VERTICA CASE STUDY

Chevron Corporation

Introduction

This case study of Chevron Corporation is based on a July 2017 survey of Vertica customers by TechValidate, a 3rd-party research service.

Challenges

The business challenge that led the profiled company to evaluate and ultimately select Vertica:

- Replaced the following vendor with Vertica:
  - MySQL

Use Case

The key features and functionalities of Vertica that the surveyed company uses:

- Implemented the following use cases with Vertica:
  - Traditional business tracking (ERP, CRM)
  - Customer Behavior analytics
  - Clickstream analytics
  - Predictive analytics
- Manages 6 – 100 TB of data with Vertica software.
- Uses the following Business Intelligence (BI), Visualization, ETL, and/or analytics tool in their environment with Vertica:
  - ETL: Talend

Results

The surveyed company achieved the following results with Vertica:

- Benefited from the following Vertica Software capabilities:
  - Standard SQL interface
  - Simultaneous loading and querying
  - High availability without hardware redundancy
  - Optimizer and Execution Engine
- Reduced their Total Cost of Ownership (TCO) by 51-100% after using Vertica.
- Improved their query performance by over 50x with Vertica.
- Achieved 101 – 200% return on investment (ROI) as a result of implementing Vertica.

Source: Young Tae Kim, Database Administrator, Chevron Corporation

About Vertica

With the MicroFocus Vertica Analytics platform, MicroFocus innovates in software, services, and big data infrastructure to make data tangible for businesses, right now.

Learn More:

Vertica