

SMILE

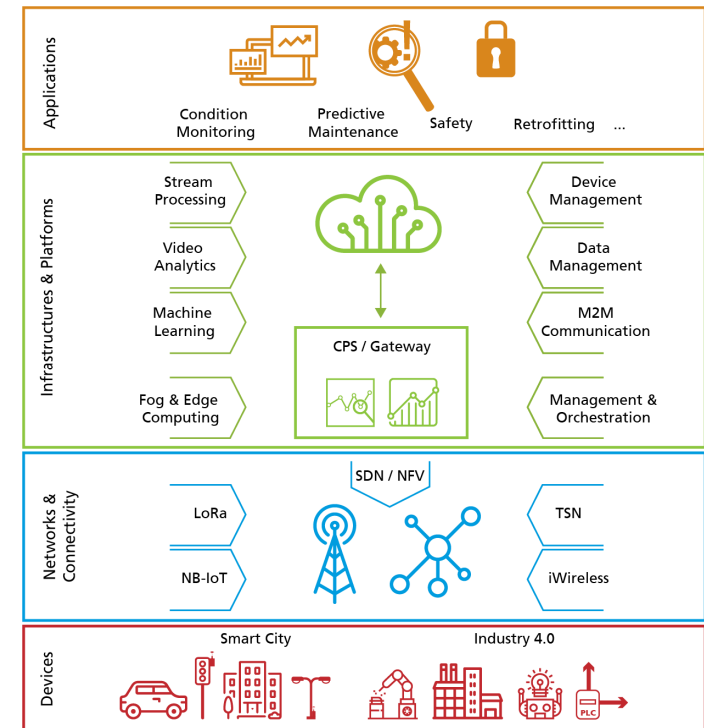
*Smart Monitoring IoT Learning Ecosystem
Industry 4.0*



Industry 4.0

Smart Monitoring IoT Learning System (SMILE)

Cloud platform that provides "as-a-service" monitoring services and subsequent intelligent control of an ecosystem of processes that characterize the corporate "life" of a factory through the use of automatic techniques with the support of machine learning and supervised and unsupervised deep learning, artificial intelligence and innovative IoT sensors equipped with advanced communication algorithms.



Industry 4.0

Smart Monitoring IoT Learning System (SMILE)

- advanced integrated system for monitoring and controlling IoT sensors
- process-independent predictive and perspective maintenance systems based on the use of unsupervised and supervised machine learning algorithms
- acceleration of the learning phases for the detection and prediction of anomalies through the analysis of inter-factory data of homogeneous data, measured in different factories
- alert communication system
- smart dashboard
- design and development of innovative IoT sensors
- monitoring the reliability of a given sensor (life time prediction) and the quality of the measured data

