

SPIRIT AEROSYSTEMS

Where Flight Begins



Project: Synchronize Teamcenter with Prime's Teamcenter and with SAP

The Business Challenges

- Keeping the SPIRIT Teamcenter In synch with the Prime's Teamcenter
 - Commercial Part, Raw Material, Components and Assembly Parts, Assembly BOM, Technical documents, Engineering change, CAD Models and data sets need to be kept in Synch.
 - Synchronize SPIRIT Teamcenter data with SAP
 - Following information needs to be synchronized
 - Document Information Records ('DIR' Parts List, Drawing Picture sheets, CAD Files, Customer specifications), Classification on Document.
 - Material Masters (Commercial, Raw Material and Components).
 - Material BOMs (Components and Assembly BOM).
 - Effectivity on BOM/Variant Configuration/Object dependency.
 - Engineering Change Masters.
 - Production Order link to Document Notes.

Benefits of eQube 🎲 DaaS platform

- Seamless integration of various workflows spread across Teamcenter and SAP to orchestrate a business process from receiving the hand-off package from the Prime to updating the data in SPIRIT Teamcenter and SAP.
- Code-less last-mile connectivity to systems using COTS eQube connectors.



Features

- Data Transfer process automatically initiated once Prime's hand off package is available in a shared file location.
- Creating/updating various structures in Teamcenter and SAP.
- Creating Effectivity on BOM/Variant Configuration/Object dependency.
- eQube[®] SAP Connector was used to fetch SAP data
 - eQube[®] SAP Connector leverages BAPIs, IDOCs, or OData services.

eQ Process

- eQ Products used: eQube[®]-MI and eQube[®]-TM.
- eQube[®] Connectors used: Teamcenter, SAP ECC6, and Files.
- Model driven integration approach.

eQube[®]-MI Digital Backbone Folders Excels, CAD files, Text files and Data sets

© Copyright 2020 eQ Technologic, Inc. All rights reserved. eQube® as well as the graphic representation of the logo of eQube with a drawing of a cube «Oute «We as well as the graphic representation of their respective owners.

Nothing contained herein is intended to claim ownership of, title to, interest in or sponsorship of the owners of product(s) identified by logos, trademarks or service marks, whether or not registered, which are not specifically stated to be owned by eQ Technologic, Inc.