

ACI – 3DEXPERIENCE Aras Innovator Integration Release Plan

T-Systems PLM Applications

 **T Systems**

Let's power
higher performance



ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2024

V 3.11 – Supported PDM System Versions

Aras Innovator 12 (all SPs)

Aras Innovator 14+

Aras SaaS (29)

3DEXPERIENCE R2019x⁽²⁾, R2020x⁽²⁾

3DEXPERIENCE R2021x, R2022x, R2023x, R2024x

3DEXPERIENCE Public Cloud (2024x)

⁽¹⁾ With availability

⁽²⁾ On demand

V 3.11 – Selected Features

- Map attributes with unit conversions
- Split Level option for data transfer of large structures from 3DX to Aras Innovator
- Export of CGR from 3DX with REST services
- Support for all 3DXM batch export parameters

Q1 2024

Q2 2024

Q3 2024

Q4 2024

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2024

V 3.10 – Supported PDM System Versions

Aras Innovator 12 (all SPs)

Aras Innovator 14+

3DEXPERIENCE R2019x⁽²⁾, R2020x⁽²⁾

3DEXPERIENCE R2021x

3DEXPERIENCE R2022x

3DEXPERIENCE R2023x

3DEXPERIENCE R2024x

3DEXPERIENCE Cloud

⁽¹⁾ With availability

⁽²⁾ On demand

V 3.10 – Selected Features

- Quality release for 3DEXPERIENCE Cloud support with EIF and REST
- Support custom attribute export via 3DEXPERIENCE REST
- Improvements in ACI admin client:
 - List processing
 - UI improvements

Q1 2024

Q2 2024

Q3 2024

Q4 2024

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2023

V 3.9.0 – Supported PDM System Versions

Aras Innovator 12 (all SPs)

Aras Innovator 14+

3DEXPERIENCE R2015x⁽²⁾, R2016x⁽²⁾, R2017x⁽²⁾, R2018x⁽²⁾,
R2019x⁽²⁾, R2020x⁽²⁾

3DEXPERIENCE R2021x

3DEXPERIENCE R2022x

3DEXPERIENCE R2023x

3DEXPERIENCE Cloud

⁽¹⁾ With availability

⁽²⁾ On demand

V 3.9.0 – Selected Features

- Structure Compare
- Configuration Transfer Teamcenter to 3DEXPERIENCE
- Add checkbox for split transfer to 3DX Rich Client plugins
- Create missing instances in XpgPostprocessing (OnPremise)
- Add effectivity export for step export (Cloud)
- Open in 3DEXPERIENCE web client
- Validation on export from PLM

Q1 2023

Q2 2023

Q3 2023

Q4 2023

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2022

V 3.8.0 – Supported PDM System Versions

Aras Innovator 12 (all SPs)

Aras Innovator 14+

3DEXPERIENCE R2015x⁽²⁾, R2016x⁽²⁾, R2017x⁽²⁾, R2018x⁽²⁾,
R2019x⁽²⁾

3DEXPERIENCE R2020x

3DEXPERIENCE R2021x

3DEXPERIENCE R2022x

⁽¹⁾ With availability

⁽²⁾ On demand

V 3.8.0 – Added Features

- Support for Bookmark as replacement for Engineering Folder
- Force Revise in 3DEXPERIENCE from PDM
- Support POWER'BY for NX
- Basic cloud support for 3DEXPERIENCE
- Feedback from XCI to V6 client success/failure
- cLoC option with XCI functionality Send to ... from 3DEXPERIENCE
- “Open in 3DEXPERIENCE” from Aras Innovator client

Q1 2022

Q2 2022

Q3 2022

Q4 2022

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2021

V 3.7.0 – Supported PDM System Versions

Aras Innovator 11 (all SPs)

Aras Innovator 12 (all SPs)

3DEXPERIENCE R2015x⁽²⁾, R2016x⁽²⁾, R2017x⁽²⁾, R2018x⁽²⁾

3DEXPERIENCE R2019x

3DEXPERIENCE R2020x

3DEXPERIENCE R2021x

3DEXPERIENCE R2022x⁽¹⁾

⁽¹⁾ With availability

⁽²⁾ On demand

V 3.7.0 – Added Features

- Scheduler for internal and external processes
- Manage File Cache in XCI admin client
- Use File Cache for XPDMExport mode
- Revise and update metadata in 3DX from Teamcenter for 3DX-mastered Physical Products
- Support cLoC from 3DEXPERIENCE to Teamcenter
- Support Import POWER'BY mode for CATIA V5

Q1 2021

Q2 2021

Q3 2021

Q4 2021

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2021

V 3.6.0 – Supported PDM System Versions

Aras Innovator 11 (all SPs)

Aras Innovator 12 (all SPs)

3DEXPERIENCE R2015x

3DEXPERIENCE R2016x

3DEXPERIENCE R2017x

3DEXPERIENCE R2018x

3DEXPERIENCE R2019x

3DEXPERIENCE R2020x

3DEXPERIENCE R2021x

V 3.6.0 – Added Features

New Feature

- Trigger for delta PDM → V6, V6 → PDM
- Add state check for pdm and 3dx export
- Support parallel job queuing
- Feedback from XCI to V6 client success/failure

Improvement

- Delete replaced Files in Aras with Update of CAD Document
- Scheduler for XCI internal and custom tasks
- Ignore missing report for Coexistence batch
- Refresh Action in Process Status window
- Support Part BOM without BOM Instances

Q1 2021

Q2 2021

Q3 2021

Q4 2021

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2020

V 3.5.0 – Supported PDM System Versions

Aras Innovator 11 (all SPs)

Aras Innovator 12 (all SPs)

3DEXPERIENCE R2015x

3DEXPERIENCE R2016x

3DEXPERIENCE R2017x

3DEXPERIENCE R2018x

3DEXPERIENCE R2019x

3DEXPERIENCE R2020x

V 3.5.0 – Added Features

- Open in Aras Innovator from CATIA V6
- “Send to 3DEXPERIENCE“ menu in Aras Innovator Client
- Queuing functionality
- Skip functionality to avoid unnecessary exports
- Import option to force update in 3DEXPERIENCE
- Support new preferences introduced with R2019x
- Better error reporting
- Handle duplicate Instance Names
- Support for Fips-Mode (SHA256 password encryption)
- Show PDM and Enovia Version Info in XCI Web
- Use of classification as subtype for documents

Q1 2020

Q2 2020

Q3 2020

Q4 2020

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2019

V 3.4.0 – Supported PDM System Versions

Aras Innovator 11 (all SPs)

Aras Innovator 12 (all SPs)

3DEXPERIENCE R2015x

3DEXPERIENCE R2016x

3DEXPERIENCE R2017x

3DEXPERIENCE R2018x

3DEXPERIENCE R2019x

V 3.4.0 – Added Features

- Adding Aras Innovator to XCI platform
- cLoC option with Send to Aras Innovator
- Use File Management with FSC (for client running in web tier)
- Web UI for File Cache access
- Support for more exportable formats
- Support for custom attributes for V6 File Export mode

Q1 2019

Q2 2019

Q3 2019

Q4 2019

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2018

V 1.2

Aras Innovator 11 SP5 and higher (as available)

3DEXPERIENCE R2015x, R2016x, R2017x

- Distribution of V6 exports
- Split 3DXML to avoid redundant exports
- Caching on V6 export
- Modified check to avoid unnecessary imports
- Validation
- Export and Import are now separate processes
- Show job status in V6 Client
- Built in reporting
- PDF from multiple sheets in a Drawing
- Incubation: Aras to V6 transfer process

V 1.3

Aras Innovator 11 SP5 and higher (as available)

3DEXPERIENCE R2015x, R2016x, R2017x, R2018x

- Compatibility with PDM Workbench (CATIA V5 integration)
- Triggered export from 3DEXPERIENCE Platform
- Enhance Fill List Process with CSV input
- Support cLoC for Aras to V6 transfer process

Q1 2018

Q2 2018

Q3 2018

Q4 2018

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2016

V 1.0

Aras Innovator 11 SP5

3DEXPERIENCE R2015x

- Transfer of 2D PDF for Drawings (requires PDF Printer)
- Revision mapping between V6 and Aras
- Update to PDM WebConnector 3.9.1 (general usability, performance and stability improvements)
- List processing
- Optional customized Aras server methods for part creation
- Transfer of 3DXML-Files and STEP-Files
- Mark transferred objects with vendor key
- Flexible mapping of key attributes

V 1.1

Aras Innovator 11 SP5

3DEXPERIENCE R2015x, R2016x, R2017x

- Data model extension for Part Components
- Web service that allows to pull a 3DEXPERIENCE product structure from within Aras Innovator
- UI extension in CATIA V6 to display the status of the user's transfer jobs.

Q1 2016

Q2 2016

Q3 2016

Q4 2016

ACI – 3DEXPERIENCE Aras Innovator Integration Roadmap 2015

V 0.9 Initial Release

Aras Innovator 11.0

3DEXPERIENCE R2015x

- Transfer of Product Structure (CAD Super BOM) from 3DEXPERIENCE to Aras Innovator
- Transfer of 2D CATDrawings
- Transfer of 3D CATParts from 3DEXPERIENCE (CATIA) to Aras Innovator
- UI extension in CATIA V6 to initiate the transfer of a selected product structure to Aras Innovator
- Create Thumbnails for 3DParts from 3DEXPERIENCE for visualization in Aras Innovator
- 3DPassport support (single sign on)

Q3 2015

Q4 2015

Q1 2016

Q2 2016