

# MAS4AI

Multi-Agent Systems for Pervasive Artificial Intelligence for assisting Humans in Modular Production

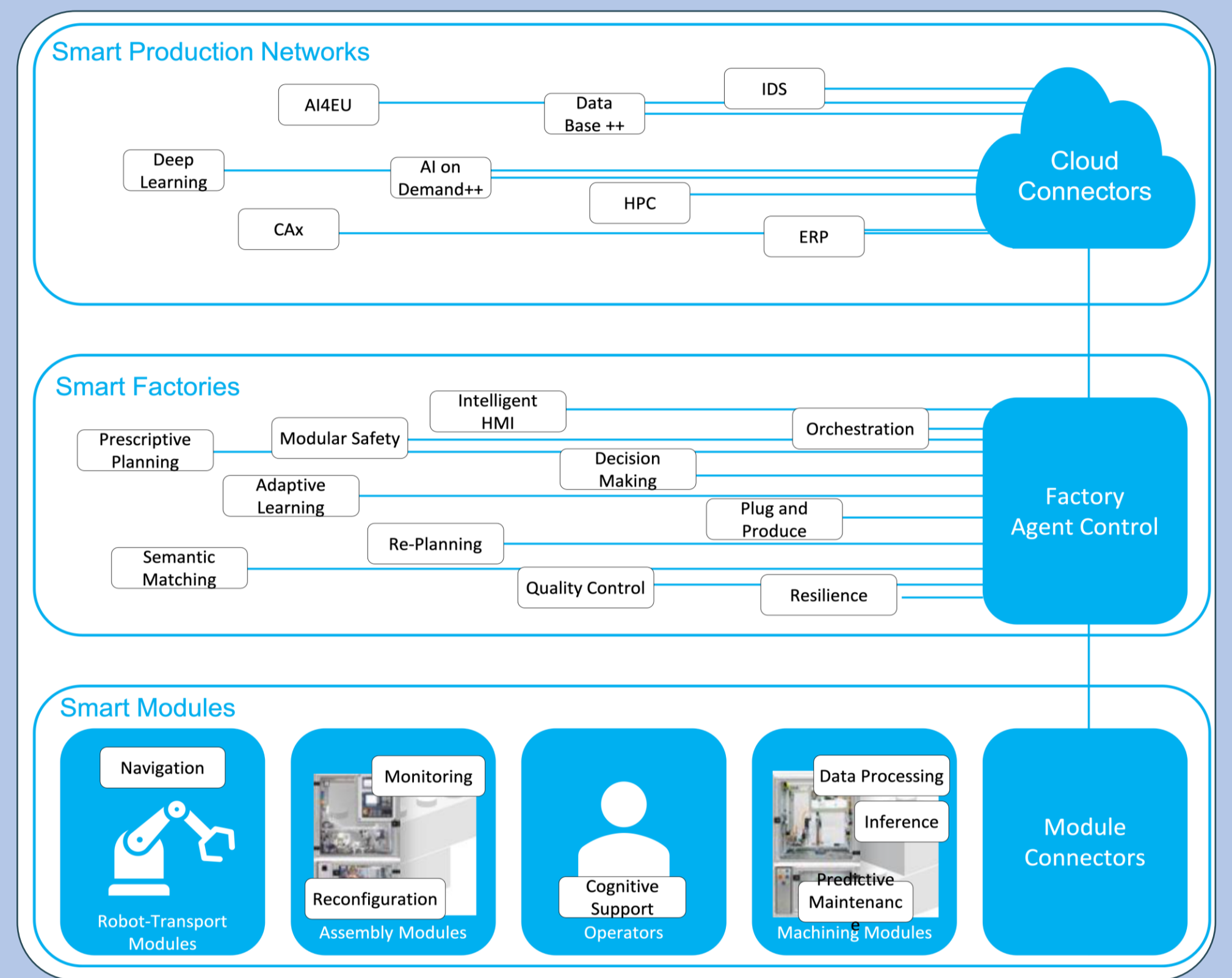
## Project

**MAS4AI** aims at developing and testing a distributed and interoperable AI architecture based on multi-agent technology that contributes to hyper-agility of European factories through modular and flexible production while at the same time keeps the humans in control of the AI technology and creating impact by spreading the technology over large groups of European manufacturing companies.

## Concept

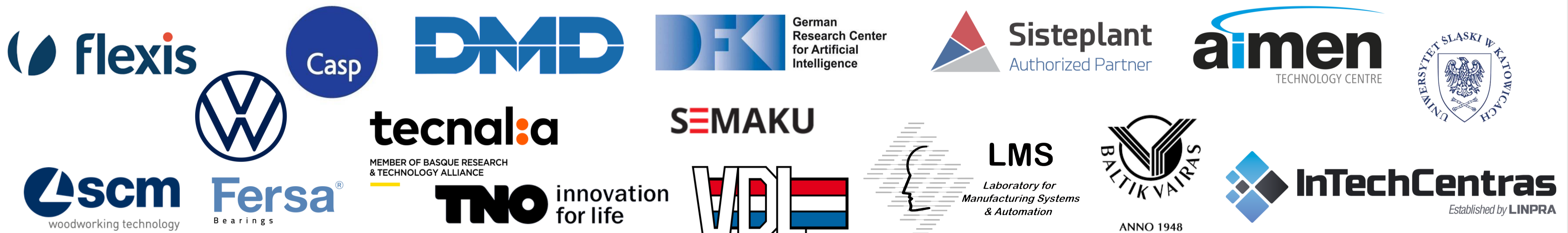
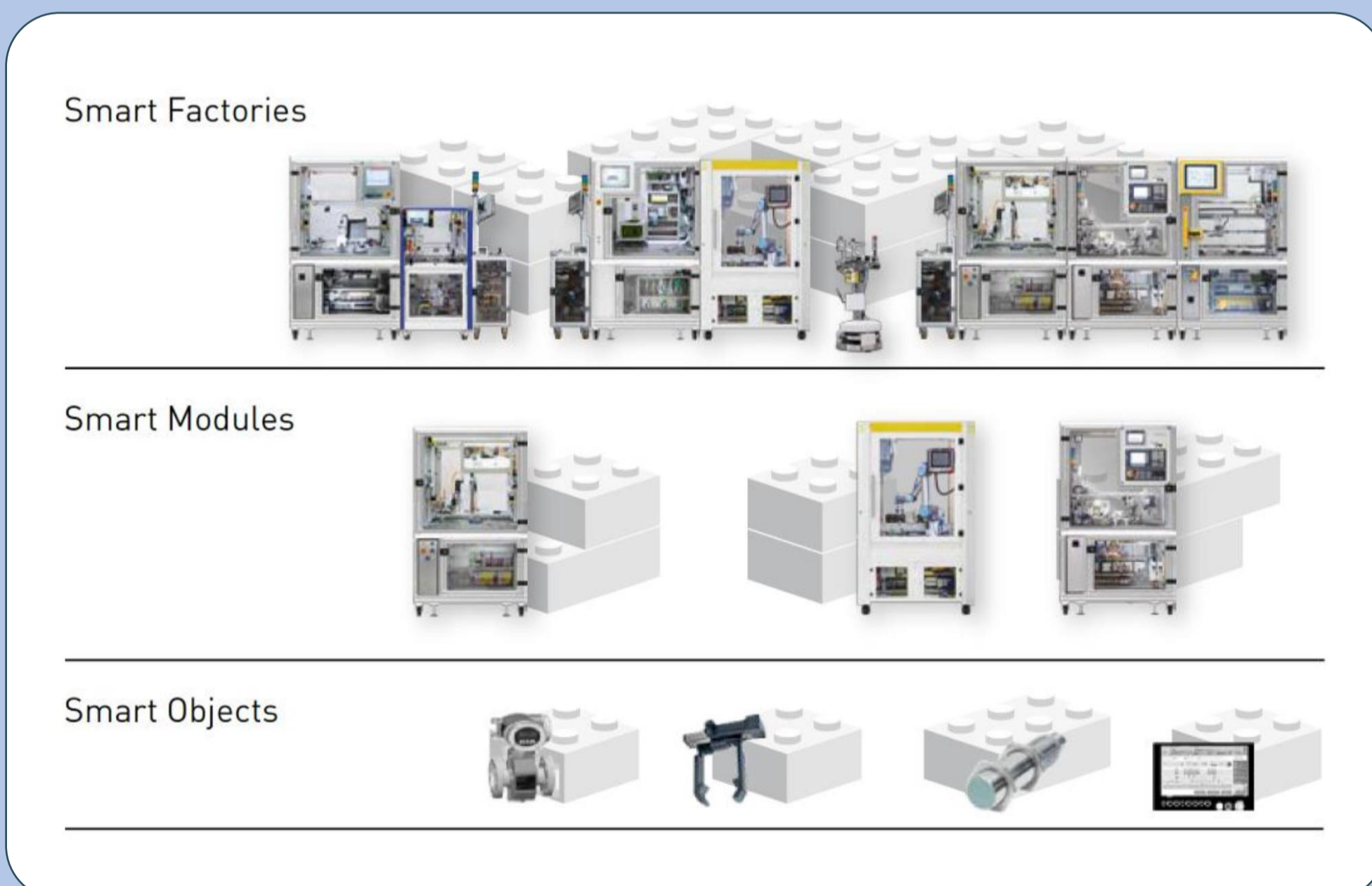
**MAS4AI** concept is based on ready to use technologies in the area of industrial Artificial Intelligence (AI) and Industry 4.0. AI core techniques based on:

- ❖ Symbolic modelling
- ❖ Machine learning
- ❖ Combination of AI methods



## Architecture

- ❖ Control logic decentralization enables the modularization of production and shortens the reconfiguration time for new products.
- ❖ Integrated networks use common language for machine-to-machine communication.
- ❖ Clear specification of interfaces to realize the Plug & Produce concept and the future development of smart factories.



### Contact



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