



# AirPlan MBSE-ToolBox

Free Demo  
October 28th  
10:00-12:00 am  
BavAiria Mtg.-room  
Sonderflughafen OP  
Friedrichshafenstr. 1  
D-82205 Gilching

Optimized for Speed, Engineered for Accuracy.

## Problem Statement

To date: document driven PDLC, ambiguous, non-systematic, Requirements of integrated system unknown at lower tiers

## AirPlan MBSE-ToolBox

Backbone of System Development Process  
Single Source of Truth Model (SSOTM) from requirements to simulation, efficient, consistent, traceable, ARP4754B compliant

## Ultra-fast Modelling of Vehicle-integrated System

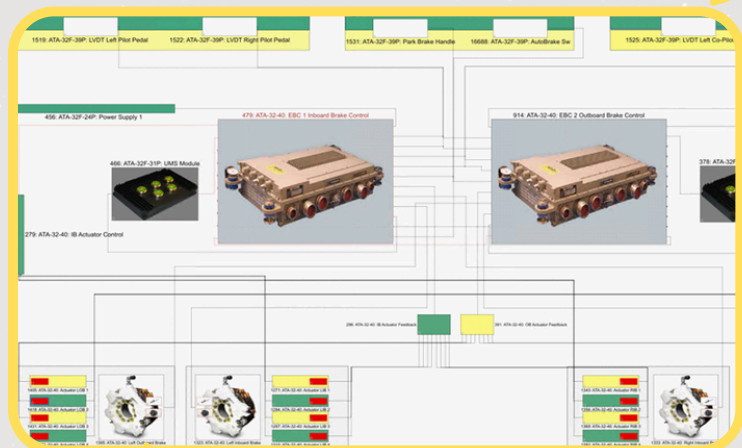
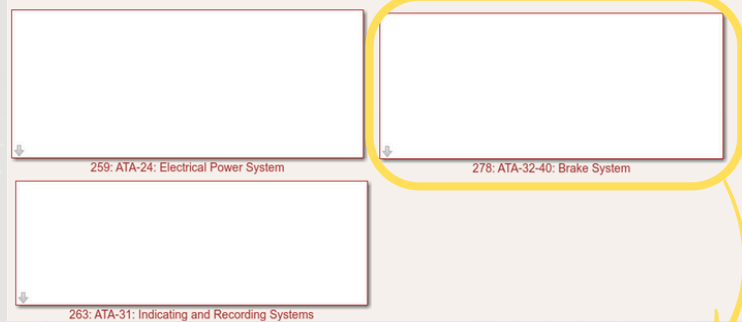
Powerful, depicts everything from functional system architecture to component HW, elements uniquely identifiable & traceable

## Flexible, Easy Use

### Licensing

- Cloud Based License Server
- License Control Embedded in Matlab Toolbox, no download/install required at customer end
- Individual, flexible licensing periods and flexible no of users

MBSE Model A/C-view (System of Systems)



MBSE Model System-view

Model Export linked to ARP4754 B / ARP4761 environment

Any Db format, full accessibility, pre-formatted e.g. ICD format, others

Model Based Requirements Eng. (MBRE)

Any Db format, full accessibility, pre-formatted full text requirements

Model Based Safety Analysis (MBSA)

Any Db format, full accessibility, pre-formatted Function & Hazard list, FTA libraries, .....