Major Computer Manufacturer Uses Attunity Visibility to Improve Data Lifecycle Management

Situational overview

The IT team manages a large-scale enterprise data warehouse (EDW) from Teradata®, with 10,000 end users. The EDW platform supports more than 300 terabytes of data and handles more than 1billion queries a month. The application DBAs are responsible for responding to business requirements and ensuring optimal performance of the applications deployed.

The challenge of automating workload analytics

In their prior IT environment, the application DBA team was manually writing custom queries against logs to diagnose the sources of problematic workloads, and the trends related to specific users and applications activity. These tasks were necessary, but complex, time-consuming and resource constraining, which prompted them to search for a better, more automated solution.

> "Attunity Visibility enables us to diagnose issues faster and respond to the business in a timelier manner. Using Attunity, we are now saving 30-50 percent of our time previously spent on manually writing custom queries."
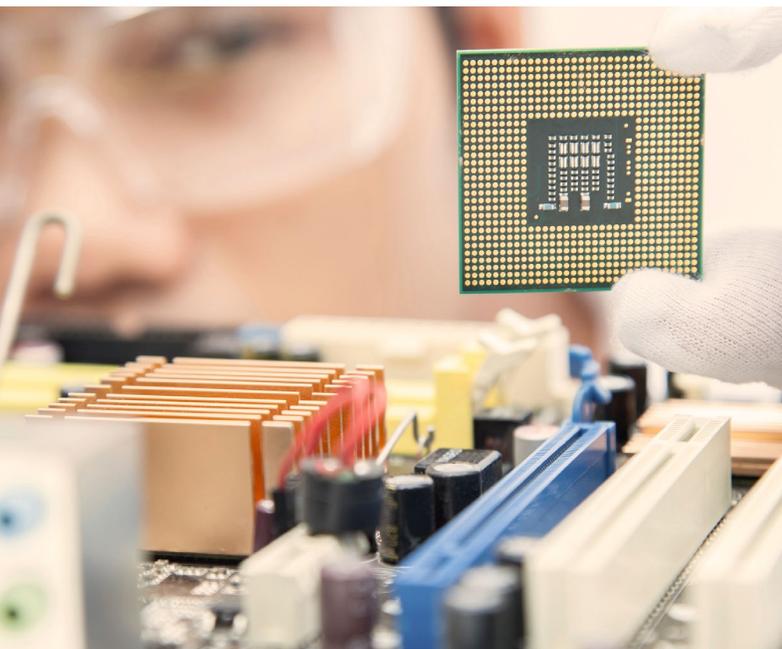>
> – Chief Data Warehouse Architect

Accelerating delivery of new analytic solution with optimized performance

The team decided on Attunity Visibility and today, they use the solution to quickly identify users, applications and the associated data related to problematic workloads. This capability enables them to diagnose issues faster and respond to the business in a timelier manner. It is also saving them 30-50 percent of time previously spent to manually write custom queries against logs to find the needed answers.

Accelerating delivery of new analytic solution with optimized performance

They deploy new applications and new versions of existing applications on a regular basis. The application DBAs needed the ability to analyze how the applications are used by the business to diagnose the workload performance characteristics. Using Attunity Visibility's dashboard highlighting historical analytics for application testing and tuning, the application DBAs can easily identify the specific users of the applications, their usage trends and patterns and the data associated with the usage, over any period of time – hours, days or weeks. This capability enables the team to quickly conduct a root-cause analysis of bottlenecks so they're able to tune and optimize the applications quickly to accelerate optimized performance.

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Data usage analytics for improved data lifecycle management

They have invested in the Teradata Unified Data Architecture™ (UDA), a platform that includes a high performance data warehouse from Teradata and Hadoop for compressed data archiving. To maximize the value of UDA, they need the ability to understand how the business is consuming the data to determine where to place the data in a UDA. With data usage patterns dynamically changing, Attunity Visibility provides the ability to monitor continuous data usage analytics that can be visualized from the perspective of business lines or departments to guide data life cycle management successfully.

Teradata helps companies get more value from data than any other company. Our big data analytic solutions, integrated marketing applications, and team of experts can help your company gain a sustainable competitive advantage with data. Visit teradata.com.