

ACE 2024

Integration Platform as a Service

How to enhance the value of cloud

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 **T Systems**

Work with one of the strongest brand in the world

#01

GERMAN
BRAND

#01

EUROPEAN
BRAND

#09

GLOBAL
BRAND



Top 20 global brands

The World's 25 Most Valuable Brands 2024

1 +1 \$516.6 +74%	2 +2 \$340.4 +78%	3 0 \$333.4 +19%	4 -3 \$308.9 +3%	5 +1 \$99.4 +0%
6 -1 \$96.8 -15%	7 +3 \$84.2 +28%	8 +6 \$75.7 +28%	9 +2 \$73.3 +17%	10 -3 \$71.8 +3%
11 -3 \$71.8 +6%	12 +3 \$71.1 +21%	13 +13 \$70.4 +48%	14 -2 \$65.6 +5%	15 +3 \$60.7 +14%
16 +1 \$60.4 +5%	17 -1 \$59.4 +1%	18 -9 \$58.3 -12%	19 +16 \$53.1 +34%	20 -7 \$52.8 -14%
21 -2 \$52.7 +0%	22 +5 \$50.5 +7%	23 +2 \$50.3 +4%	24 -3 \$50.1 +1%	25 -3 \$49.3 -1%

T-Systems PLM Services: A comprehensive portfolio



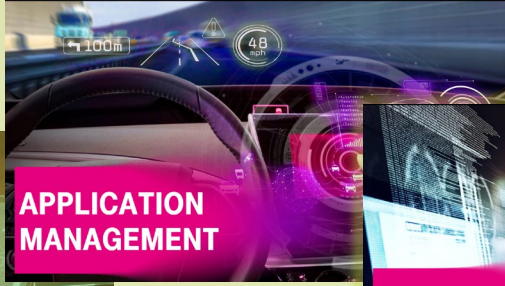
Customer Demands

Modernization & Integration of PLM Landscapes

Digital Thread / Digital Twin

Flexibility through Cloud

T-Systems PLM Offering



Strong Partnerships



Can you remember, there was a time where...



... you were driving to work...



... PC's were anything but mobile...



... the datacenter was in your company...



... and System Integration was a huge challenge!

... and the story continued in a cloudy way

Clouds have changed our lives...

- Home office and work from **everywhere** are normality
- Cooperations across countries and continents are **not insurmountable barriers anymore**

...However, there are still some concerns

- Many companies still have concerns about operating their enterprise systems (e.g., PLM, ALM, ERP) in the cloud
- Besides **security**, IP protection and **cloud provider dependencies**, **system integration** is one of the key factors to unleash the full potential of the “as a Service” cloud-based offerings

Beyond the hype



From hype to reality

- Companies like T-Systems and Aras have been working hard for years to add value to the cloud technologies
- Aras Enterprise SaaS covers a number of critical areas by providing full PLM functionality, configurability, and upgradeability.

T-Systems provides with the PLM iPaaS Platform the solution for the majority of Enterprise Integration challenges

IPaaS Plattform

Our main motivation

Main Drivers

- SaaS is **strategically pushed** by our customers and partners
- Expectation to increase **the business value** for customers and achieve better scalability
- 30% of on-premise shall be substituted by **cloud PLM (SaaS)** in the near future
- Provide **adequate integration** for SaaS

YOU!

T-Systems iPaaS Plattform - Architecture

PRIVATE CLOUD

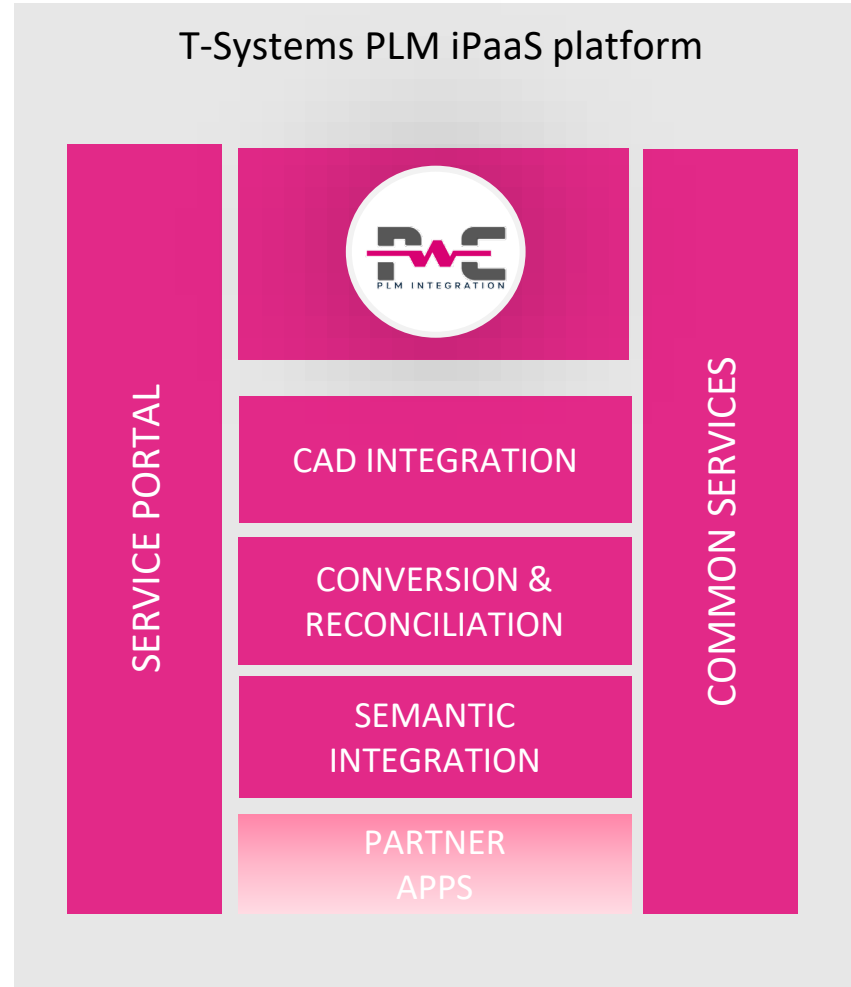


Diagram showing integration with Private Cloud. On the left, logos for TEAMCENTER, windchill®, aras INNOVATOR, and SAP are listed, followed by the text "... and other PLM". On the right, two sets of pink arrows point towards the central platform.

ON PREMISE



Diagram showing integration with On-Premise. On the left, logos for TEAMCENTER, windchill®, aras INNOVATOR, and SAP are listed, followed by the text "... and other PLM". On the right, two sets of pink arrows point towards the central platform.



VENDOR SAAS



Diagram showing integration with Vendor SaaS. On the left, logos for SAP, 3DEXPERIENCE (with a play button icon), aras INNOVATOR, and windchill® are listed, followed by the text "Other PLM". On the right, two sets of pink arrows point towards the central platform.

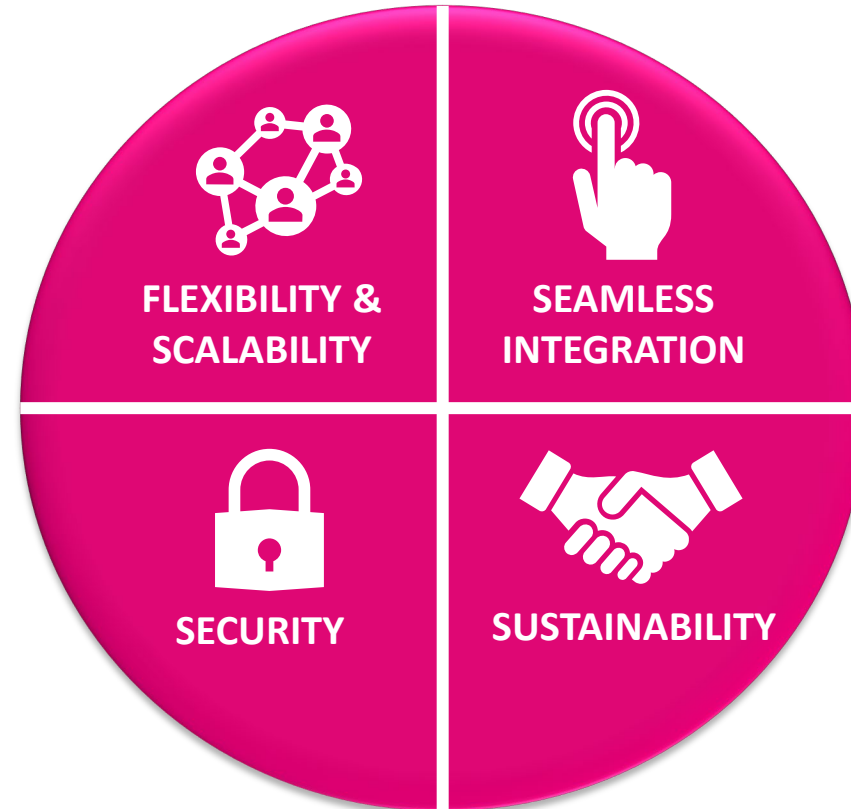
DATA ECOSYSTEM



Diagram showing integration with Data Ecosystem. On the left, the Catena-X logo and "Automotive Network" text are shown. On the right, two sets of pink arrows point towards the central platform.

Four Key Features

- ✓ Establish new use cases and modify them easy
- ✓ Scale up or down on demand.



- ✓ Infrastructures : Public & private cloud, on-prem or hybrid.
- ✓ Systems and data sources : CAD, PLM, ALM, ERP

- ✓ Take benefit of Telekom Security
- ✓ Rely on our certified & secure cloud services

- ✓ 30+ years of leading innovation for integration
- ✓ We work closely together with leading Cloud, PLM and ERP SaaS providers



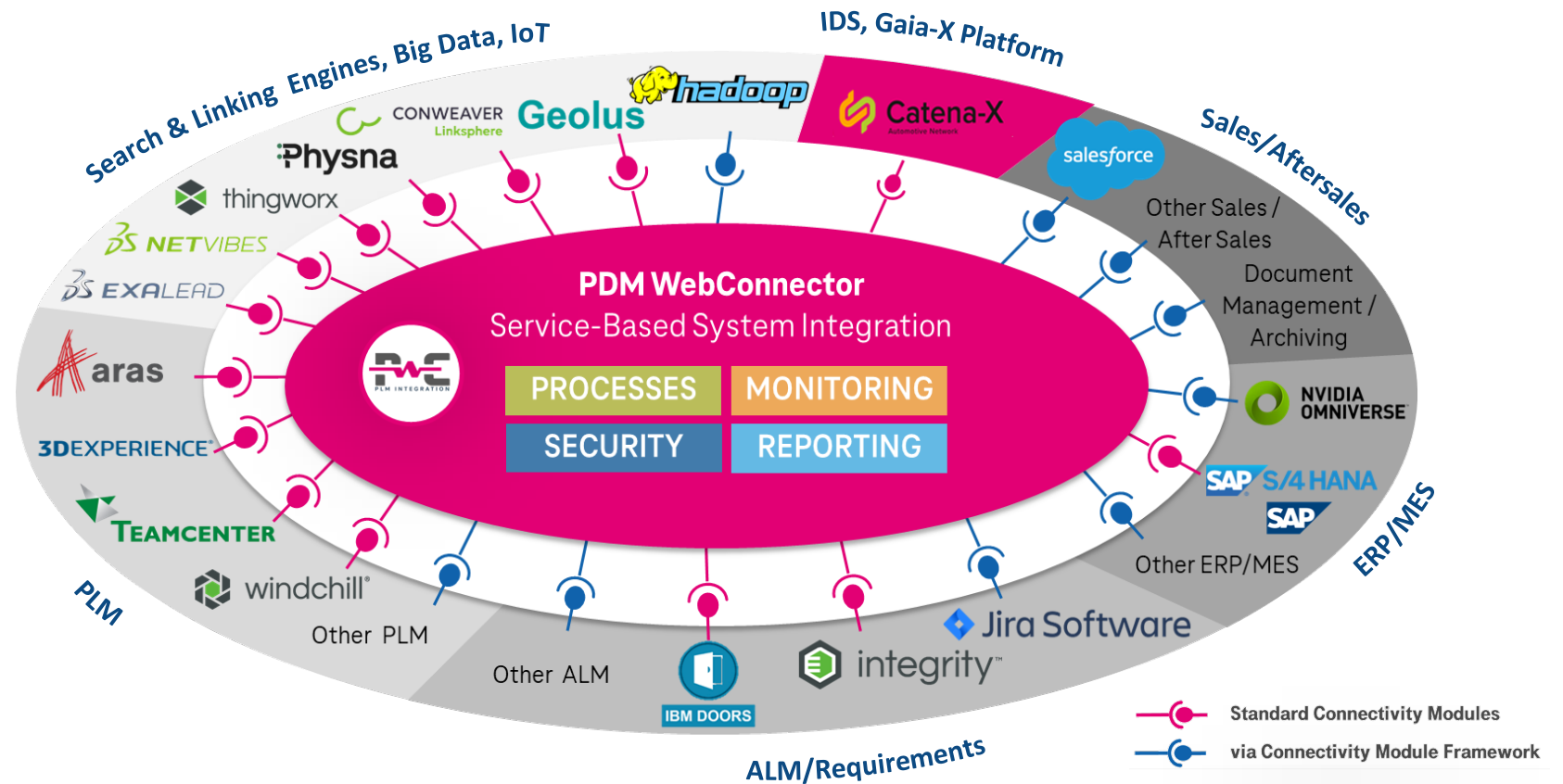
PDM WebConnector

The Integration Hub for Digital Transformation

Use Cases

- Multi-directional Integration and Synchronization
- Migration and Co-Existence
- Collaboration and Data Exchange

Customer Excerpt

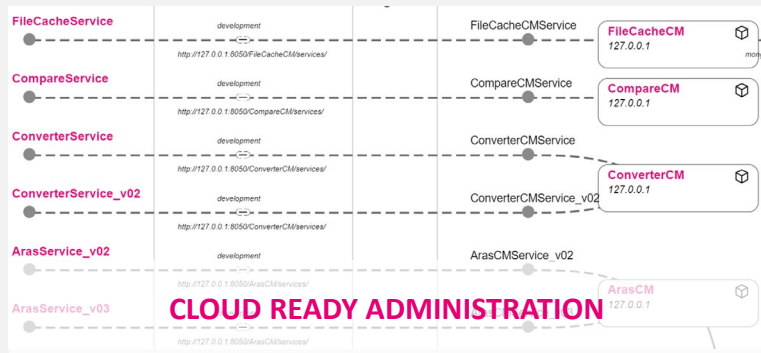


Mastering complexity and change through specialized PLM Middleware



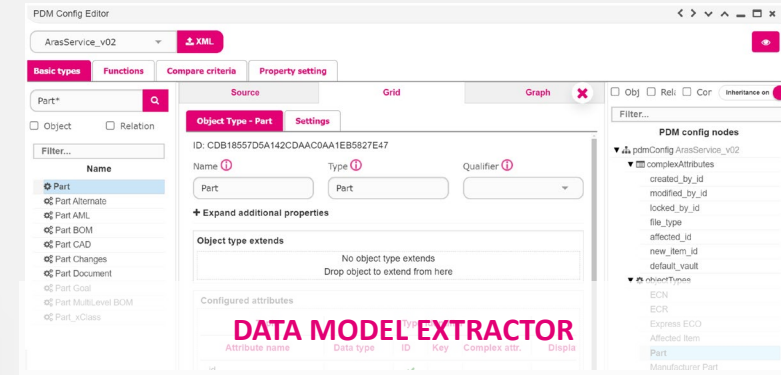
Four key steps of modern integration

CONNECT

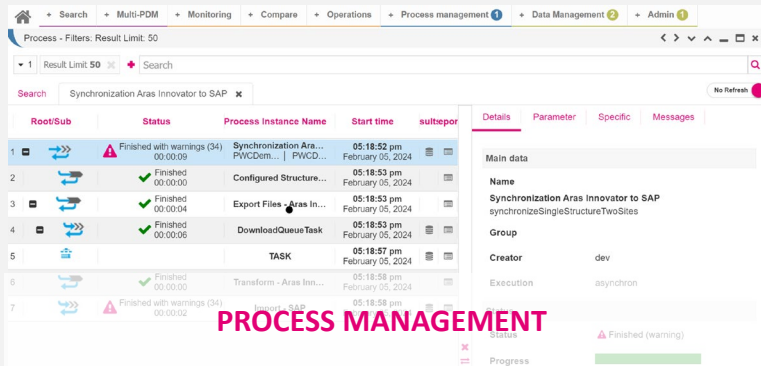


Smartly handle complexity

SELECT

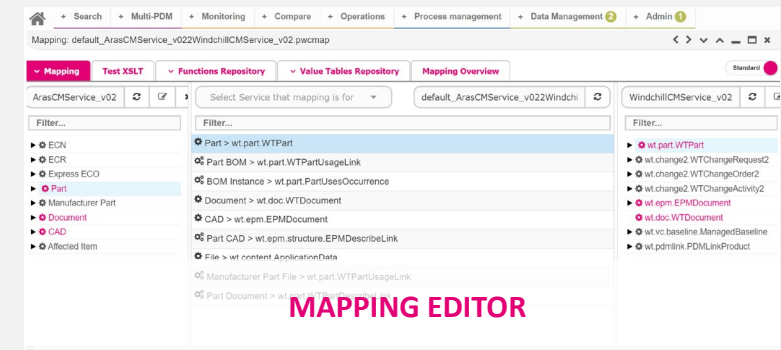


EXECUTE & CONTROL

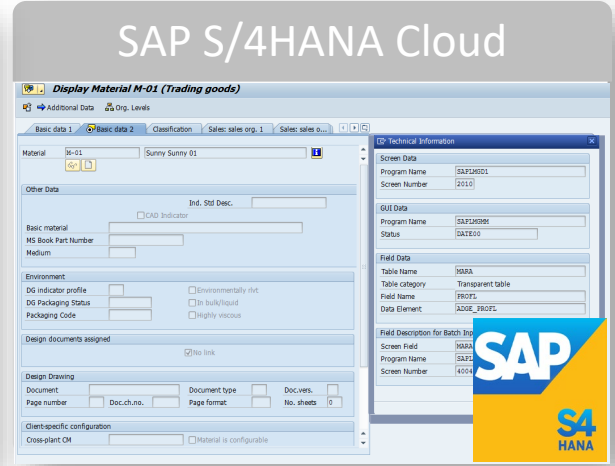
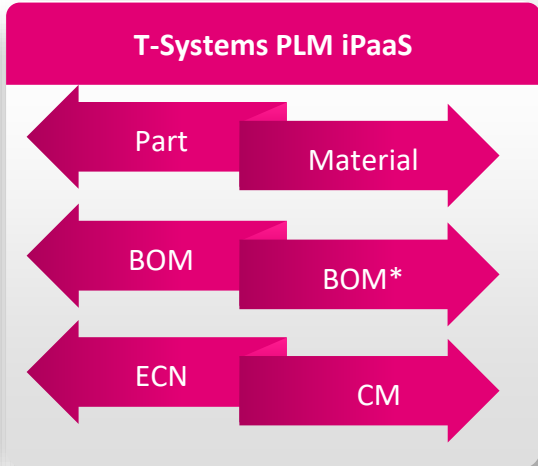
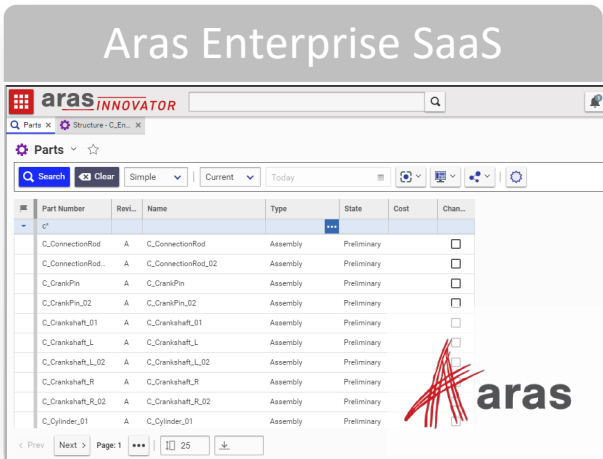


Utilize & scale

MAP



T-Systems iPaaS Platform: Aras Enterprise SaaS – SAP S/4HANA Cloud



Our Solution:

- Reliable and efficient, long-lasting ARAS – SAP cloud integration
- Long term experience at large automotive and manufacturing industries customers
- Semantic transition between the systems
- Support of cross-engineering processes
- Co-existence of systems and seamless interaction between processes

▶ Harmonization of the Design, Engineering and Manufacturing data and processes

The boundaries between the system responsibilities have to be more flexible.

Demo/Video



**Create and Manage
your Data in Aras**

[Watch the Video](#)

T-Systems iPaaS – Vision

Use Cases



- ✓ 3D conversion
- ✓ 3D integration
- ✓ 3D reconciliation



- ✓ Requirements Management
- ✓ ALM
- ✓ SDM



- ✓ Multi PLM
- ✓ ERP
- ✓ MES



- ✓ Joint Ventures
- ✓ Carve-Outs
- ✓ Migrations



- ✓ Semantic Layers
- ✓ NVIDIA Omniverse
- ✓ Search Engines



- ✓ Catena-X

Application Services

Conversion Pipelines
(COM/FOX, COM/Recon)

Integration & Synchronization
Platform (PDM WebConnector)

Specialized Data Supply
Components

Partner solutions

Industry Platforms

IPaaS Services

Packaging and
Config-Mgmt.

Release
Mgmt.

Component
Installation

System
Integration

SW
Installation

License
Server

User Mgmt.

Security
Monitoring
Backup &
Restore

OV automated
provisioning

IaaS

On Prem



Private Cloud



Public Cloud

Start the golden age of cloud integration with US!

Experienced, specialized and industry proven



Powerful, flexible & scalable



Future-proof, secure & sustainable



Secure project success

Shortest possible implementation time

Designed to cover even the most complex requirements

We are ready to go! 

Integration Platform as a Service

How to enhance the value of cloud



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