Lead in Digital: Transforming BCA
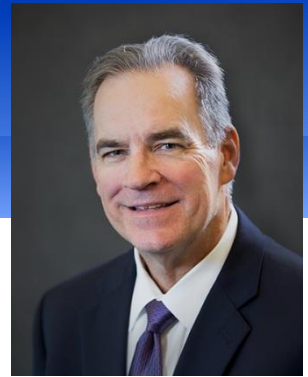
GLOBAL PRODUCT DATA
INTEROPERABILITY
SUMMIT
2019

Mike Delaney
BCA Vice President of Digital Transformation

- **Named the Vice President of Digital Transformation in September 2017**
  - Enable a digital thread across Commercial Airplanes' development and production programs.
  - Drive a connected flow of engineering data through the production system and across the in-service fleet.
  - Enable a digital thread through model-based engineering.
  - Provide cross-functional business architecture leadership to improve data capture and data analytics insights.
- **Additional Boeing Leadership Roles**
  - VP, BCA Airplane Development
  - VP, BCA Engineering and Senior Chief Engineer, Airplane Performance and Product Architecture
  - VP & Chief Project Engineer, 787 program; VP, 747/767/777 Engineering; VP, BCA Test & Validation
  - Chief Project Engineer, Next-Generation 737 Program
- **Began business career as an aerodynamic engineer at Gruman Aerospace, joining McDonnell Douglas in 1988**
- **Fellow of the American Institute of Aeronautics and Astronautics and member of the Aeronautics and Space Engineering Board.**
- **Bachelor's, Aerospace Engineering - Hofstra University**
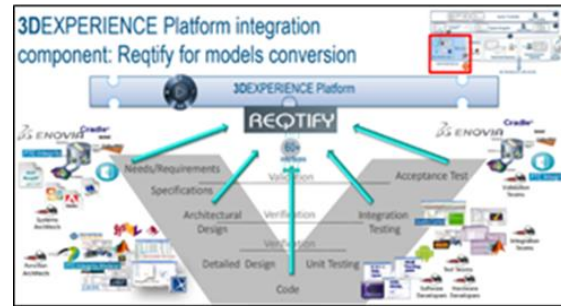- **Master of Business Administration - Toulouse Business School**

Broad digital adoption across BCA

Digital Flight Deck
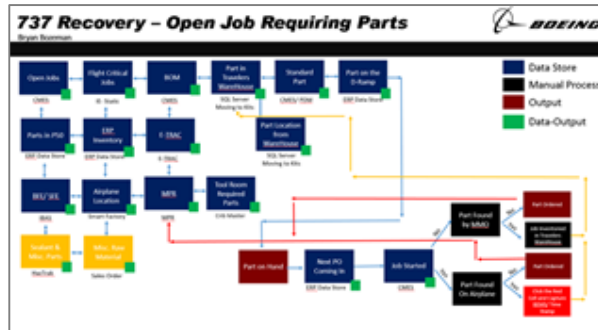
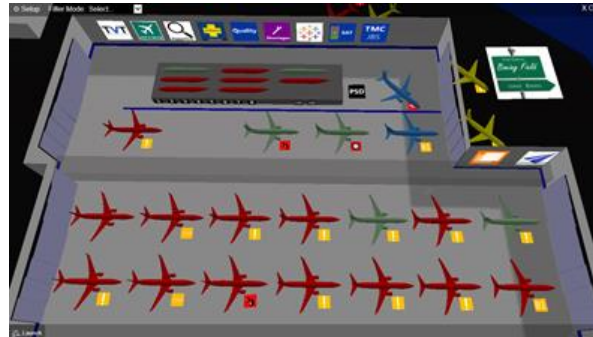**2nd Century Enterprise Systems (2CES)**

Early Adopter – Sales CRM

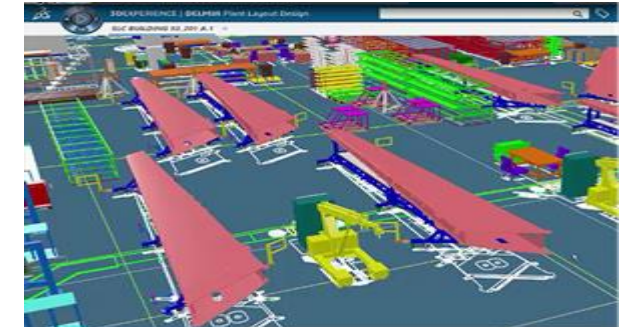**Functional Transformation – Quality Management System (QMS)**
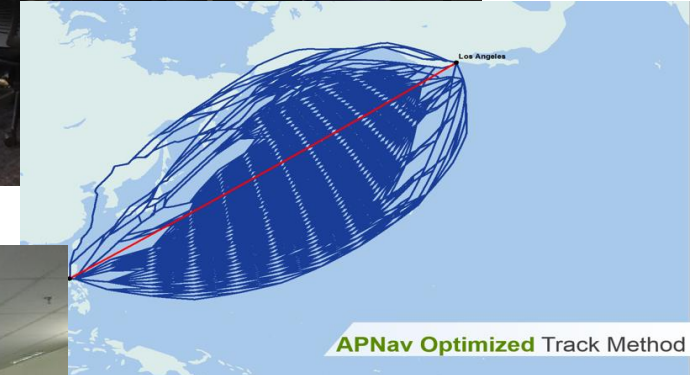
Boeing AnalytX Platform

Gamification of The Factory

Functional Transformation - MBSE

Digital is transforming our business

- **Transforming the customer experience**

- **Transforming operational processes**

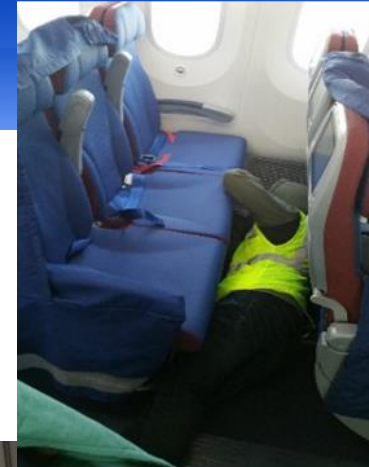- **Transforming business models**

- **Transforming culture**

APNav Optimized Track Method
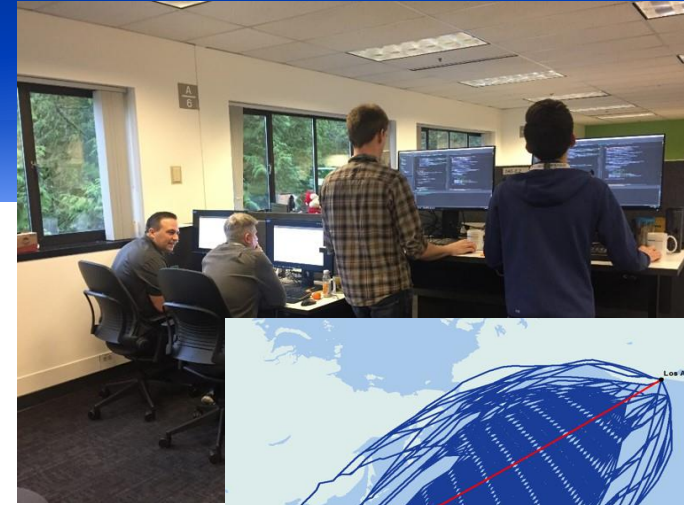
Transforming Digitally: Unlock Speed and Efficiency

Digital culture tenets

Manual   **Automated**

- **Concurrent physical flow and information flow**

- **Transformation at multiple clock speeds**

- **Talent that thinks digital first**
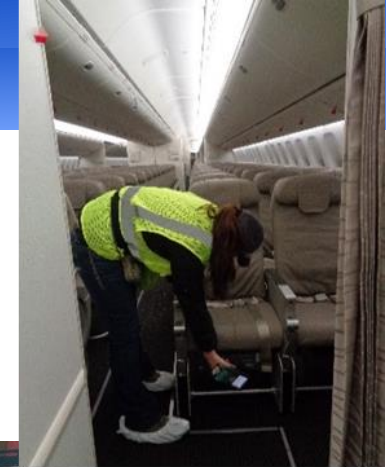
Digital ➡ Capacity ➡ Growth!