HS-IOT-CONNECT

HIGHSPEED IOT CONNECTIVITY BETWEEN SHOP FLOOR AND INDUSTRIAL CLOUD

ENABLE INNOVATIVE INDUSTRY 4.0 USE CASES

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SMART**UNIFIER**

PROJECT CONCEPT

In Industry 4.0, near-real-time machine connectivity is the backbone of progress. **HS-IOT-CONNECT**, a new feature for SMART**UNIFIER** was born from the need to bridge the gap between machines and the digital world for big data in real-time. Our goal: to make connectivity with a new module for SMART**UNIFIER** efficient, standardized, and accessible for data-intensive use cases.

CHALLENGE & SOLUTION

Challenge: Traditional methods fell short in the era of IoT, where machines demanded seamless and intensive data exchange.
Solution: **HS-IOT-CONNECT**, a revolutionary software solution, optimized and standardized near-real-time machine connectivity, setting new industry standards.

USE CASES

Case Study - Quality Monitoring

In a sophisticated laboratory setting related to battery production, **HS-IOT-CONNECT** facilitated quality monitoring by accumulating high-frequency data from machines and nearby sensors. This information was flawlessly incorporated into the SMART**UNIFIER** platform, providing real-time insights for proactive decision-making.

Case Study - Condition Monitoring

In the realm of paper manufacturing and cutting facilities, **HS-IOT-CONNECT** enabled near real-time condition monitoring of complex machine parameters like fast changing pressures, currents and voltages. By collecting high-frequency information in real-time, the system bolstered safety and efficiency, concurrently optimizing maintenance timelines for improved output of the production machines.

DIGITAL TRANSFORMATION AT A GLANCE

- **Condition Monitoring**
  - Real-time monitoring for optimal performance.
  - Early issue detection ensures uninterrupted operation.

- **Predictive Maintenance**
  - Access to real-time data for efficient maintenance.
  - Reduced downtime, and enhanced productivity.

- **Production as a Service**
  - Streamlined data enables "Production as a Service".
  - Agile, on-demand manufacturing solutions.

We'd love to hear from you.
Get in touch with us.

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