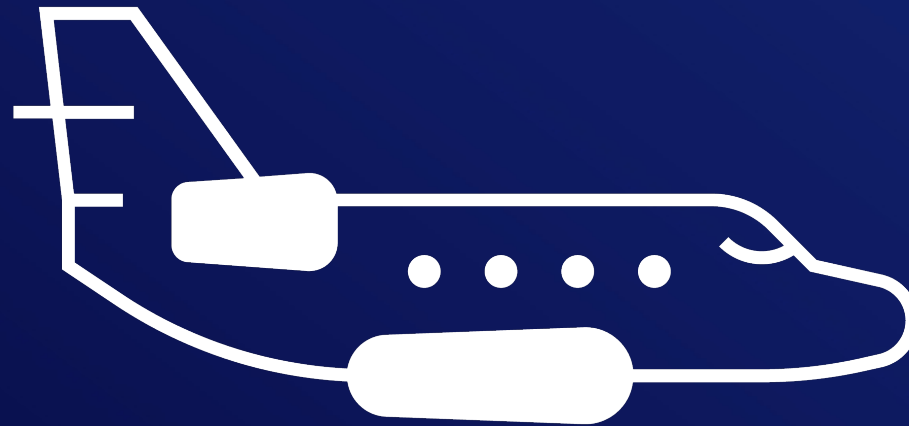




 **MBSE**
CONSULTING



- Industrial Experience -

AEROSPACE

- Industry:** Aerospace (Europe)
- Focus:** Digital, Design, Manufacturing & Services
- Keywords:** #System of Systems #MBSE #UAF

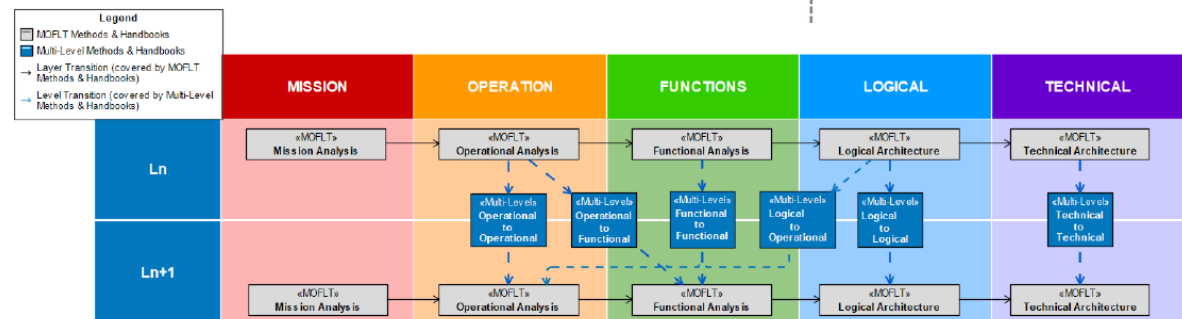
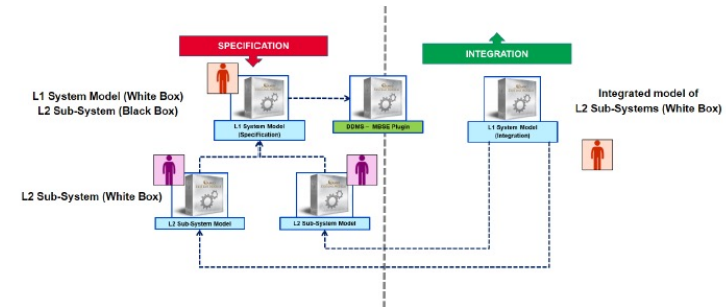


CONTEXT:

- A European Aircraft manufacturer launched a digital transformation program for a new product and services development approach
- A key pillar of the program is the MBSE approach and its deployment across several development programs
- Although the company has several years of experience in the MBSE context, a well-structured system of systems approach in modelling is missing
- In order to fully apply MBSE and benefit from it, a System of systems way of working needs to be developed and put in place.
- The approach should cover not only the tool aspect but also the methodological one and enable users to put it easily in practice.

APPROACH:

Develop a **System of Systems framework** based on **UAF** to cope with the application of **MBSE** to multiple levels of **integrated systems**. The approach includes **tool** and **method**



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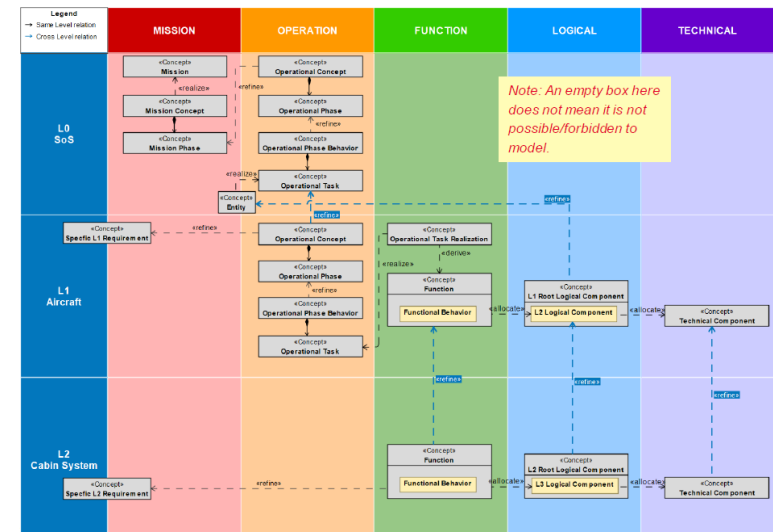
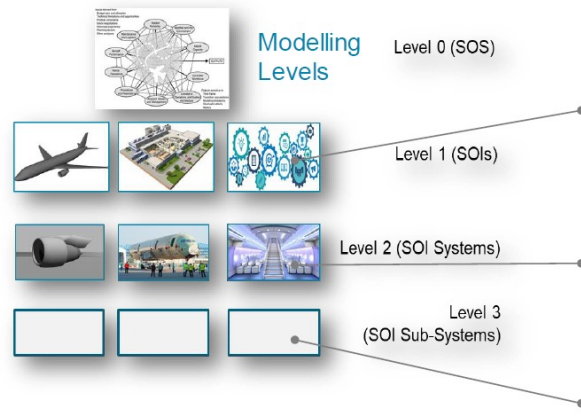
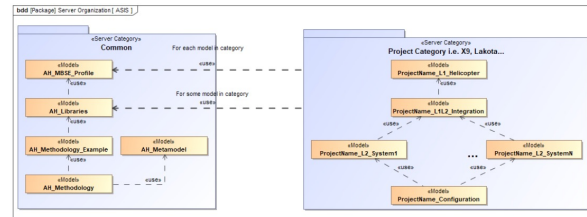
Keywords: #System of Systems #MBSE #UAF



AEROSPACE

RESULTS:

- Development of a **system of systems framework** based on UAF
- Development of a **multi-system approach** in Cameo System Modeler
- Deployment of the approach for **different aircraft types**
- Development of **change and configuration management approach** for the system multi-levels
- Training of the **system of systems approach** for 60 users





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