DASSAULT SYSTEMES

3DEXPERIENCE CONFERENCE

SEPTEMBER 14-15, 2022 | **DARMSTADT, GERMANY**

PROSTEP's cloud and on-prem 3DEXPERIENCE solutions for data exchange, integration and collaboration

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Agenda

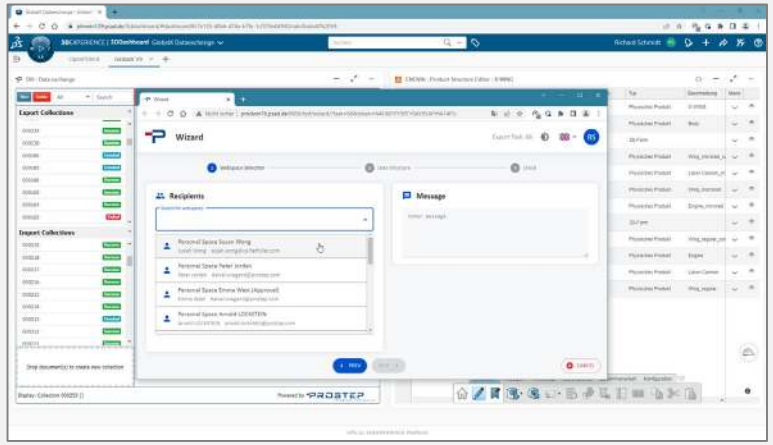
PROSTEP's cloud and on-prem 3DEXPERIENCE solutions for data exchange, integration and collaboration

1

PROSTEP at a glance

2

Dataexchange
round trip scenario



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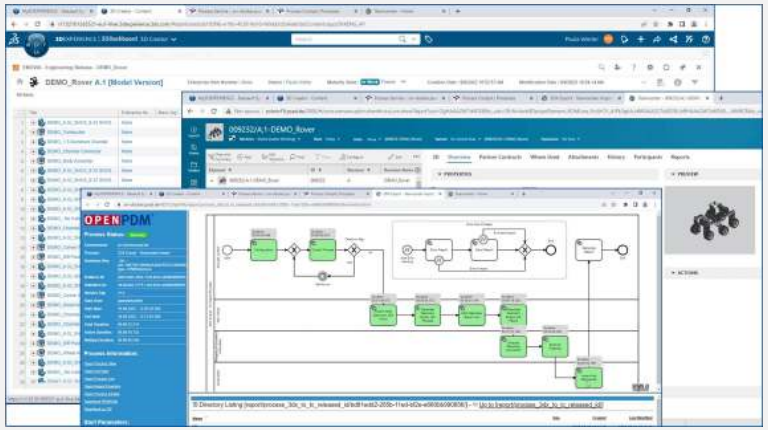
3DEXPERIENCE Cloud Integration
with Teamcenter



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Key Takeaways

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PROSTEP - 100% PLM

Who we are – What we offer

PROSTEP is

- **expert for PLM processes and solutions**
- the **leading vendor-independent PLM consultan**
  manufacturing industry
- **25+ years of industry background** - 290 PLM exp
  200 customers - 11 locations
- **partner of leading PLM vendors**

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OPENPDM® OPENDXM® GLOBAL OPENCLM OPENDESC.COM®

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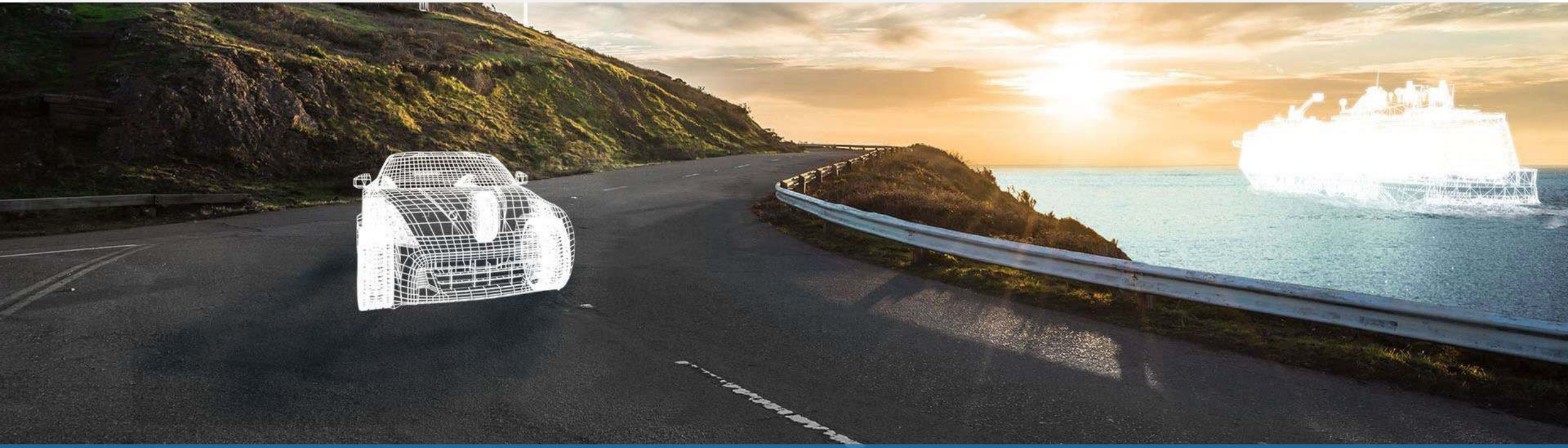

Dataexchange with 3DEXPERIENCE - Round Trip Scenario

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Managed File Transfer

Data Exchange with OpenDXM GlobalX

File Transfer

- Encrypted
- No file size limitation
- Restart without termination

Processing

- Preparation, conversion and check of data
- Parallel, run in background
- Partner specific
- Preview of data

OPENDXM® GLOBALX

Integration

- Client applications for various environments
- Integration into PLM systems
- Transfer systems (e.g. OFTP)

Traceability

- Logging with data base support
- Reporting and KPI functionalities
- Automated E-Mail notification

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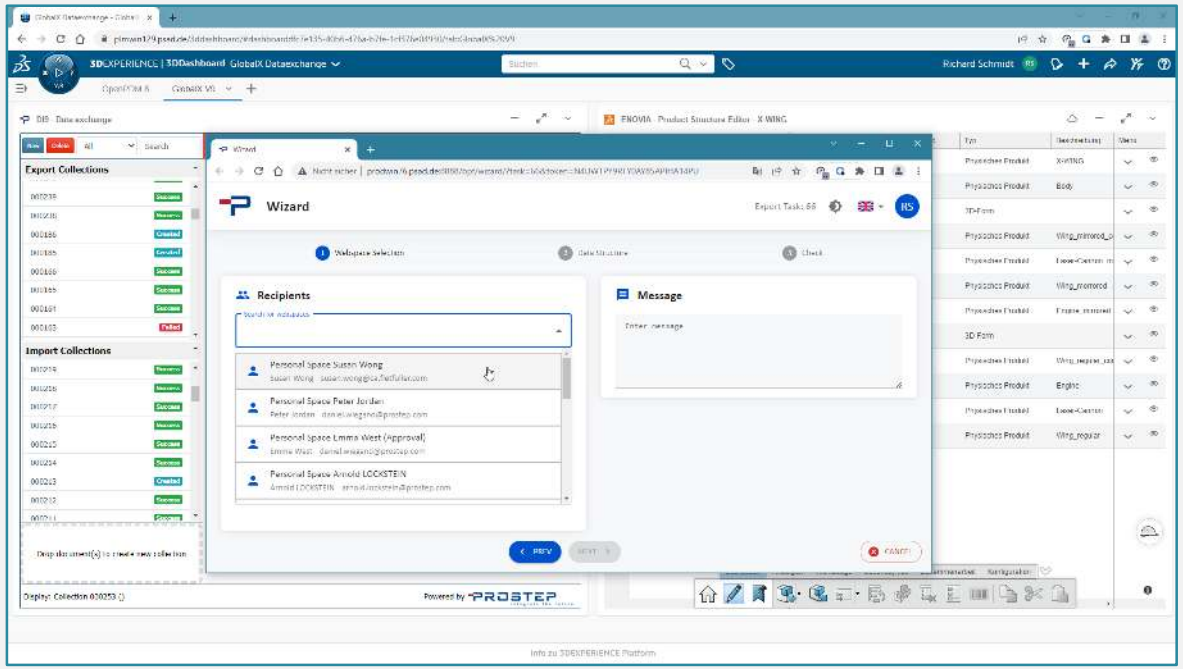
OpenDXM GlobalX 3DEXPERIENCE Integration

An overview

Integration solution for
sending and receiving documents

Available as integrated app
for 3DDashboard

Demo



CAD

Export and import of CAD data managed in a unified product structure as V6 or Power‘by

Extendable with the OpenDXM GlobalX modules:

- Conversion of CAD data into neutral formats
- Execution of quality checks (e.g. Q-Checker)
- Renaming of CAD assemblies

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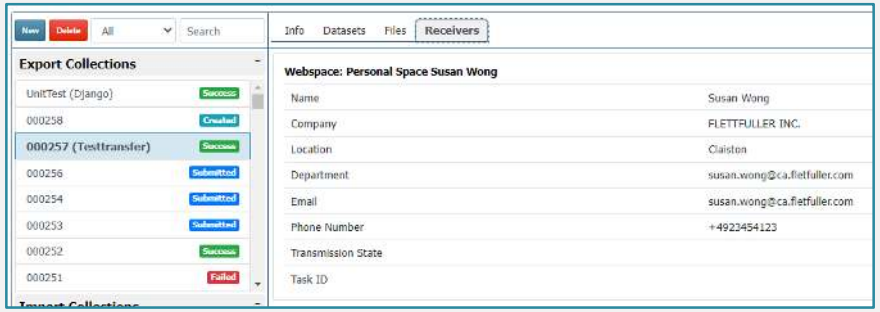
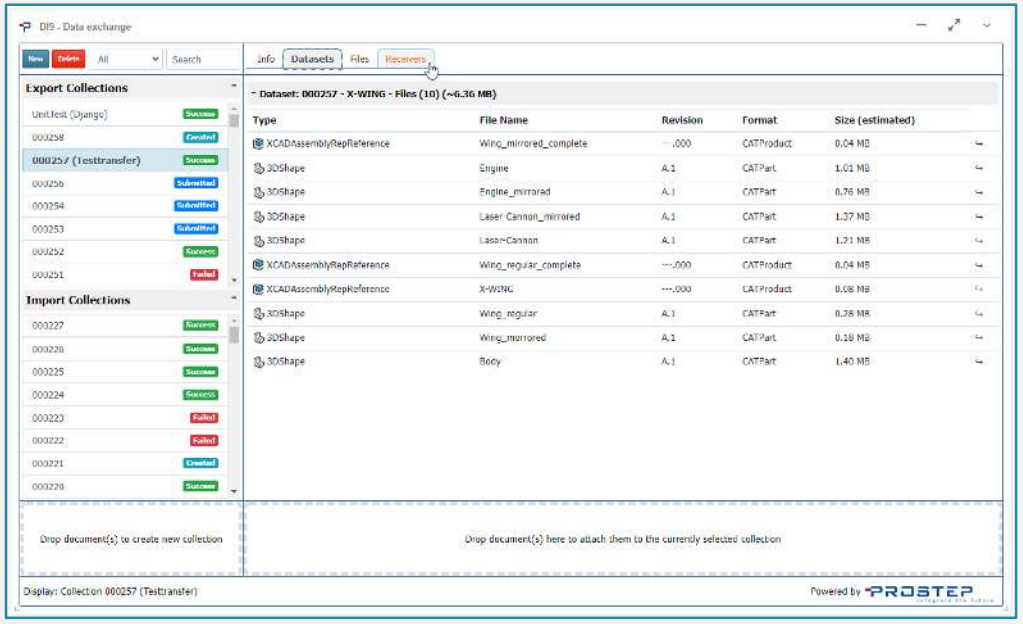
Traceability

Logging of processes in 3DEXPERIENCE and in OpenDXM GlobalX

By creating export and import collections, the transfer processes are permanently saved in 3DEXPERIENCE and can be accessed for evaluations and research.





The collections are enriched with the following information during the transfer process.

- *Links to the selected objects*
- *Information on recipient(s)*
- *If applicable, restore the additional locally selected data.*
- *If applicable, restore the converted data.*
- *Status of the transfer process, incl. locking the collection against change*

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PDM Import

Import scenarios of the 3DEXPERIENCE integration

1 – File system

2 – Container Import

- Dispatch and receipt via PDM client

3 – Document creation

- Structured import area
- Creation of new documents (non-CAD)
- Creation of CAD documents via CAD integrations
- Automatic number assignment (with rule sets)

4 – Update/Overwrite

- Logging of the import processes

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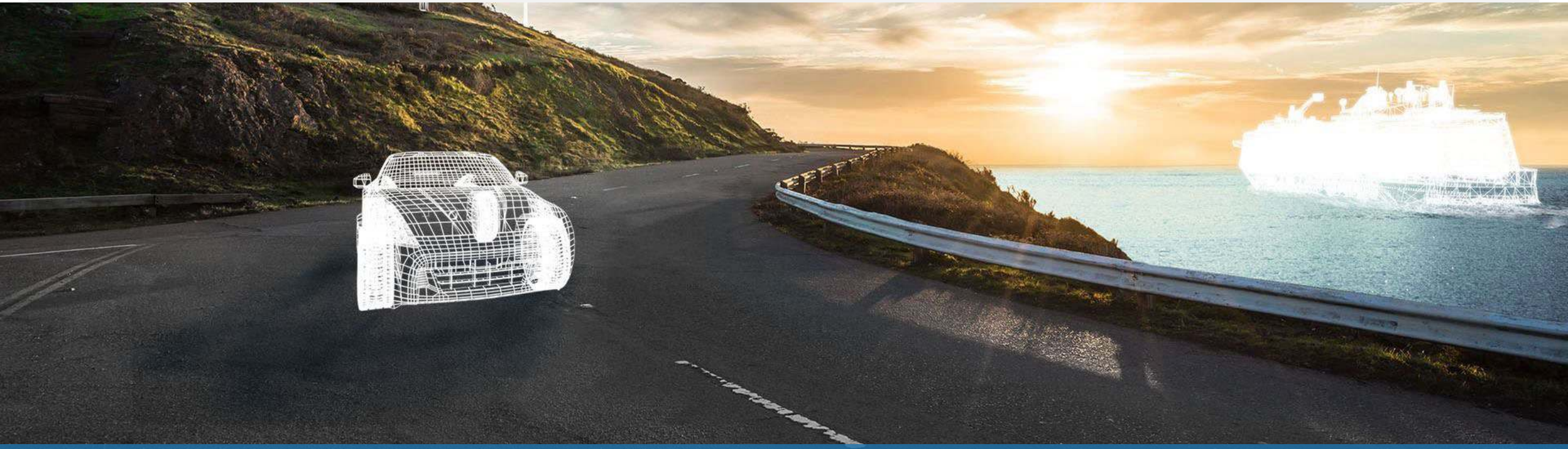

3DEXPERIENCE Cloud Integration – e.g. with Teamcenter

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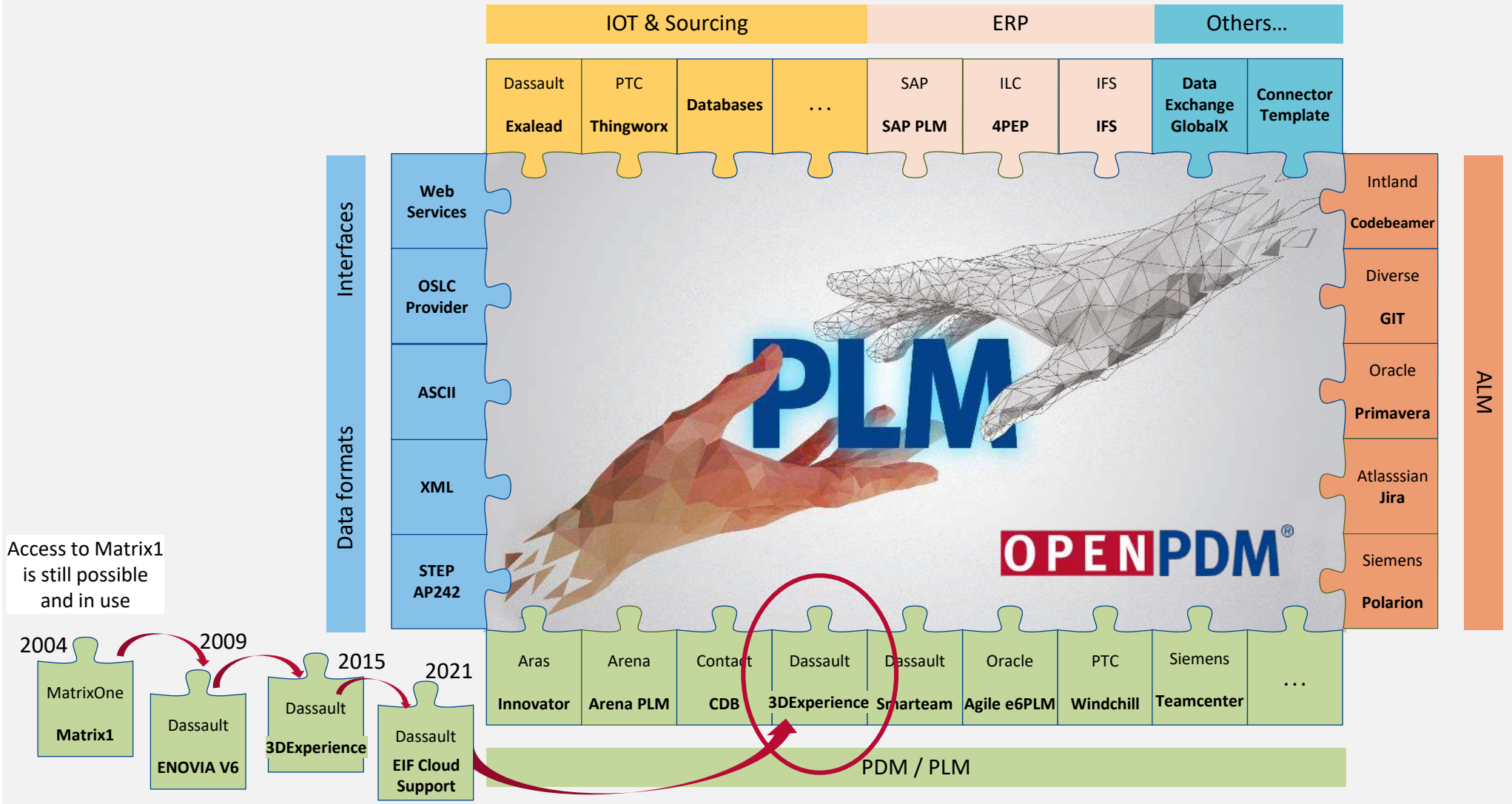
OpenPDM System Connectivity

Connectors to integrate your complete PLM world



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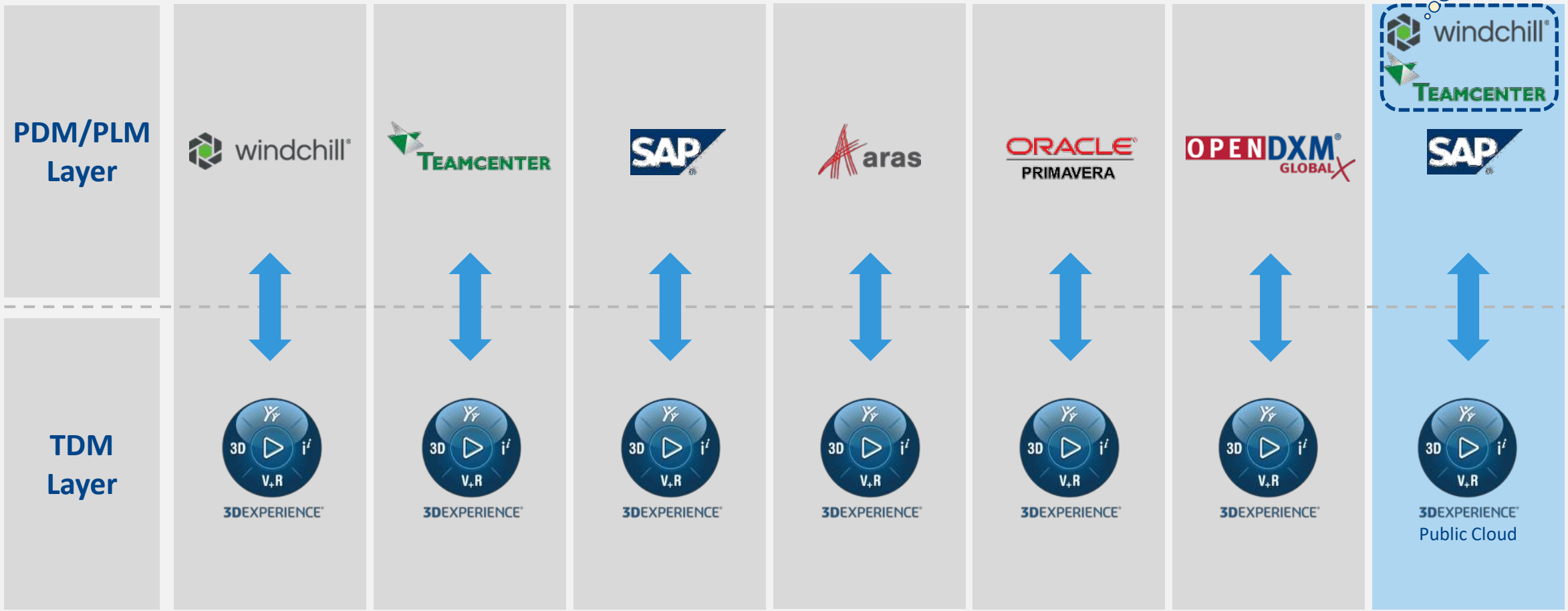
PROSTEP – 3DEXPERIENCE Solutions

Integrations based on official Dassault-PROSTEP PIDs

In preparation with Dassault



OpenPDM is the official certified solution by Dassault Systèmes to integrate 3DEXPERIENCE with Non-Dassault Systems

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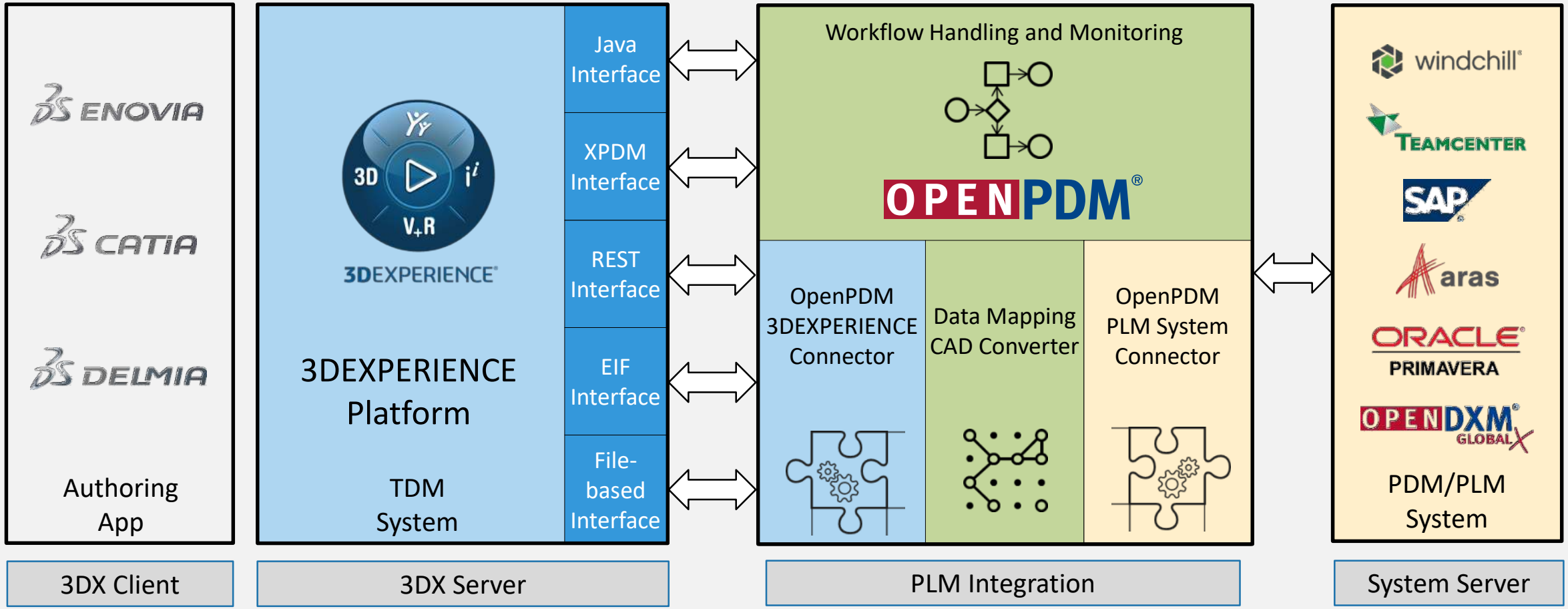
OpenPDM **3D**EXPERIENCE Connectivity

Architecture to integrate **3D**EXPERIENCE with other PLM systems



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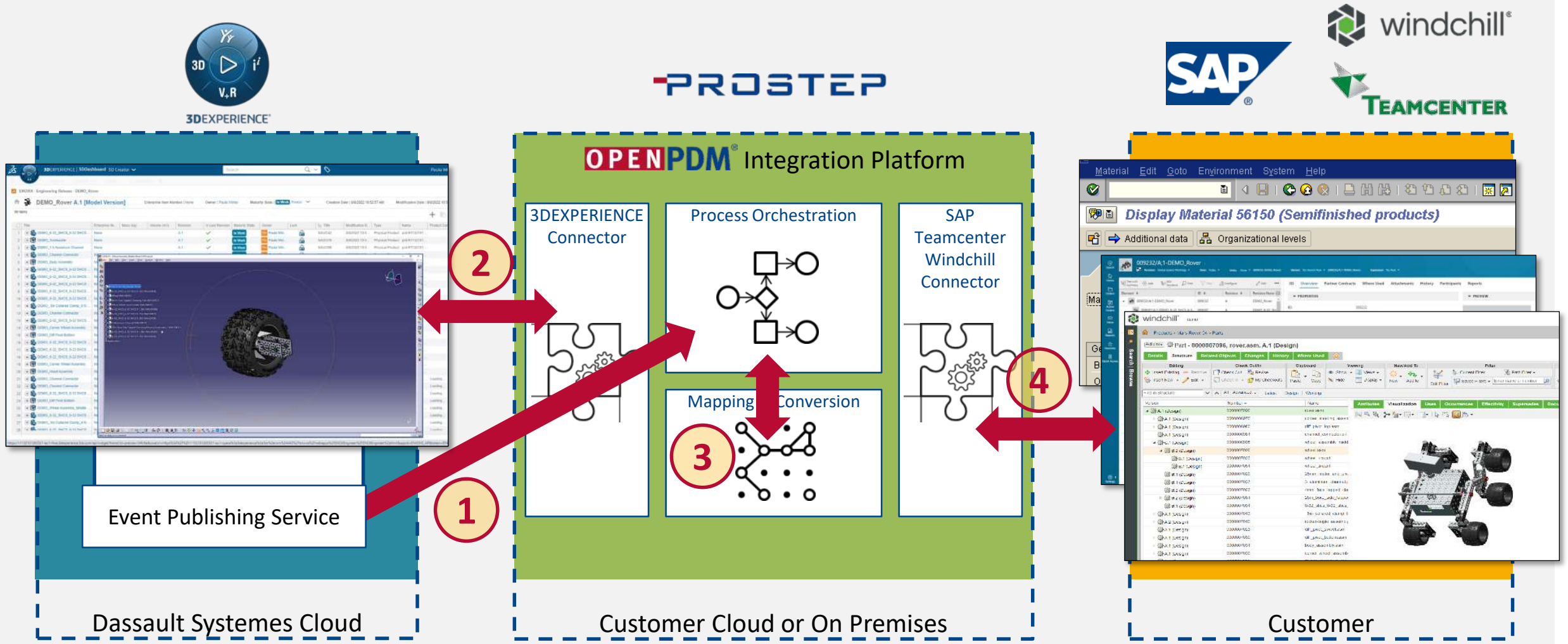
3DEXPERIENCE Cloud Integration

Using PROSTEP OpenPDM to connect 3DEXPERIENCE Cloud with other PLM systems



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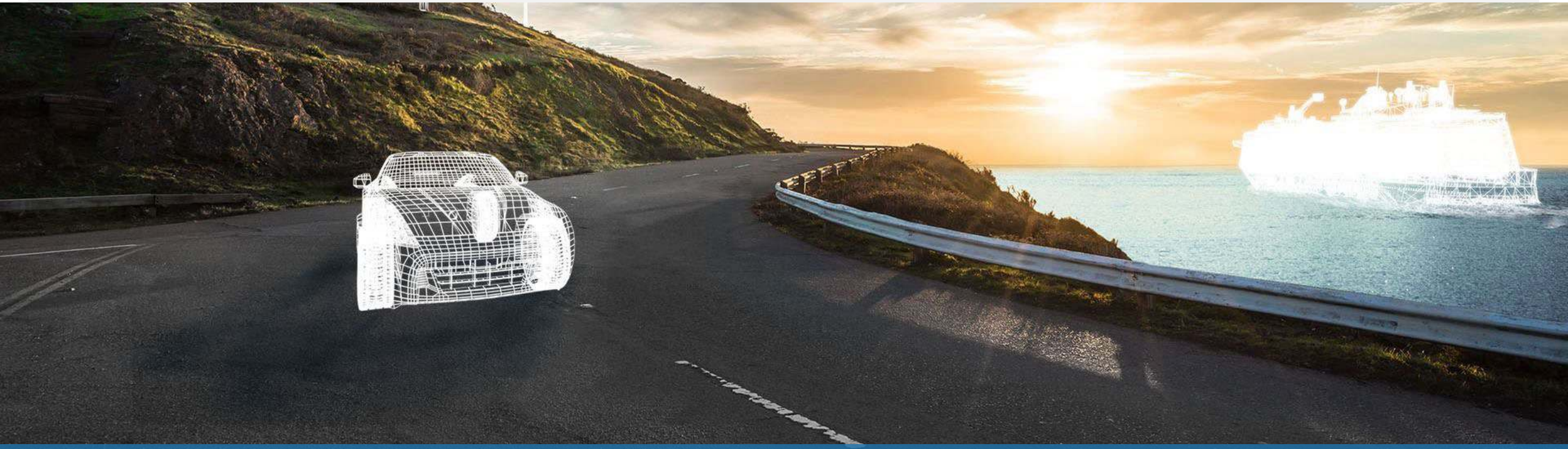

Key Takeaways

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Key Takeaways

- **Cloud based or distributed systems** do not avoid **your collaborative work**.
- **Your information is available** and can be used **in your Digital Thread**.
- **Integration is the key** to tear down functional silos and data silos.
- **OpenPDM enables your Digital Thread**.

- **OpenDXM GlobalX enables your PLM data exchange processes** with OpenPDM technology
- **Integration of partners, suppliers and customers** in one Managed File Transfer solution
- **Secure, reliable and transparent** in flexible and distributed environments

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THANK YOU!

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