



3DEXPERIENCE CONFERENCE

SEPTEMBER 14-15, 2022 | DARMSTADT, GERMANY

**3DEXPERIENCE enterprise Integrations
powered by TECHNIA's Integration
Framework (TIF)**



Martin Nölle

martin.noelle@technia.com
TECHNIA Software & Global
Services



Marcus Larsson

marcus.larsson@technia.com
TECHNIA Software & Global
Services

ABOUT TECHNIA



6000+

CUSTOMERS
WORLDWIDE

525+

EXPERT
CONSULTANTS

430+

ENTERPRISE
PROJECTS

43+

FORTUNE
500
COMPANIES

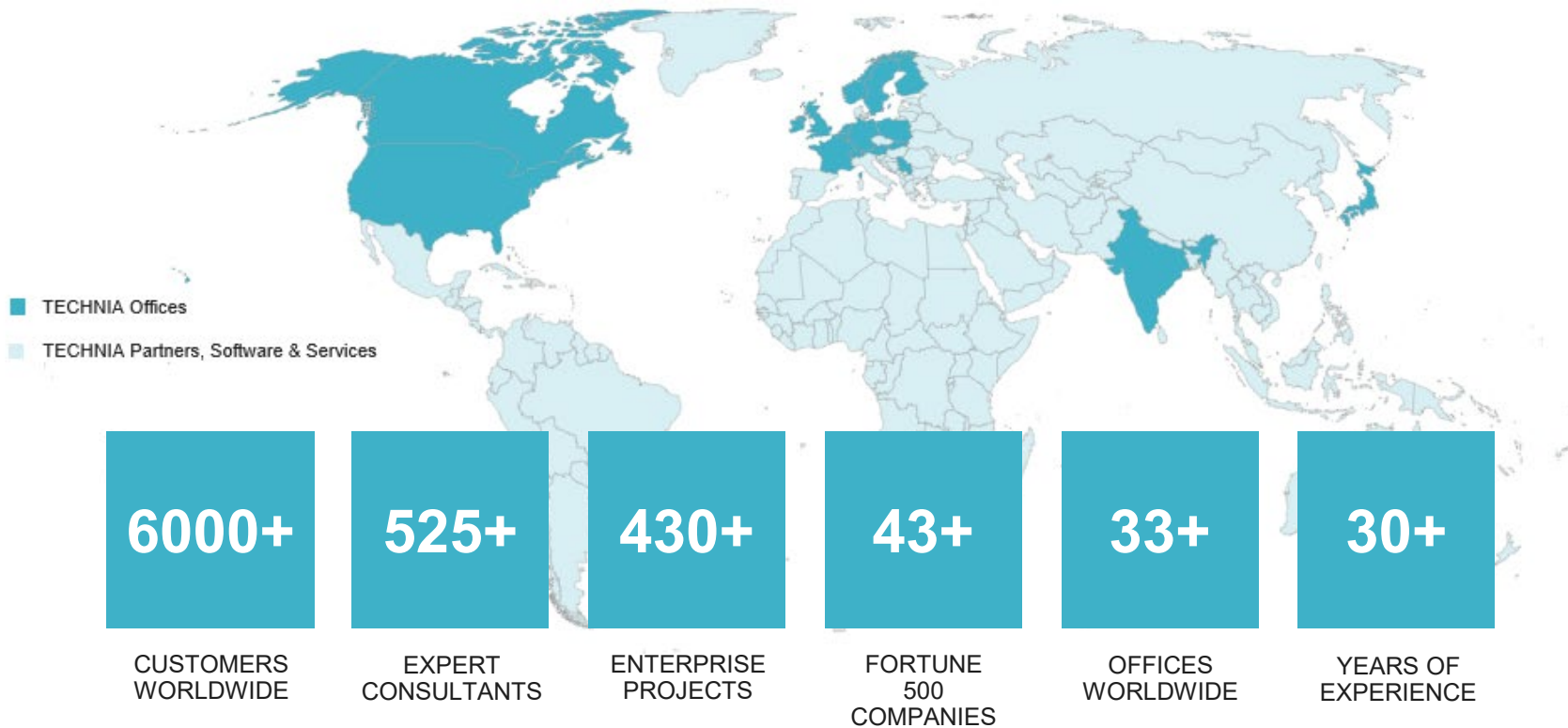
33+

OFFICES
WORLDWIDE

30+

YEARS OF
EXPERIENCE

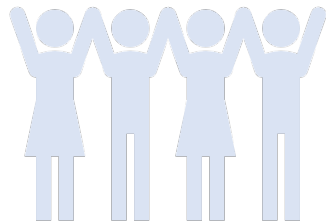
ABOUT TECHNIA



Additions to the TECHNIA family 2021-2022



TECHNIA Software Offering



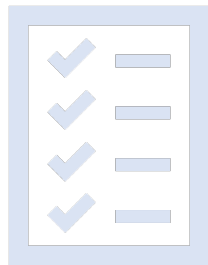
Productivity, adoption, configurability
& in-app training



Value Components



Light My Way



Quality standards, optimized
comparisons and Legal standard
compliance



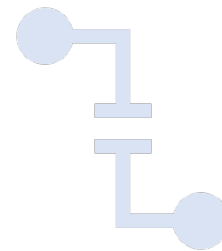
CAVA



Q-Checker



xCompare



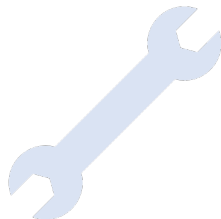
Supplier collaboration
and lightweight applications



Lite3D



Exchange Hub



Operations Excellence, System Tuning,
Client distribution, Configurable &
Scalable Enterprise Integrations



myPLM



Value Tools



Integration Framework

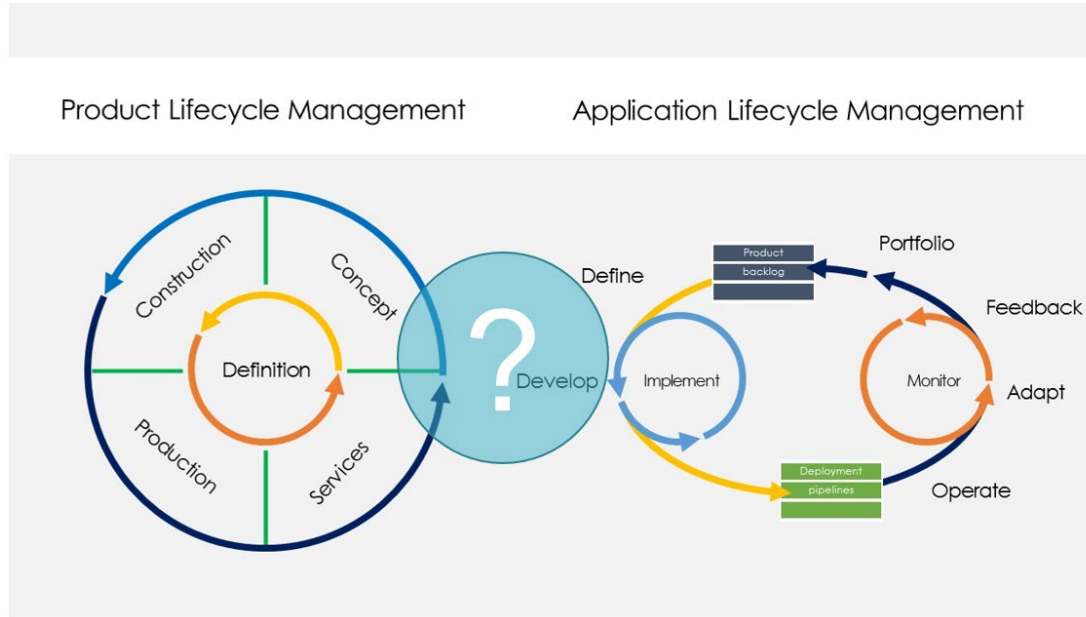
why / what / how on integrations

- Heterogenous and dynamic eco systems
- Data continuity to ensure consistent and up-to-date information
- Consider cloud
- Integration solutions will have to adapt to the future!



Hardware and Software Development: Worlds Apart?

- Project mgmt.
- Product mgmt.
- Part & BOM management
- Design (CAD)
- Simulation
- Systems engineering
- Issue mgmt.
- Change mgmt.
- Supply chain
- Manufacturing

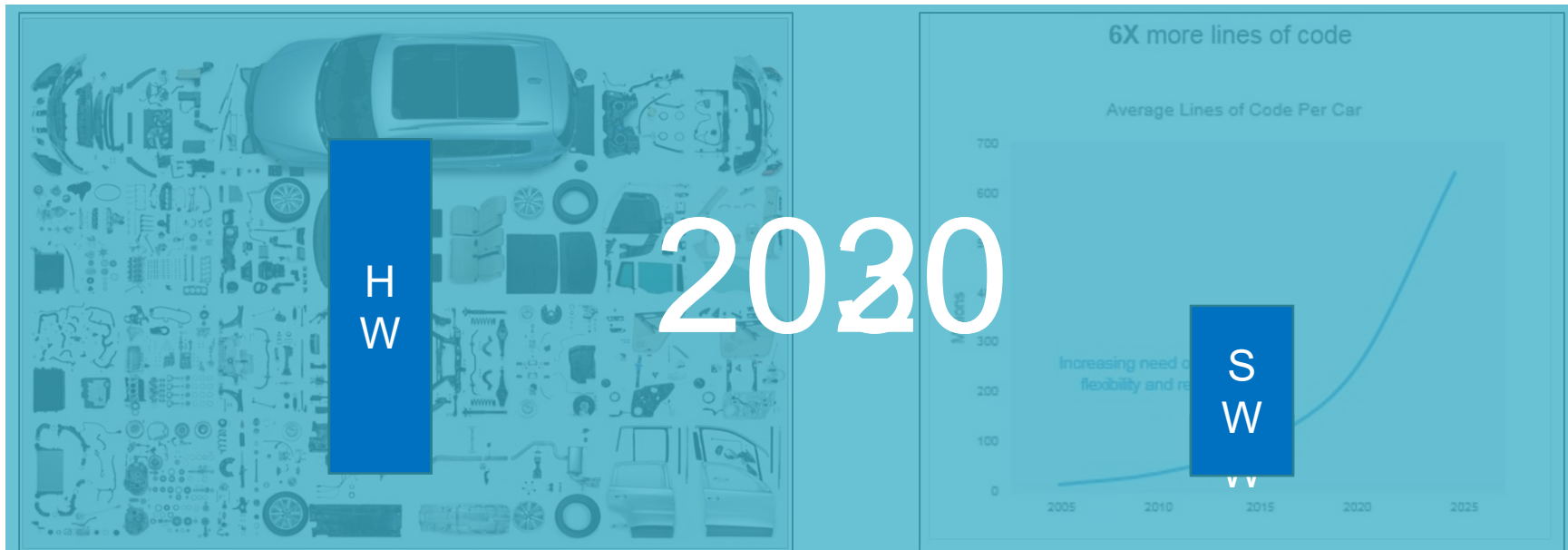


- QA and test mgmt.
- Demand management
- Configuration management
- Build and release
- DevOps
- Task management
- Documentation
- Scrum / Agile

The importance of software is increasing rapidly

Yesterday's Challenge: Managing Parts

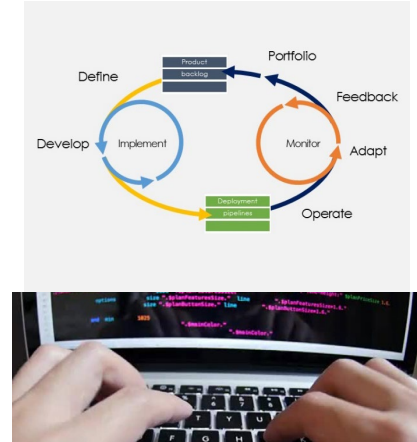
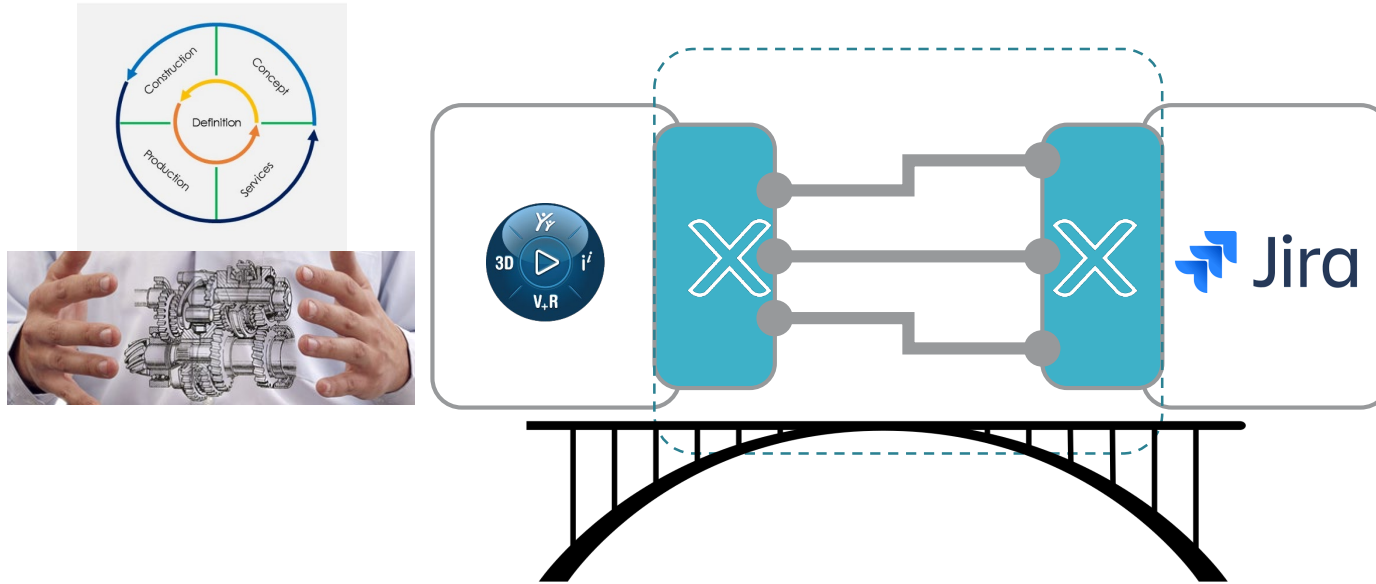
Today's Challenge: Managing Code



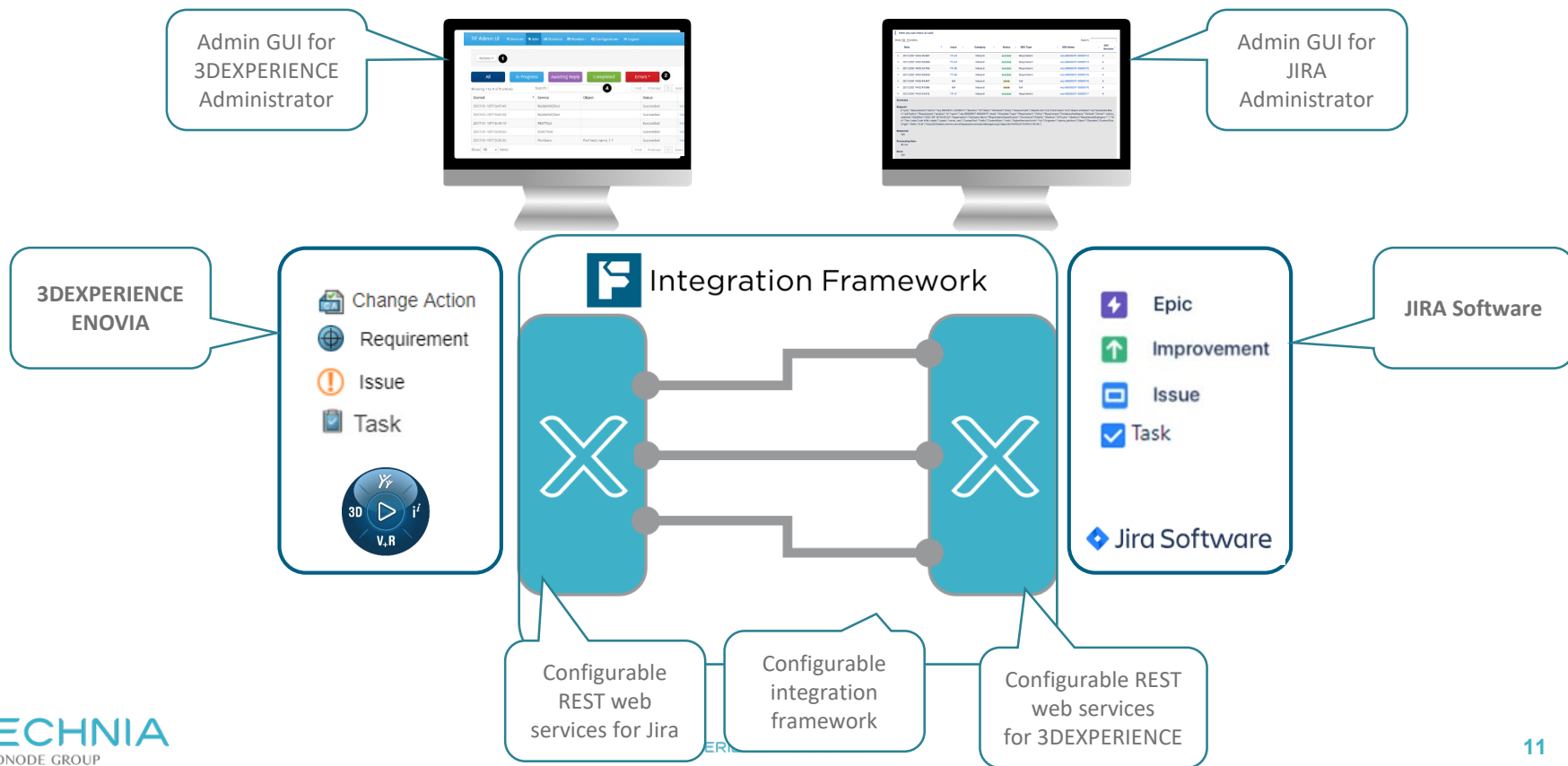
30.000 Parts, and decreasing

200.000.000 lines of code and increasing

3DEXPERIENCE to JIRA Connector

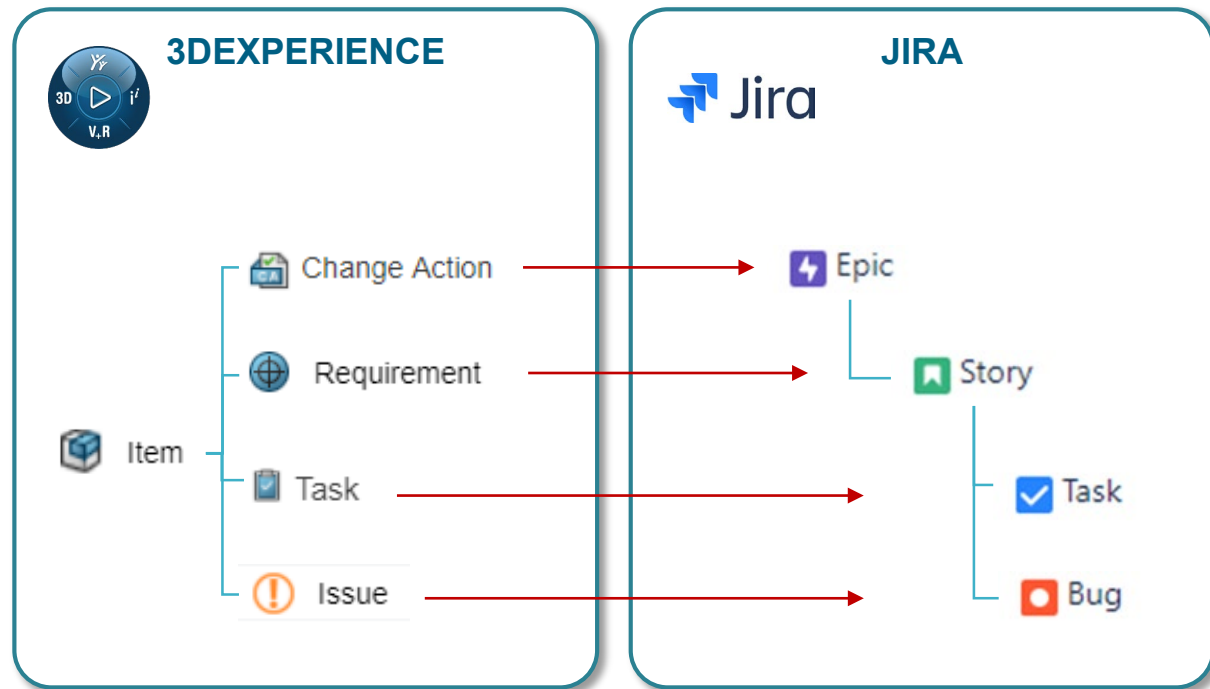


Connector Functional Architecture

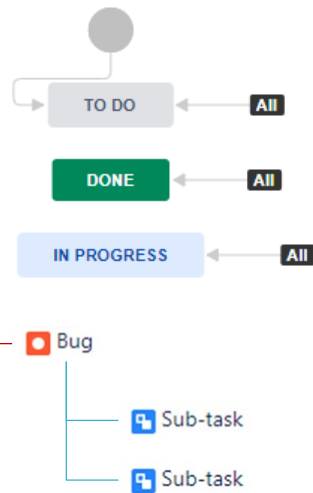
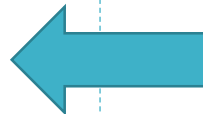
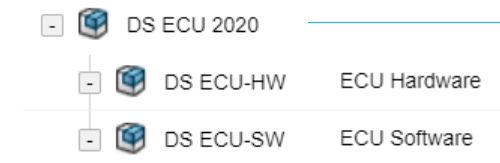


Example Use Cases and Information Mapping

- Change Management
- Requirements Management
- Task Management
 - Ad-hoc
 - Route
 - Project
- Issue Management

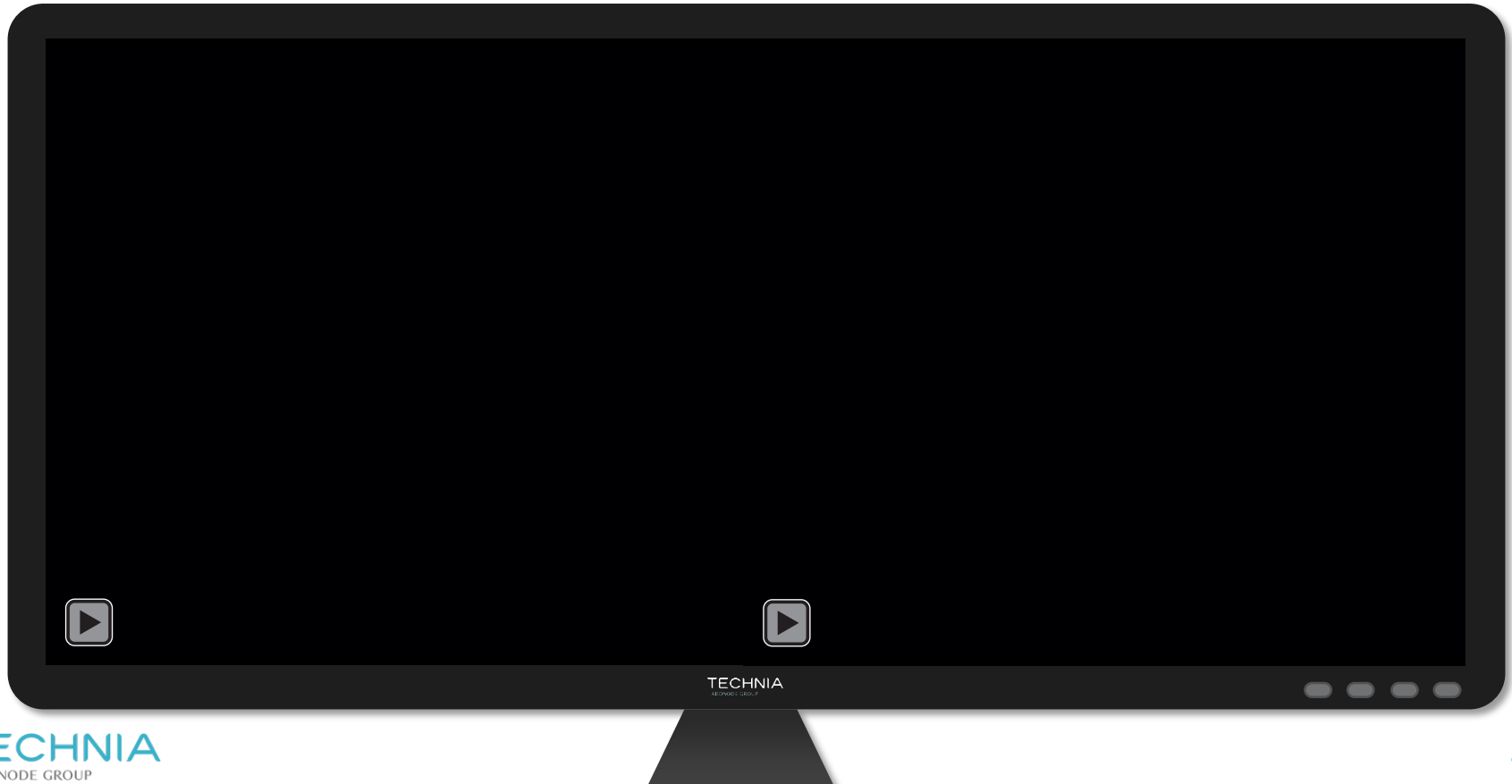


Example Information Flow



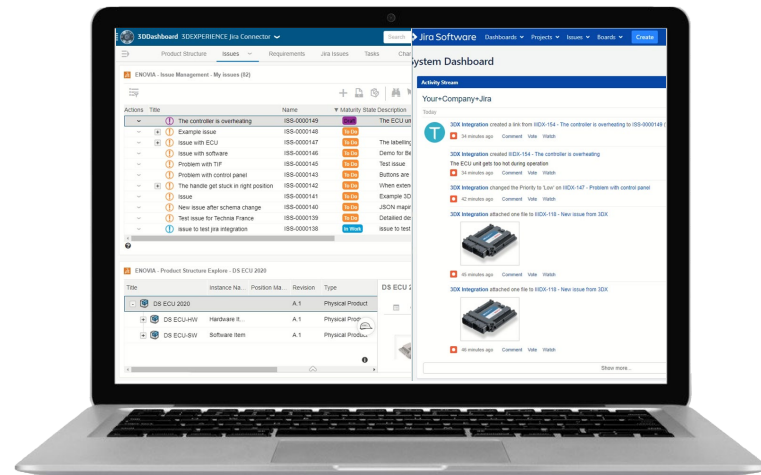
Integration Framework

Publishing an Issue to Jira



Issue Synchronization: Key Benefits

- ✓ Make issues created in 3DEXPERIENCE available in Jira
- ✓ Make bugs and issues from Jira available in 3DEXPERIENCE
- ✓ Keep track of issue status and progress across all teams and disciplines
- ✓ Allow software developers to work in a familiar, best-of-breed environment
- ✓ Maintain traceability to the product definition
- ✓ Keep issues in sync at all times
- ✓ Utilise the strengths of 3DEXPERIENCE and Jira, respectively



In Summary: 3DEXPERIENCE to Jira Connector

Seamless collaboration

Allow hardware- and software development teams to collaborate seamlessly on issues and tasks, while continuing to use best-of-breed platforms for PLM and ALM.

Agile by design

As development processes evolve over time, the connector has built in flexibility to change data- and process mappings on the fly, to meet new business requirements with the smallest delay possible

Proven technology

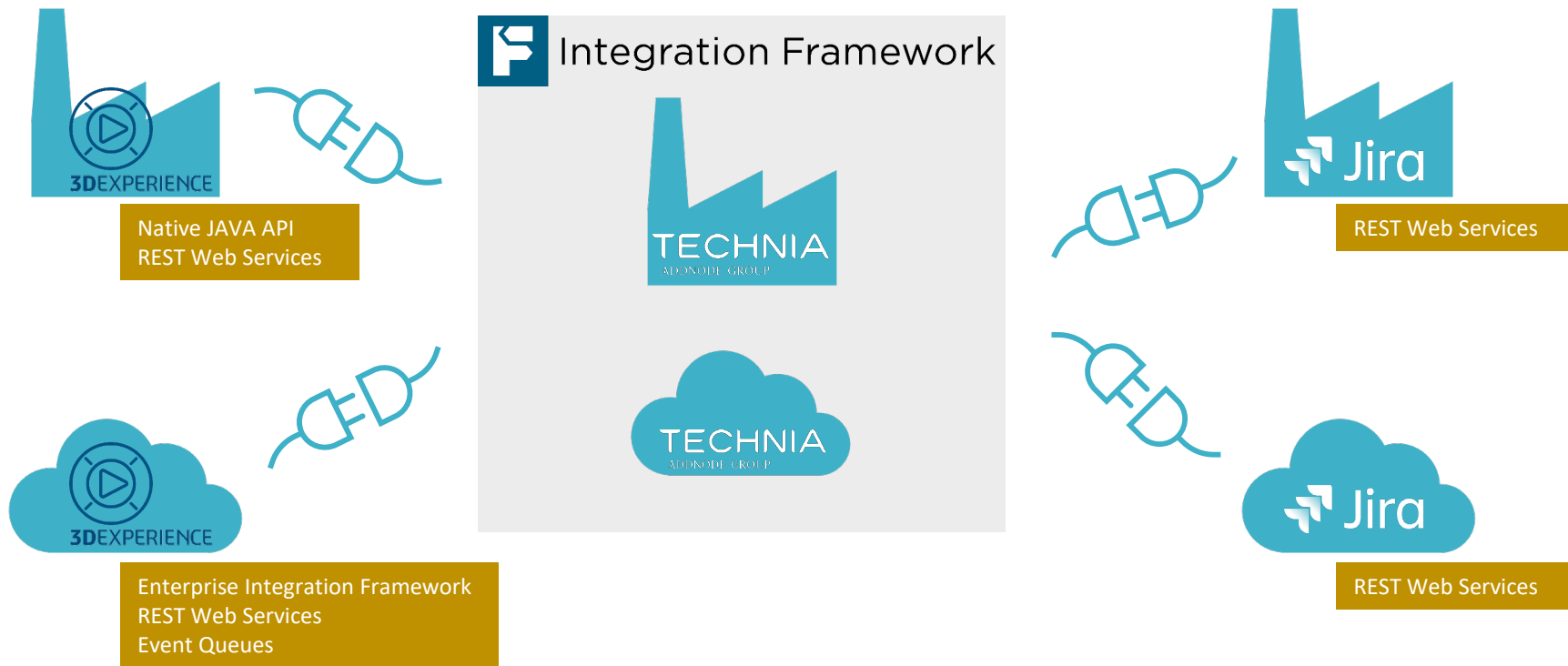
The connector is built on a solid and proven integration framework, based on well established industry standards, to provide the most reliable and secure connection between business critical systems

Short time to value

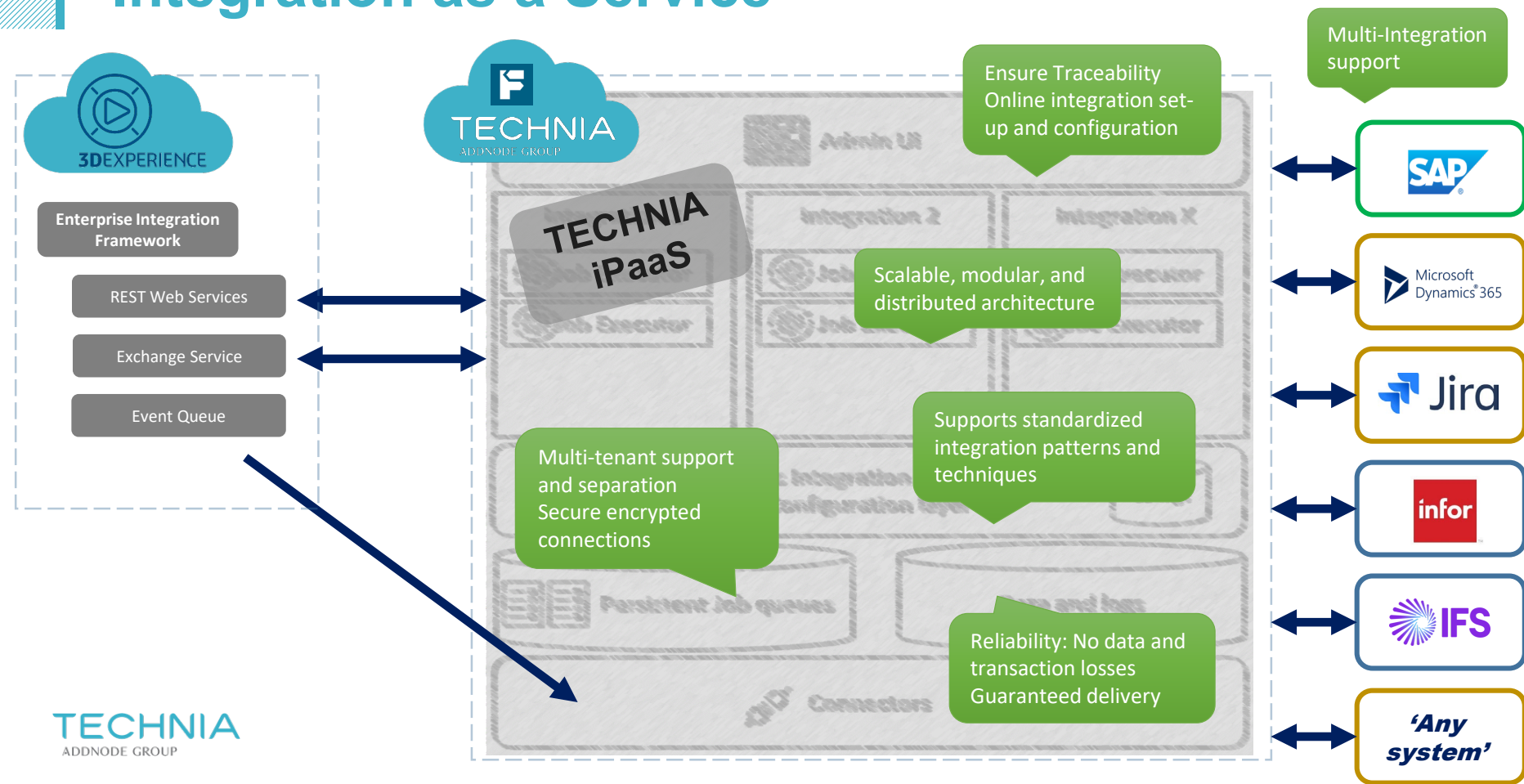
Get started quickly and harvest business value from day one, with the help of pre-configured templates for PLM/ALM interaction, based on industry best practices.



Enabling Any-to-Any connections



Integration as a Service



Key take-aways

- ✓ Enabling digital continuity by enterprise systems integrations drastically improves the value of the complete ecosystem.
 - ✓ Enables an iterative and smaller effort approach to go-live with 3DEXPERIENCE PLM
 - ✓ The right system for the right task
 - ✓ E.g. Bridging the gap between product and software development
- ✓ Historically expensive and complex integrations implementation are now made fast and easy, on-prem or on-cloud independently.
 - ✓ Fast evolvement of the 3DEXPERIENCE Cloud EIF
 - ✓ TECHNIA Integration Framework as cloud iPaaS or on-prem system.
 - ✓ Pre-made configurable template connectors for key applications
 - ✓ A loosely coupled architecture based on standardized integration principles with stable interfaces.

martin.noelle@technia.com

marcus.larsson@technia.com

TECHNIA

ADDNODE GROUP

