

# Migration from SQL Server to HP Vertica for Reporting & Analytics



## Background

A leading Hi Tech company wanted real time analytics and reporting for their various internal and external users. Estuate developed an approach utilizing the power of HP's MPP Database - Vertica and the self service business intelligence capabilities of Qlikview.

## Business Challenge

- ⦿ Periodic Extraction of data from Support databases
- ⦿ Migrate data from SAP CRM , Oracle and SQL Server System to new data warehouse
- ⦿ Combine and match SAP CRM and Sales force data
- ⦿ Provide analytics and reporting
- ⦿ Provide accurate data to end users

## The Estuate Solution

- ⦿ Recommend HP Vertica.
- ⦿ Understand data relationship from various sources.
- ⦿ Migrate data from all existing data sources to HP Vertica.
- ⦿ Utilize Qlikview for its self-service Business Intelligence capabilities.
- ⦿ Integrate HP Vertica to Qlikview for Reporting & Analytics.

- ⦿ Solution Approach - Stage 1:
  - Document project requirements.
  - Technology assessment: Understand hardware and software infrastructure.
  - Understand data relationship from various sources.
  - Analyze data required for various Analytical Reports.
  - Recommend HP Vertica implementation architecture & Schema Design.
- ⦿ Solution Approach - Stage 2
  - Implement best practices around data extraction and loading from various sources to HP Vertica.
  - Develop all the required data extraction scripts.
  - Complete Integration tests.
  - Finalize User Acceptance criteria.
  - Help in User Acceptance test.
  - Go live.
  - Maintenance and support.

## Business Impact

- ⦿ End users able to generate real time reports and analytics with no involvement from IT – Self Service.
- ⦿ Lightning fast results due to the powerful but extremely scalable HP Vertica database.
- ⦿ Estuate's delivery model significantly reduced cost and compressed the timeline with an effective 16+ hour workday.
- ⦿ Estuate's extreme service philosophy ensured customer satisfaction.

## Get Started Today

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