

Center of Excellence: High-Tech Industrial Solutions



Services

- Electronics engineering
- Mechanical engineering
- PLC and robotics
- Product development
- Project management
- Software development



Software

- Digital Twin
- Custom software development & integration
- IoT & connectivity
- Data acquisition & instruments control



Systems

- Machine vision
- Customised inspection and monitoring
- Robotics with cameras & sensors
- Measurements
- Predictive maintenance
- Rapid prototyping of electronics

Monitoring of energy consumption, CO2 emissions (also on individual machines in the line)

Vibration measurements, machine monitoring (Predictive Maintenance), machine vibration audit

Design /programming of FPGAs

AI/ML/DL

Blockchain

Design and construction of digital twins (hardware-software)

Design of 2D, 3D measuring systems (vision, touchscreen)

Programming of industrial robots

CAD design, construction of mechanical structures (enclosures, fastening systems, industrial instrument constructions, constructions for small batch industrial systems (MV, testers, etc.)

Other services

IoT, IIoT

The Team has worked for, among others:



EATON

PORSCHE



ZIMMER BIOMET