

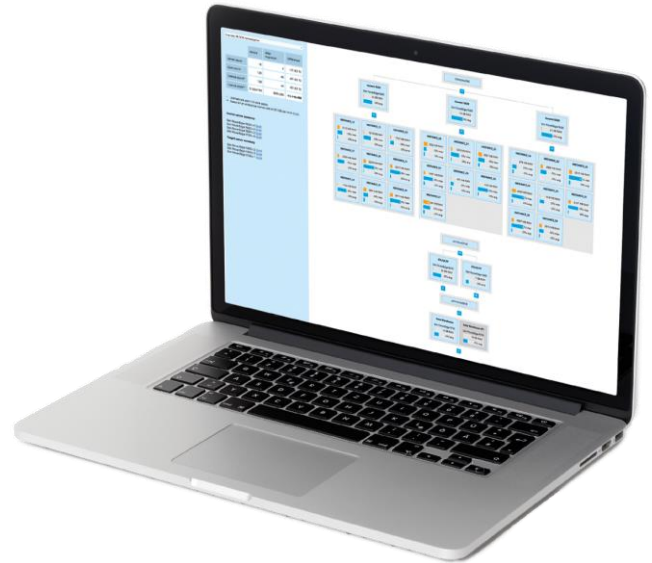
SQL Governor® — Sustainable FinOps for Microsoft data platforms.

SQL Governor is the only software on the market to offer both performance and capacity optimization features in the same package. It is ideal for managing SQL Server data assets in a sustainable and TCO-friendly way. Instead of focusing only on the history and the current state of the platform, the software has unique, internationally patented predictive capabilities.

Proactive Microsoft SQL Server optimization powered by AI.

With SQL Governor software, you can:

- ◆ achieve comprehensive visibility across your whole SQL estate.
- ◆ automate the metadata collection of your SQL Server host and VM setups.
- ◆ proactively monitor the SQL Server performance counters and T-SQL queries.
- ◆ profoundly monitor SQL Server Always On availability group health and status.
- ◆ diagnose the health status of your data platform.
- ◆ pinpoint, solve, and prevent performance problems in SQL Servers.
- ◆ automate the rightsizing and consolidation of SQL Servers, instances and databases from on-premises to public cloud environments with AI-driven methodology.



SQL Governor's loosely coupled agentless proxy architecture makes its data platform 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 monitoring and capacity planning in Azure IaaS and PaaS as well as AWS IaaS environments in addition to physical and virtual on-premises server platforms.



SQL Server monitoring

SQL Governor allows you to monitor your data platform 24/7 in real time to identify the root cause of performance problems. SQL Governor supports 62 performance counters to give you essential information about performance issues. 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 expensive T-SQL queries in the plan cache. Blocking T-SQL statements are easy to find. Physical volumes and mount points are monitored on the server level. T-SQL query anomaly detection predicts any future resource bottlenecks that might happen on problematical databases. Early warnings keep you aware of potential threats on SQL Server performance. SQL Governor supports monitoring physical and virtual on-premises workloads as well as AWS IaaS and Azure IaaS and PaaS workloads.

Always On availability group monitoring

SQL Governor provides profound support for Microsoft SQL Server Always On availability groups monitoring. With this functionality it is easy to monitor any number of Availability Groups and their states in real time.

Capacity Planning and Consolidation

Manual capacity planning for SQL Server migrations is a slow, complex, and error-prone process. SQL Governor automates and streamlines this process with our internationally patented features and makes this typically challenging task easy and efficient.

SQL Governor supports capacity planning for both on-premises and cloud environments. Physical and virtualized server setups as well as hyperconverged (Nutanix) and public cloud environments (Azure and AWS) are supported. VMware vCenter integration automates collecting host and VM performance data in your environment. CMDB API offers a configurable set of source queries to fetch the SQL Server metadata into the 3rd party CMDB software such as ServiceNow.

AI-assisted SQL Governor methods automatically calculate the optimal CPU, memory, and storage capacity for your SQL Server estate, resulting in remarkable cost savings and a robust target data platform. SQL Governor supports server-, instance- and database-level consolidation in addition to server right-sizing.

Warnings & Alerts

Let SQL Governor automatically identify your monitoring baselines. You can customize performance counter alert and warning levels and get

alerts to your e-mail. Avoid “alert overload” with our Consecutive Alert mechanism and focus on what’s essential.

You are also able to identify and predict platform disasters and minimize downtime with various proactive alerts such as regression-assisted anomaly detection, early warnings and CPU contention alerting. You can also customize any kind of SQL Server alerts.

SQL Query Tracing

You can get detailed profiling data by running and diagnosing lightweight traces of T-SQL queries running on client SQL Servers. Trace data allows you to easily identify which queries and stored procedures are using the most resources at certain time.

Diagnostics & Health Check

With SQL Governor, you can automate your diagnostics process regarding SQL Server wait statistics, indexing, instance configurations, database options, and more. Ensure you are up to date with optimal settings and see whether the values deviate over time.

Capacity Management

SQL Governor helps you understand how long your system will continue to have sufficient resources.

The capacity management features allow you to ensure that the capacity limits of the platform are not exceeded at any time throughout the lifecycle, based on your target SLAs. Set Key Performance Indicators for the service level performance counters 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, CPU contention alerts, T-SQL query performance predictions and SQL Server early warnings.

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 34 built-in SSRS reports. All the performance data in SQL Governor is permanently stored into a data mart, which means that historical data is always available for ad-hoc querying and customized reporting.

