Case Study: Mechanical Dynamics And Analysis

"My previous experience with Ignite was in a similarly high-loaded transactional environment. Ignite was essential in diagnosing bottlenecks in data layers."

"It tracks usage and pinpoints causes of problems in ways that I can't image we would be able to determine with any other tools. Built-in SQL Server tools like profiler and query plan analysis would not be able to replace the view that DPA gives us."

Challenges

- Purchased DPA to:
    - Improve end-user response time (application performance)
    - Improve database performance
    - Accelerate root-cause identification for performance problems
    - Monitor overall health of our databases and be alerted when issues arise
    - Help database professionals spend less time looking for problems inside the database

Use Case

- Platforms:
    - Windows
    - VMWare
- Database engines:
    - SQL Server

About SolarWinds Database Performance Analyzer

Quickly identify and resolve complex database performance problems—right from code-level issues and query wait time analytics to resource capacity bottlenecks across physical, virtual and cloud environments.

Learn More:

SolarWinds

SolarWinds Database Performance Analyzer

Results

- Realized the following benefits as a result of using DPA:
    - Increased database performance and end user experience
    - Improved visibility into their environment and improved collaboration (less finger pointing for troubleshooting)
    - Achieved faster problem resolution and more proactive management of databases
    - Gained time to focus on more important or strategic parts of my job
    - Has the ability to find problems that were hard or impossible to find before

Source: Garrison Roberts, Database Administrator (DBA),
Mechanical Dynamics and Analysis

Research by TechValidate
by SurveyMonkey