

BHGE – A GE company

World's largest oil field services company



Project: Digital Transformation of Oil Field Services division

The Business Challenge: Data Migration from multiple systems

- Migrate data from multiple systems viz. Teamcenter 9.x with SFC, Teamcenter 11.x, SAP5, EPDM, SharePoint, Solid works, Creo, Files and homegrown systems to Teamcenter 11.5.
- Consolidate SolidWorks CAD models to a single multi CAD (SolidWorks, Creo, NX) Teamcenter 11.5 instance.
- Migration approach should allow different business units to go-live at various points of time.
- Manage changes to migration strategy and execution due to evolving TO-BE Tc data model.
- Approx. 1 million objects and datasets originating from various end-systems were to be migrated.
- All 3 divisions to be migrated within 1 year from the project kick off.

Benefits of eQube DaaS platform

- Code-less last-mile connectivity to systems using COTS eQube connectors.
- Data profiling and cleansing ensured that 100% accurate data was migrated to the new Teamcenter instance.
- Consolidated multi-CAD source systems into a single Teamcenter instance.

Features

- Migration strategy: Bulk load + Delta
 - Bulk-load of source systems data is followed by continuous synchronization of source systems' data to new Teamcenter.
- eQube® SAP Connector was used to fetch SAP data
 - eQube® SAP Connector leverages BAPIs, IDOCs, or OData services.
- Materials, Assemblies, Classification and DIR Info were replicated from SAP to Teamcenter.

eQ Process

- eQ Products used: eQube®-TM, eQube®-MI and eQube®-GMP.
- eQube® Connectors used: Teamcenter, SAP, Relational DB, Files, SharePoint, and NX CAD.
- Model driven migration and synchronization approach.

