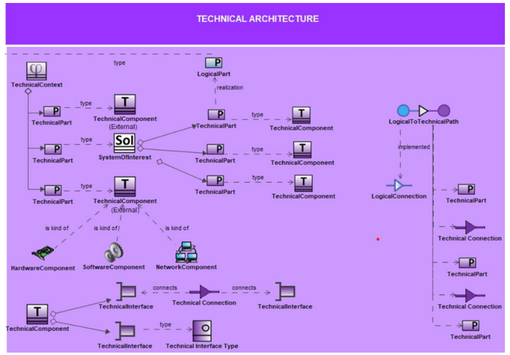
Project Case:

3DiPAF and MBPLE

Context:

MOFLT Technical architecture in 3DiPAF context Technical Architecture defines how the system of interest will be implemented, it defines:

- **Technical Components** - provide information about the technologies that the implementation will use
- **Technical Interfaces** - provide interaction points on the boundaries of a component



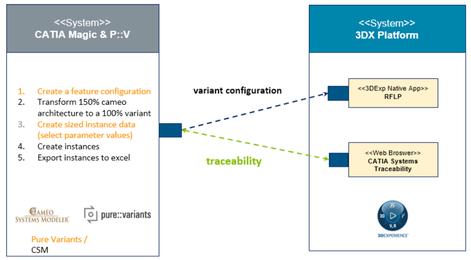
Approach:

Key aspects:

- Managing variability inside CSM using existing MBPLE4-MOFLT approach
- Keeping traceability by linksets in Traceability app
- 100% product variant to drive Archimodel in 3DX

Key enablers:

- Synchronisation btw. Cameo and 3DX
- Differentiation of architecture-parameters and technical parameter. Technical parameters should be kept out of CSM



Results:

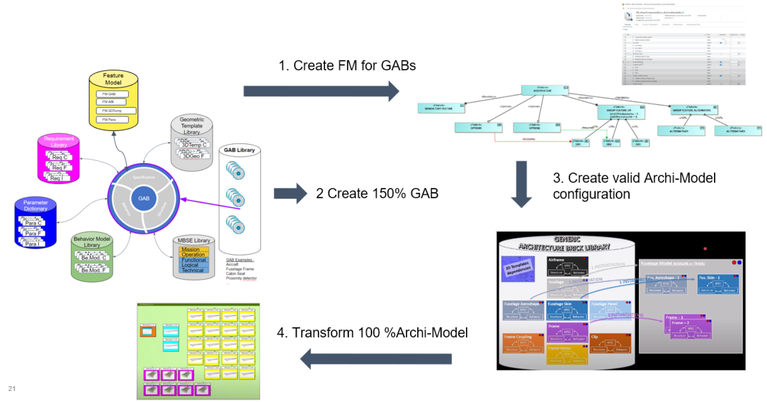
Advantages:

Synchronize 100% variant configuration with 3DiPAF

- Full usage of CSM functionalities
- MOFLT Model transformation with P::V already proved
- Full usage of MBPLE method
- More straight forward solution
- Concept in PoC already shown (instances of 100% to be important to 3DX)

3DX Integrated feature modeling

- Enabling control of engineering assets such as requirements, 3DModels and Architecture on the 3DX platform



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