

KET 2026



CONNECTERPRISE

Project proposal



Digital Continuity Platform :
Technical data exchange
for Industry

Introduction

Revolutionizing Technical Data Exchange for Industry

ConnectERPrise is pioneering a next-generation **data exchange framework** designed to bridge the gap between complex engineering and global supply chains. As industries face the dual challenge of digital transformation and sovereign data control, our mission is to provide a **secure, interoperable ecosystem** for Product Data (3D models, 2D drawings, BOMs).

Built on a proven TRL4-5 prototype, we empower OEMs and suppliers to move beyond proprietary silos towards a **unified, standard-based digital thread**.



Nicolas Blanchon
ConnectERPrise CEO
& Senior Expert in
Industrial Digital
Continuity





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Mission & Vision

➔ Compliance

To simplify and secure technical data flows by providing cross-sector interoperability.

Our solution ensures full compliance with **ESPR regulations and the Digital Product Passport (DPP)** requirements, allowing technical data to flow seamlessly across heterogeneous PLM and ERP environments.

➔ Sovereignty

To build a decentralized, sovereign architecture aligned with **Gaia-X principles**. We envision a future where **Federated Data Spaces** enable multi-tier visibility, ensuring that material and product data are traceable from design to end-of-life, supporting a truly **resilient European industry**..

Our Solution

➔ Standard Driven

Our platform is built on the ISO 10303 (STEP AP242) and JT formats. By using standards and REST APIs, we eliminate manual data conversion, reducing errors and ensuring that the 3D 'Master' remains the single source of truth throughout the exchange.

➔ Decentralised Trust

Leveraging a cloud-native, containerized architecture, we provide a secure gateway for data sharing. You share only what is necessary, with whom you choose, backed by a traceable audit trail (Blockchain-ready) for every transaction.

➔ Interoperability

➔ Multi-Tier Services

➔ Traceability

➔ Trust & Security



Our Approach



Cross-Sector
Synergy

User-Centric
Co-Design

Academic
Excellence

Institutional
Alignment

"We believe that the 'Green & Digital Transitions' cannot be achieved in isolation. Our approach is rooted in an Open Innovation ecosystem. We bridge the gap between academic research, regulatory bodies, and industrial reality. By fostering a collaborative framework between software vendors and manufacturers, we ensure that our tools are not just compliant, but transformative for industry."

Nicolas Blanchon – CEO at ConnectERPrise

Case study

➔ Context

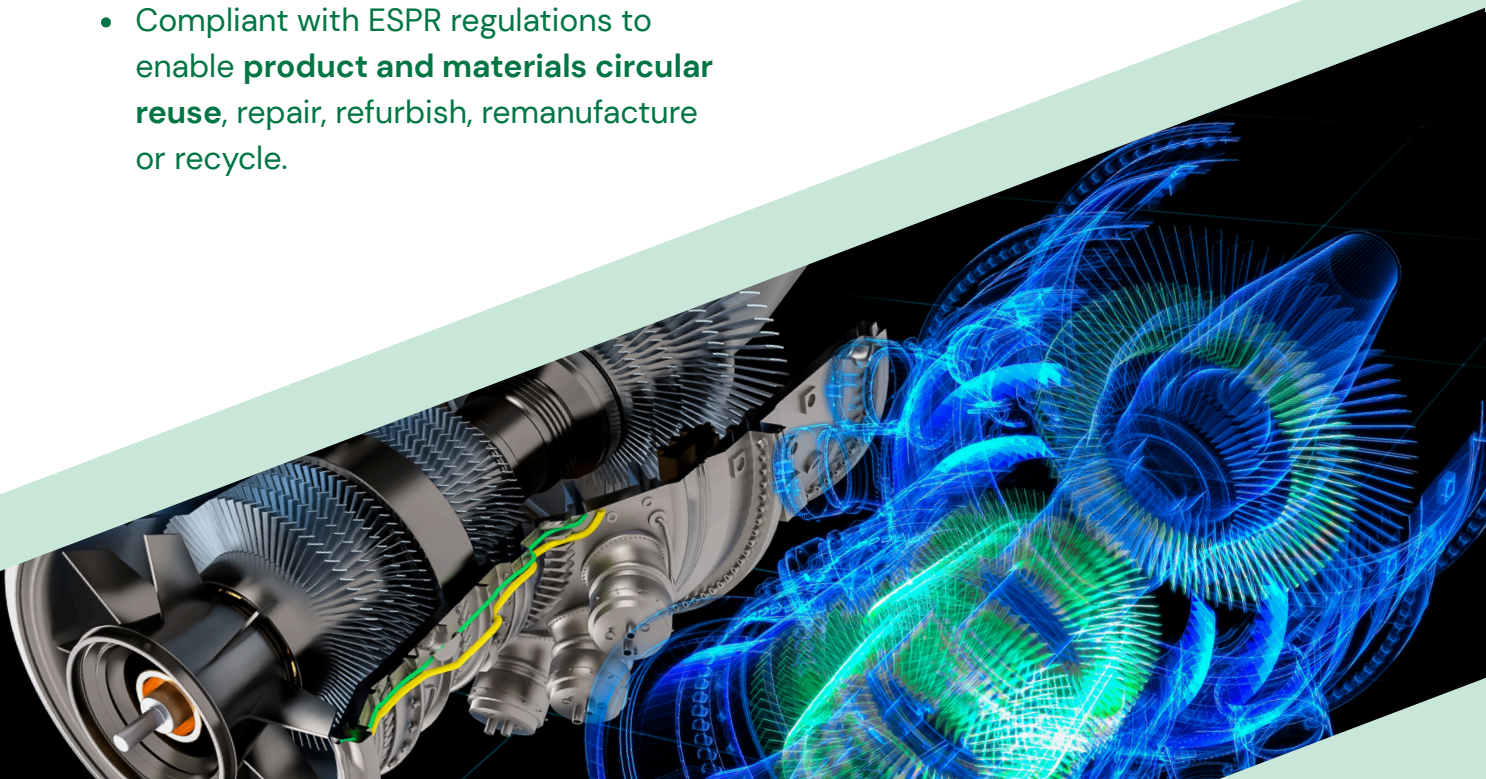
- Digital discontinuities with loss of data integrity and manual re-entry when **sharing 3D models with Tier-N** suppliers.
- Heterogeneity of CAD/PLM/ERP systems, leading to **data conversions** and lack of traceability.

➔ Solution

- A Standard-Driven pipe that reconcile **engineering and manufacturing** metadata.
- Machine to **Machine integrated data** flows from design office to production floor, maintenance sites and end of life / recycle states.
- Compliant with ESPR regulations to enable **product and materials circular reuse**, repair, refurbish, remanufacture or recycle.

➔ Results

- **Seamless Automation:** Reduced errors and delays while ensuring data quality.
- **End-to-End Traceability:** Integration of Unique Identifiers (UID) to link every physical asset to its "Digital Twin,".
- **Real-Time Carbon Footprint:** Immediate calculation of the environmental impact.
- **Sovereign Access Control:** Granular IP protection through decentralized identity management.
- **Circular Ready:** Enhanced capacity for Remanufacturing and Repurposing activities





Contact Us



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