

# IOT IN MANUFACTURING

## → WHY IOT

- With IoT solutions, telecommunications companies gain critical business advantages and increase their market share and profitability. With IoT devices, they can retrieve all information about the status, operation and occupancy of the network, user experience and needs of their subscribers.
- Telecommunications companies have major opportunities to use IoT for creating new business models, based on data-driven services.
- The emerge of improved network capabilities (5G) will allow providers to perform real-time and advanced IoT services and data monetization for v segmented groups of users.
- Intelligent, automated networks that incorporate next-generation technologies and IoT services will be critically important for services like autonomous cars, smart homes, reducing traffic jams, smart medical devices, etc.

## → BENEFITS OF USING IOT

- Optimizing network operations
- Increased customer satisfaction and loyalty
- Mass personalization of offers
- Data monetization for additional services e.g. targeted content advertising
- New revenue stream from IoT services

## → HOW WE CAN HELP YOU

- 1. Defining IoT Strategy**
  - Analyses of your business challenges,
  - IoT Strategy and new business processes
- 2. Proposing architecture and Design**
  - Planning, integration and implementation of IoT environment tailored to your needs.
- 3. Implementation services**
  - Deployment, management and integration of data and information systems.

4. **Creating a Data Environment**
  - Creation of data environment for the needs of AI, machine learning and other analytical processes.
5. **Deployment of analytical systems and platforms**
  - Optimize your operational and business decision-making with real-time data analysis.

## → OUR TECHNOLOGIES

**MapR Converged Data Platform** enables the industry to mine into the operational data by tapping into all data—sensors, operational applications, precision robots, and fleet management – to converge it onto one platform for processing and analysis, regardless of where the data is located. It is a fundamental platform to start creating advanced AI and ML applications. MapR enables simultaneous analytics and applications, so manufacturers can connect machines, people, and analytics to derive business value from the digitization revolution that this industry is undergoing and develop new business models.

**Exsaol** is a high-performance s database, designed specifically for in-memory analytics in real-time. It is the fastest analytics database in the world, which enables AI & ML. Exsaol provides a high-level of stability, flexibility and is a future-proof solution.

**Talend Cloud Integration Platform** gives users the power to harness data from any source and migrate it to virtually any application, location, or analytics tool. 900+ connectors make it easy to migrate data between applications while providing the agility needed to stay ahead of the IoT data curve.

**MicroStrategy** is a powerful BI and analytics platform, designed for development and management of all BI systems, enabling a standardized data visualization. With , comprehensive toolsets, variety of data connectors, and scalable, open architecture, MicroStrategy ensures you have everything you need to extend access to analytics across every team and business function.

## → WHY CHOOSE OUR SOLUTION?

Our solutions will allow you to reach a competitive edge both in operational and analytical environments because they excel in performance, reliability and support integration with your existing systems.