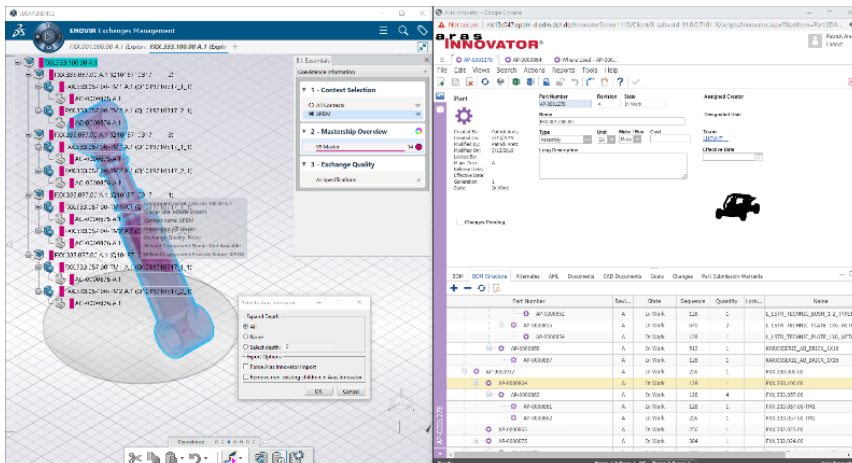# ACI

The 3DEXPERIENCE
Aras Innovator Integration

The 3DEXPERIENCE CATIA V6 Aras Innovator Integration (ACI) is a comprehensive solution for all kinds of integration scenarios. The solution integrates the 3DEXPERIENCE virtual product structure to an Aras Innovator BOM or CAD Document structure.

Characteristics

- CATIA V6 can be used as an authoring tool in the context of an Aras Innovator PLM environment
- Highly configurable for object mapping and customer specific adaptations
- Supports coexistence, migration, and cross-system border collaboration
- Integrates CAD data format converters and CAD data optimizer for many CAD formats like JT, STEP, 3DXML, CATIA, and other formats (third party converters may be required)
- Offers an external web client for administration, execution and visualization of Aras Innovator product structures and 3DEXPERIENCE virtual product structures

Key Features and Technical Highlights

- Bi-directional exchange of 3DEXPERIENCE virtual product structure and Aras Innovator product structure
- Attribute, revision, and life cycle state mapping
- Create Thumbnails for 3DParts from 3DEXPERIENCE for visualization in Aras Innovator
- Supports HOOPS 3D PDF generation for 3DXML and CATPart
- Transfer of 2D PDF for Drawings
- Scheduled list processing
- Functionality in CATIA V6:
    - Send a structure to Aras Innovator
    - Query for Aras Innovator items
    - Display Aras Innovator properties
    - Pull Parts from Aras Innovator
- Functionality in web client:
    - Query and send from Aras Innovator to 3DEXPERIENCE
    - Query and send from 3DEXPERIENCE to Aras Innovator

Aras Innovator product structure and 3DEXPERIENCE virtual product structure

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Services

- Installation support
- Customizing/development support (off and on-site)
- On-site or WEB-based training
- On demand software releases allow fast realization of additional customer requirements

ACI Support Table

Application	Release
Aras Innovator	12 (all SPs), 14+ other releases on request
3DEXPERIENCE	R2021x, R2022x, R2023x, R2024x other versions on request

Platform	OS Level
Microsoft Windows	Server 2012 and higher
other platforms	on demand

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