

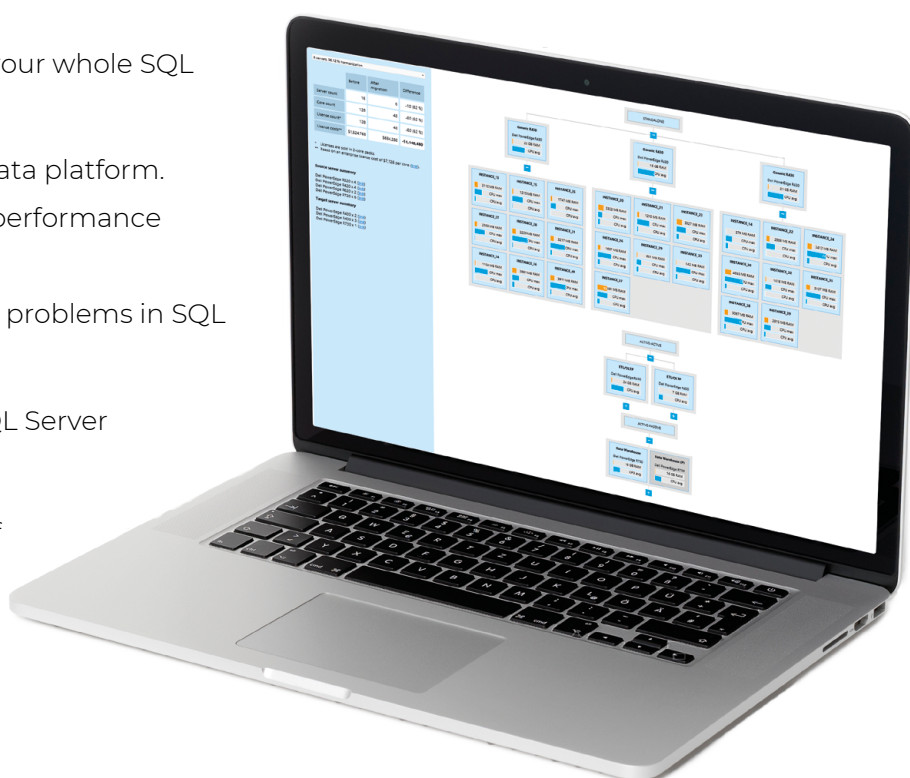
SQL Governor®—performance management and capacity planning for Microsoft data platforms.

SQL Governor is the only software on the market to offer **both performance management and capacity planning features**. It is ideal for helping to proactively alert about problems in order to fix them. Instead of only focusing on the history and current state of the platform, the software has also unique capacity planning capabilities for on-premise and cloud migrations and consolidations in an automated and fact-based way.

Proactive Microsoft SQL Server optimization powered by machine learning

With SQL Governor software, you can:

- ◆ achieve comprehensive visibility to your whole SQL estate.
- ◆ diagnose the health status of your data platform.
- ◆ proactively monitor the SQL Server performance counters and T-SQL queries.
- ◆ find, solve and prevent performance problems in SQL Servers.
- ◆ manage and plan the capacity of SQL Server platforms
- ◆ boost and automate the planning of on-premise and cloud migration, consolidation and right-sizing of SQL Servers and instances.



SQL Governor's loosely coupled agent architecture makes its data platform very robust – from smaller installations to massive installations. SQL Governor server core components run under Windows Service host, making it easy to manage and monitor the SQL Governor server and services. REST-based integration architecture between SQL Governor and SQL Governor proxy service enables the data transfer operations across the domains. SQL Governor uses the standard Windows Diagnostics API and DMVs with a minimal performance footprint on client servers, scaling up to very large SQL Server platforms. SQL Governor supports capacity planning to Azure and AWS IaaS environments in addition to physical and virtual on-premise server platforms.



Key Features

Monitoring

SQL Governor software allows you to monitor data platform 24/7 in real-time to effectively identify the root cause of performance problems. SQL Governor supports 64 performance counters to give you essential information. Wait statistics can be analysed continuously to see which SQL Server resources and T-SQL queries are in heavier use. Resource bottlenecks are identified by pinpointing the resource-intensive T-SQL queries in the plan cache. Blocking T-SQL batches and statements are easy to find. Behavior of the physical volumes per server is being monitored. T-SQL query anomaly detection predicts the future resource bottlenecks on problematical databases.

Capacity Planning

Planning the future capacity for SQL Servers in migration or consolidation situations is a slow and complicated process. SQL Governor automates and streamlines this process with our internationally patented methods.

SQL Governor supports capacity planning for both on-premises and cloud environments, including any physical or virtualized server setup as well as Nutanix, Azure and AWS data platforms.

SQL Governor calculates the optimal capacity for your target data platform, resulting in remarkable cost savings and a more robust target platform. SQL Governor supports server-, instance- and database level consolidation in addition to server right-sizing. In server-level consolidation, existing physical servers are virtualized under a new physical hosts to increase performance and reduce licensing costs. In instance level consolidation, existing SQL Server instances are automatically organized into an optimized target server setup.

Warnings & Alerts

Let SQL Governor automatically identify your monitoring baselines. Customize performance counter alert and warning levels and get alerts to your e-mail. Identify and predict platform disasters and minimize downtime with various proactive alerts such as anomaly detection and pattern recognition.

SQL Query Tracing

Get detailed profiling data by running and diagnosing lightweight traces from T-SQL queries running on client SQL Servers. Trace data allows you to identify which queries are using the most resources

Diagnostics & Health Check

With SQL Governor, you can automate your diagnostics process regarding SQL Server wait statistics, indexes, instance configurations, database options and more. Identify unused indexes and the most critical missing and fragmented indexes to focus on the essential.

Capacity Management

SQL Governor makes it possible to understand that for how long in the future the system will have sufficient resources.

The capacity management features allow you to monitor that the capacity limits of the platform are not exceeded at any time during the lifecycle. Set service-level agreements for performance counter you want to. Connect servers, instances and databases to services and customers to manage your whole SQL Server platform with minimal effort.

Dashboard & Reports

The dashboard feature in SQL Governor gives you a real-time overview of the health of the entire system at once, perfect for displaying on a large screen. The dashboard view covers most important alerts such as physical volume forecasts, T-SQL query performance predictions and blocked queries.

Use the versatile built-in reports to find the information you need and share it with others by exporting to PDF or Excel. SQL Governor comes with 30 built-in SSRS reports. All of the performance data in SQL Governor is permanently stored into a data mart, which means that historical data is always available for querying.

