



UNIVERSITÀ DI PISA



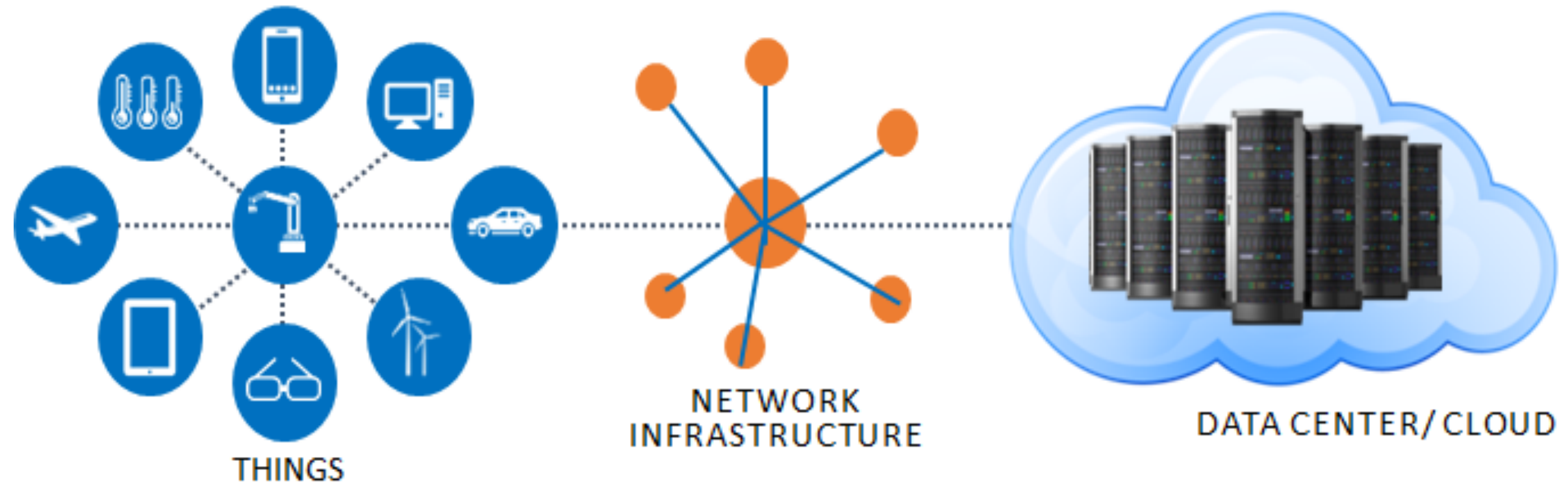
DIPARTIMENTO DI
INGEGNERIA
DELL'INFORMAZIONE



CROSSLAB

Innovation for industry 4.0

Industrial IoT



Technology Transfer, Rapid Prototyping, Research, Education
of
Advanced Sensing, Connectivity and AI Computing solutions
for
**Industry 4.0, Robotics, Autonomous Vehicles, Smart AgriFood,
Green Energy, Health 4.0**



Industrial IoT

LAB for DEMONSTRATORS, RAPID PROTOTYPING, TESTING

1 M€ of Lab instrumentation for

- **Fabrication of Innovative Sensors with Micro & Nanotechnologies**
- **Thermal, Electrical, Mechanical, EMI/EMC Characterization of Sensors, devices, circuits and systems**
- **Silicon Photonics**
- **Printable Electronics & Intelligent Materials**
- **RF & mmWave Wireless Connectivity**
- **Wireless Sensor & Actuator Networks**
- **Software Defined Networking**
- **Network Function Virtualization**
- **5G**
- **RFID**
- **Remote Sensing (Radar, Lidar, Smart VideoCameras)**