

Decision Sciences and Analytics SAP BI/BW/HANA

About the company

It's an integrated energy company. Along with the services of its subsidiaries, Consumers Energy, it provides natural gas and electricity to more than 6 million residents.

CE BI Program Roadmap

Engagement Objectives

- Analyse and assess current Business needs including outstanding reporting requests
- Evaluate current BI technology infrastructure and architecture w.r.t. business needs and TCO
- Assess current BI enhancement, support and governance processes including people and team
- Define BI vision for CE
- Define a BI program roadmap covering multiple tracks – Performance Management, Functional Analytics, Architecture & Governance and Technology

Key Deliverables

- Current BI challenges and AS-IS BI setup w.r.t. People, Process, Technology
- Defined BI vision for CE
- Defined a comprehensive multi-year roadmap to achieve the BI vision

Value and Benefits

- Maximize Business value from analytics by creating value based priority
- Optimized Total cost of ownership (TCO) with appropriate Technology infrastructure and unified architecture and governance across environment

BI HR Maturity Assessment and Roadmap creation

Engagement Objectives

- Define high level HR Business requirements with business users
- Asses current state of work against two key goals - 1) Business adoption and Users satisfaction 2) Total Cost of Ownership
- Evaluate multiple TO-BE design options on Business Experience and Total cost of ownership criteria
- Maximize the salvage value of as-is BI HR application
- Recommend final TO-BE design and create implementation roadmap aligned with overall BI program vision and roadmap

CASE STUDY

Key Deliverables

- AS-IS work Assessment document.
 - High-level business requirements documented.
 - TO-BE architecture and design options
 - Gap analysis document.
 - Architecture recommendation and detailed execution roadmap

Value and Benefits

- Maximize the salvage value of existing application
- Robust TO-BE design and toolsets for lowest Total Cost of Ownership
- Significantly reduced implementation cost

Enterprise BI Architecture & Governance

Engagement Objectives

- Define Enterprise wide BI architecture Standards and Guidelines
 - Scalable and extensible BI architecture, supporting self-service, information quality, timeliness, availability, relevance, security, consistency, and usefulness;
- Enterprise wide BI Housekeeping standards
 - BI environment housekeeping activities and process for both BW and BO;
- BI Application and Project Lifecycle templates;
 - Application Lifecycle templates (Logical document, Architectural diagram) and Project lifecycle templates (Requirement & Functional design template, Technical design templates);
- BI Self-Service and Governance trade-off guidelines

Key Deliverables

- Enterprise BI Architecture standards and guidelines
- Enterprise BI Housekeeping standards
- BI Request management process, Application and Project lifecycle templates
- BI Self-service and Governance trade-off guidelines

Value and Benefits

- Improved system reliability, performance and stability
- Higher right-first-time project delivery;
- Reduce TCO & maintenance cost
- Improved business satisfaction

BI HR Implementation on BO 4.1 Platform

Engagement Objectives

- Deploy the HR foundation layer for the HR Reporting and Analytics
- Create a robust Security & Self-service model
- Deliver HR PA and OM Reports and Dashboards
- Enable BI HR environment and Tools for Self-Service BI
- Install a new SAP Business Objects 4.1 environment
- Establish BICS connectivity for Reports and Query browser for Dashboards

Key Deliverables

- HR Self-service foundation – 8 Reports
- Three HR dashboards and sixteen Analytical reports
- Established BO 4.1 environment and migrated existing reports from BO 3.1 to BO 4.1 environment

Value and Benefits

- EPM driven BI approach – leading to faster business adoption and ZERO EXCEL work;
- Self-service robust BI platform which drastically reduces the need for enhancement requests.
- Established BO migration processes using this engagement as a pilot.

SAP HANA Strategy and Roadmap

Engagement Objectives

- Assess existing BI landscape and key challenges / needs around
 - High data volume, Faster jobs completion time, High information latency, Real time information requirements
- Perform due diligence on various HANA usage options in the landscape
 - BW current version on HANA, BW 7.4 version on HANA and HANA sidecar, from Time, Cost and Risk perspective
- Provide recommendation on HANA usage option in client landscape and define a detailed approach and roadmap for HANA implementation

Key Deliverables

- a. BI landscape assessment and need evaluation
- b. HANA options due diligence report
- c. HANA implementation detailed approach and roadmap
- d. SAP HANA ROI and Business Case

Value and Benefits

- a. IT Leadership Advisory for making HANA investment decision
- b. An accelerated, optimum cost, lowest risk approach for implementation

BI Environment Optimization and SAP HANA / BW 7.4 Pre-implementation preparation

Engagement Objectives

- HANA detailed implementation planning and preparation by functional area
- HANA testing and validation strategy
- BW optimization including load process improvement, assessment of transformation code, data availability analysis.
- Performance Improvement for Long Running Loads and Extractions.
- Process optimizations for Long Running reports and make it ready for HANA modelling enhancements

Key Deliverables

- HANA detailed implementation plan
- HANA testing strategy
- BW / BO process optimization – extraction, load, transformation and Reporting
- HANA environment preparation

Value and Benefits

- Maximize return on HANA in investments
- Unified standard for HANA implementation across environment and functional areas
- Faster HANA rollout