



Westbrook Technologies' Professional Services

Performance Review and Optimization

The technology industry continues to grow at extraordinary rates, and as a result, so are corporate infrastructure requirements, including the size of networks, database stores, addition of software packages to manage everything from financial and accounting responsibilities to document management. Managing the performance of these applications over larger, more complex networks becomes a challenge.

Westbrook Technologies understands that obtaining an across-the-board, peak performance is of paramount importance to every business. Not only does performance impinge on productivity, it can also disturb daily business processes. As a result, these underlying, unseen performance issues can severely affect your investment.

To combat these problems, Westbrook Technologies' Professional Services has designed a specific service centered on database tuning which can ultimately increase performance of the entire **Fortis** system. Utilizing SQL Server based tools and utilities our consultants can analyze daily user events, workload, problem queries and monitor overall SQL performance.

Upon interpreting the data, the consultant can then fix and optimize database indexes to perform at a greater level. For example, the consultant can monitor a production environment to see which queries or stored procedures are hampering performance by executing too slowly.

Performance Review and Optimization includes any variation of the following:

- Monitoring the performance of each **Fortis** SQL Server database. If databases are spread across several instances, monitoring performance levels of each instance.
- Identifying slow-executing queries.
- Troubleshooting problems in SQL Server by capturing events on a production system and replaying them on a test system.
- Auditing and reviewing activities that occurred on a SQL Server instance running **Fortis**.
- Recommending the best mix of indexes for a database given a workload, by using the query optimizer to analyze the queries in the workload.
- Analyzing the effects of the proposed changes, including index usage, distribution of queries among tables, and performance of queries in the workload.
- Recommending ways to tune the database for a small set of problem queries.
- Allowing you to customize the recommendation by specifying advanced options such as disk space constraints.

These measures and analyses take the guess work out of complex performance slowdowns. Working closely with your IT staff, our experienced team of Professional Services consultants defines a benchmark and quantifies the net affect on user performance.

By employing Westbrook Technologies' Performance Review and Optimization, you receive a custom benchmark report and performance analysis.

Please contact Westbrook Technologies' Professional Services at 203 483 6666 for details.



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