

SQL Governor® is a revolutionary software for smarter consolidation and optimization of large Microsoft SQL Server platforms.

With SQL Governor capacity optimization, you can:

- ◆ automate the migration and consolidation planning process for SQL Server platforms
- ◆ do server right-sizing and server or instance level consolidation planning
- ◆ achieve software licensing lifecycle cost savings of up to 50%
- ◆ achieve substantial service fee and hardware cost savings
- ◆ get a more compact and manageable platform.

SQL Governor supports capacity planning for physical and virtualized (VMWare or Hyper-V) SQL server platforms.

Capacity planning

Select a set of source SQL Servers to be consolidated. Collect the performance data from the source servers.

Set the planning criteria such as metadata, server benchmarks and SLA's to guide the capacity planning.

Specify the server models you want to use in your new target platform (ideally new powerful models, or alternatively current models).

Create mappings between source servers, instances and target server models.

Generate a consolidation plan automatically for optimal hardware utilization.

Review the results in a graphical or report form. Get a clear understanding instantly what is the optimal way to consolidate the servers and instances in your case.

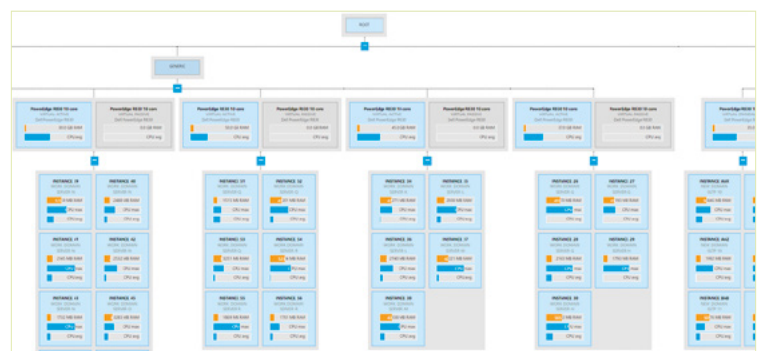
Get advanced trend forecasts and storage calculations.

Capacity management

Predict the platform's lifecycle with long-term capacity management – save pure money by knowing how far into the future your SQL Server platform will function safely without compromising the service level.

Configure your own SLAs – set service-level agreements for any performance counter you want to and follow how they develop over time.

Connect servers, instances and databases to services and customers to manage your whole SQL Server platform with minimal effort.



Performance optimization

SQL Governor has complementing features for continuous analysis and optimization of SQL Server platforms, such as:

- ◆ performance diagnostics and system health checks for identifying performance bottlenecks
- ◆ 24/7 analysis of all servers, instances and databases
- ◆ real-time and predictive warnings and alerts
- ◆ profile tracing for in-depth analysis of database activity
- ◆ a dashboard for viewing the entire system at once, including blocking queries, plan cache and volume tracking.

Figure: Example of SQL Governor Performance Optimization Dashboard.



Non-functional features

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.

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