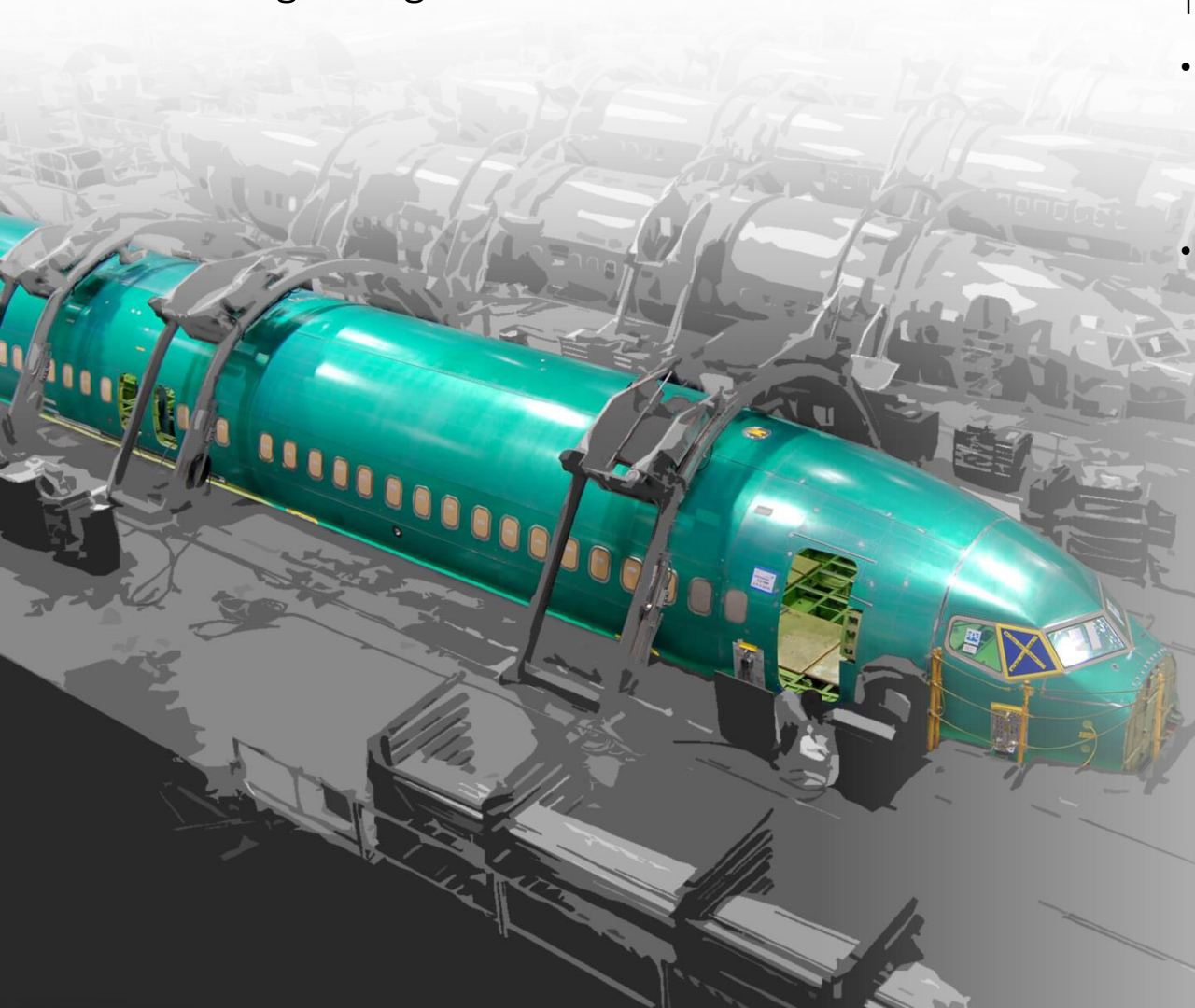


# SPIRIT AEROSYSTEMS

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.

