INTERNET OF THINGS
RESEARCH, DEVELOPMENT & INNOVATION AT THE UNIVERSITAT POLITÈCNICA DE CATALUNYA (UPC)

The Universitat Politècnica de Catalunya (UPC) specializes in the areas of architecture, science and engineering, including the internet of things. In this field, the main focus areas are:

- Sensors
- Connectivity
- Data science

As a result of the UPC’s recognized research track record in its areas of specialization, we can offer a wide range of services:

- R&D technology transfer projects
- Consortium for national and H2020 projects
- Patents
- Technology assessment
- Specialized facilities

The UPC is the leading university in Spain in volume of research and technology transfer to companies, and has become one of the major hubs of knowledge in Southern Europe.
TECHNOLOGICAL CAPABILITIES

DRONES

ROBOTICS

WEARABLES

SENSORS

MANUFACTURING
- Industrial automation
- Computer vision for quality control
- Additive manufacturing

MOBILITY
- Dynamic urban planning
- Public Transportation
- New mobility concepts
- Traffic simulation
HEALTHCARE

- Digital Health
- Biomechanics
- Patient Care
- Remote diagnostic
- Sport technologies
- Assisted living
ENERGY
- Energy management
- Energy storage
- Smart grids
- Modelling & simulation

INDUSTRY 4.0
- Industrial communication
- HMI
- Collaborative robotics
- Logistics
- Cybersecurity