Case Study
Consolidation & Migration of Xcelsius Dashboards in SAP Design Studio

Industry
Chemicals

Location
United States

Revenue
44 Billion USD

Function
Procurement, Supply Chain & Sales

Challenges
Performance issues with existing SAP Dashboards (Xcelsius) due to large data volumes

To overcome performance issues, dashboard views had to be split into four individual dashboards, even after which each of them took ~20s to 30s to launch

Technology
- SAP BW 7.3
- SAP BusinessObjects 4.x
- SAP Design Studio

Solutions
- Xcelsius to Design Studio Migration
- Product Extensions (VBX)

- Consolidated four(4) dashboards in Xcelsius into one SAP Design Studio Dashboard, leading to enhanced user experience and reduced maintenance efforts

- Each Xcelsius dashboard needed ~20s to 30s to startup; The load time for the consolidated SAP Design Studio dashboard with all the views was ~13s

- Reengineered BEx queries to deliver pagination capabilities in front-end, which considerably improved performance; (the current-state solution downloaded all records at one go, upon startup)

- Delivered enhanced capabilities such as Text Search, Dual Axes Charts and Image Export options powered by Visual BI Product Extensions (VBX)