SAP NetWeaver BI, from SAP and Non-SAP systems to analyze performance or capacity problems. In addition, technical and process dependencies are considered and shown to the administrator via a central monitor. Problems can be detected early, analyzed and solved. The response time and quality of the data for the end user will be improved.

## YOUR BENEFITS

The syskoplan Performance Dashboard for SAP BI can be customized and extended according to your specific needs.

The syskoplan Performance Dashboard for SAP BI includes three main views:

- Realtime View
- Management View
- Analysis View



**REALTIME VIEW.** This view represents the current system state. For each BI and OLTP system different performance parameters are displayed. Thus not only the current status, but also the dependencies between BI and OLTP (for example in the case of data extraction) are shown.

Available standard parameters:

- Current CPU: usage for each CPU or average value for all CPU's,
- Current memory usage (free memory, physical memory, page I/O),
- Current number of logged on users,
- Size of database and logfiles.

**MANAGEMENT VIEW.** This presentation serves the medium and long-term view of the system behaviour. For an adjustable period anomalies, dependencies and trends visualized. Appropriate measures can be taken before performance bottlenecks or system downtime arise ("early warning system"). An easy navigation allows the detailed view of a specific event or time. All relevant parameters and evaluations will be clearly presented on one single screen. The various options are selectable via tabs.

Available options:

- Query runtimes: Analysis of read records, transferred records and their relation,
- Process chain analysis: Analysis of runtimes for each data source, dependencies on runtime and data volume,
- Warehouse management runtimes: Analysis of process types, process steps, data sources,
- CPU correlation between BI and OLTP systems: Analysis of dependencies on source and target systems.

**ANALYSIS VIEW.** Based on the information obtained from the management view flexible reports allow a more detailed analysis. The full functionality of the SAP BI WebReporting is available here.



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