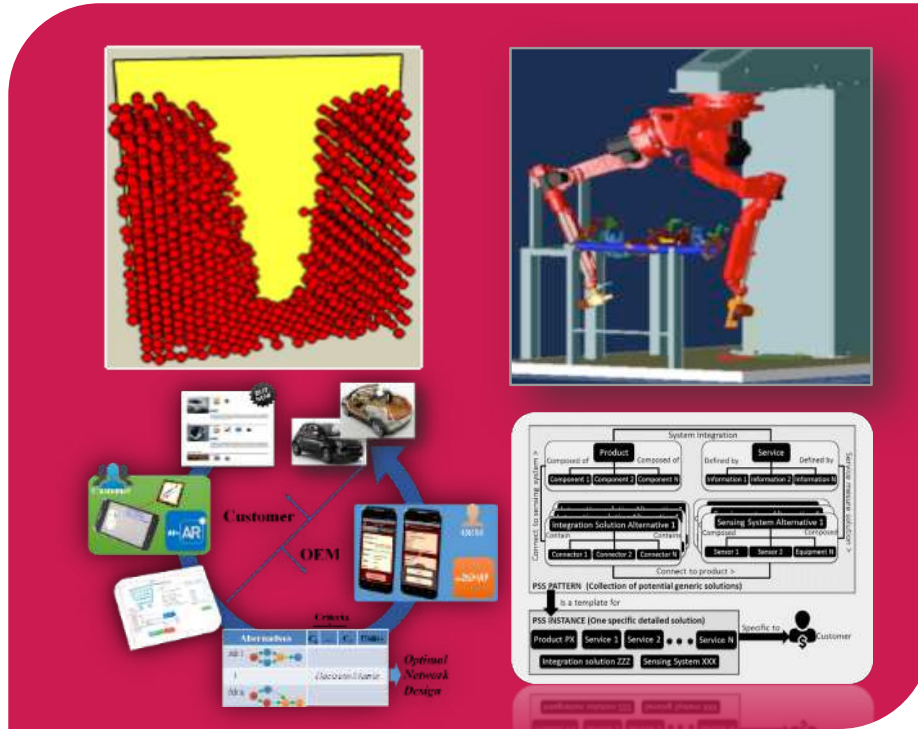


AI in manufacturing – paradigm of Greece

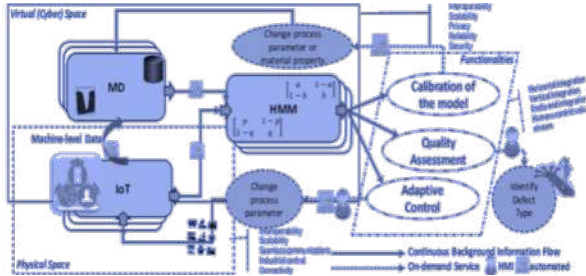


Digital Twin

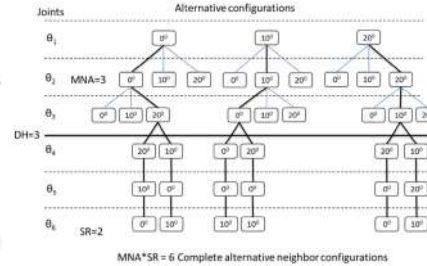
- **Processes:** monitoring, control, modelling, optimization, quality assessment
- **Robotics:** collaborative robotics, flexible materials assembly, motion generation
- **Systems & Networks:** production planning, scheduling, operator support, 14.0 KETs integration
- **Software for Manufacturing:** services design & implementation, MES/ERP/PLM integration

Specific activities

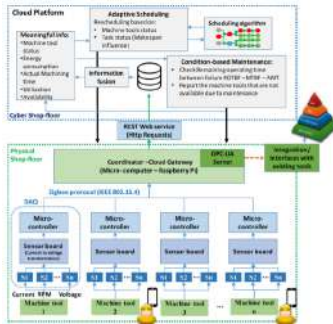
Fusion of physics with other technologies



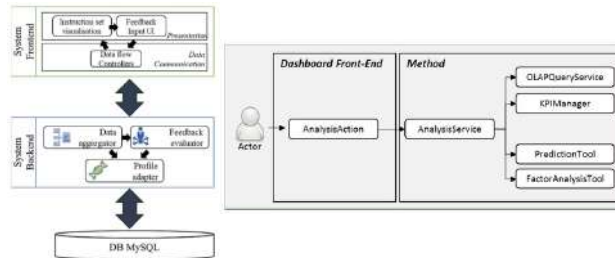
Motion generation



Adaptive Scheduling



Services



EIT Manufacturing RIS hub (Greece)

Hub's mission is to **create added value** for the services and products of **local manufacturing companies** through innovative technologies, research activities performed by academia and internationalization of local networks

Participated in the extension of the hubs through a call for hubs in 7 extra countries.

Identified 33 Actors in local ecosystem:

- Manufacturing: Integrators, Original Equipment Manufacturers, Machine Shops
- ICT: Sensors, Software, Analytics
- Other Sectors: Food Industry, Textiles

Engaged partners in:

- TLF activities (1 participation)
- Proposals (7 participations)
- Digital transformation (4 participations)

Non-technical activities