VISION: By 2015, novel service-oriented management methodologies and the Future Internet universal business infrastructure will enable European virtual factories and enterprises to self-organize in distributed, autonomous, interoperable, non-hierarchical innovation ecosystems of tangible and intangible manufacturing assets, to be virtually described, on-the-fly composed and dynamically delivered as a Service, end-to-end along the globalised value chain.

MISSION: Merging concrete needs and short-term requirements from European Manufacturing industry (Manufuture, EFFRA, FoF Strategic Roadmap) with a long-term vision of Future Internet Enterprises / Enterprise Systems (FlnES Cluster, FI Assembly & Enterprise, PPP core platform)

ARCHITECTURE

CHALLENGES

#1 Service and Product lifecycle phases and structures interaction
#2 Impact onto the product portfolio and product characteristics of embracing the most advanced servitization levels

TWO PARADIGM CASES

1. Service Lifecycle shorter than Product Lifecycle
2. Service Lifecycle longer than Product Lifecycle
MSEE Manufacturing Service Ecosystem

**Use Cases**

**VISION:** By 2015, novel service-oriented management methodologies and the Future Internet universal business infrastructure will enable European virtual factories and enterprises to self-organize in distributed, autonomous, interoperable, non-hierarchical innovation ecosystems of tangible and intangible manufacturing assets, to be virtually described, on-the-fly composed and dynamically delivered as a Service, end-to-end along the globalised value chain.

**Industrial system**

- IBARMIA: maintenance ecosystem for machinery remote diagnosis

- INDESIT: domestic ecosystem for white goods appliances after sales services

**Wellbeing ecosystem**

- PHILIPS: wellbeing ecosystem for social multimedia services

- BIVOLINO: microplants ecosystem for made-to-order garments

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**MSEE Consortium**

**INDUSTRY**

- TXT e-solutions SpA

**RESEARCH**

- FinES

**USE CASES**

- MSEE FP7-FOF-ICT - Coordinator