DBPLUS™
better performance

DBPLUS Performance Monitor™
for Oracle® & Microsoft™ SQL Server®

A modern system for precise database performance

monitoring and analysis

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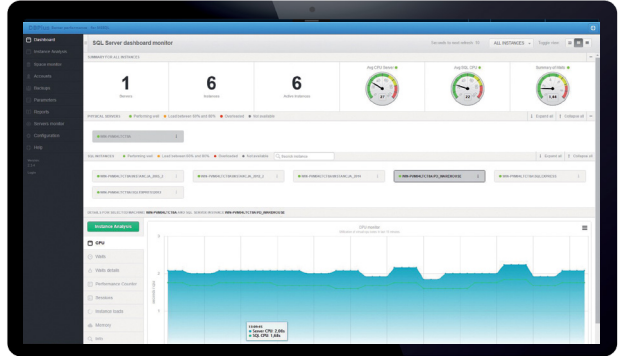## A modern system for precise database performance monitoring and analysis

One of the main problems for efficient IT service delivery is maintaining sufficient performance of IT systems. Very often, the only answer to performance problems is further investment in larger, more powerful servers, but that does not always produce the expected results, despite the high expenditure incurred. Instead of investments in hardware, performance problems can be much better solved by appropriate database tuning. In order to know where to apply tuning within the database, you need to locate bottlenecks and understand their causes.

DBPLUS Performance Monitor™

DBPLUS Performance Monitor™ is a modern software tool for Oracle® and Microsoft™SQL Server® database performance monitoring and analysis. It is a very comprehensive software tool which shows performance issues in a very clear way and is also able to pinpoint the root cause of the issue precisely.

Intuitive user interface

Due to its intuitive interface, the tool is widely used not only by DBAs but also – different members of IT departments e.g. developers or application administrators, thereby facilitating cooperation within the organization and speeding up problem resolution.

Unparalleled ergonomics

The user can get straight to the root cause of the performance problem within just a few clicks. The outstanding ease of use of the Performance Monitor distinguishes it from its competitors.

Negligible load for monitored databases

The system does not install any software on the monitored databases. At 15 min. intervals it logs into the monitored databases and gathers performance statictics. The load it produces for monitored databases is unnoticeable.

Web-based user application

The architecture of the application uses IIS web server to allow multiple users to access the application via a web browser. This significantly quickens deployment of Performance Monitor within the organization, as there is no need to install any client software on users' workstations. Regardless of the number of application users, it does not create any more load for the monitored databases.

Historical trend analysis

This tool allows performance comparison with previous periods or the baseline within a very broad range of dates – freely selected from the moment the system starts monitoring until present time. It allows verification of whether certain SQL queries which are causing bottlenecks now were behaving differently in the past. You can examine long-cycle trends to prevent performance problems in the future.

Focusing on the root cause of the problems

The whole philosophy of the tool is centered around finding the root causes of performance problems. The system allows for the easy comparison of data and has different cross sections, which enables quickly finding problematic SQL queries and understanding why they are causing performance issues.

No more finger pointing

The user receives an instant insight into whether the problem is on the side of an application, the database server, the database itself or its disk system. Using this tool will once and for all end disputes between suppliers who argue that the performance problem lies elsewhere.

Upgrades and migrations

Performance Monitor allows you to quickly locate new SQL queries and changed execution plans for old queries which are the most probable source of the problems after the migration.

Up to 80% less data reads

The vast majority of performance problems are caused by reading information from disk devices taking too long. Experience shows that use of our tool allows for a decrease of data reads by up to 80%.

„Unlimited" licensing

Monitoring a large number of databases can create substantial costs attached to the licenses of monitoring software. DBPLUS offers large customers an „unlimited" license, which is extremely attractively priced and can be negotiated individually.

Full monitoring of Oracle® SE*

To have full monitoring, you don't need to spend money on anything but the Standard Edition of Oracle®. No Tuning Packs required. Performance Monitor works exactly the same way with the Enterprise Edition and the Standard Edition.

In-depth analysis of latches*

Performance Monitor allows for very precise analysis of the root causes of problems with latches. Several other tools enable the analysis of waits, but the ability to analyze latches makes Performance Monitor a much more powerful tool.

* Specific for Performance Monitor for Oracle®

check out → www.dbplus.tech

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Key features

All details of every SQL query in the database, with full information about execution time, CPU, memory, I/O usage, etc.

Quick search of SQL queries cause the greatest load on the database

Very long history for each SQL statement with fully customized viewing period

Easy-to-use change plan finder for easily locating changed and ineffective execution plans

Easy-to-use new statements finder for easily locating new SQL queries

Highly customizable charts showing data in many different cross-sections

Thorough analysis of waits and latches. Advanced trends analysis for predictive database tuning and capacity planning

Dashboard allowing monitoring multiple instances from one location

Alerts via email when levels of certain parameters reach set thresholds

Exactly the same user interface for versions for Oracle® and SQL Server®

Get quick answers to the following questions

Is it possible to optimize the database?

In what order should SQL queries generating performance problems be optimized?

Did problematic SQL queries exist in the database previously and has that already led to performance problems?

Is the performance problem related to the database, CPU, I/O or perhaps configuration of the IT infrastructure?

What is the cause of a greater number of I/O operations?

Is the disk array that supports the database running efficiently?

What was the database load over the years?

Why there are waits on latches in the database?

How to solve problems with latches?

Technical specification

Monitors Oracle® 10.2 and above and SQL Server® 2005 and above databases

DBPLUS Performance Monitor™ repository: Oracle® or SQL Server®

DBPLUS Performance Monitor™ server runs on Windows® Server® 2008, 2012 or 2016 or Windows® 7/8/10 with IIS service and .NET® 4.0 Framework

No client software required; supported browsers include Internet Explorer®, Chrome™ and Firefox®

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