WHAT DOES A FULLY DEPLOYED SORBA IoT SOLUTION LOOK LIKE?

**CONSEERO INC AUTHORIZED SORBA IoT SOLUTION PROVIDER**

**NEW AGE MANUFACTURING**

EMPOWERING INDUSTRY TO MAKE DECISIONS AND SOLVE PROBLEMS

**WHAT DOES A FULLY DEPLOYED SORBA IoT SOLUTION LOOK LIKE?**

- **SIMPLE**
  - Simple Industrial IoT end to end solution. Easy configuration from your sensor to predictions. No programming required.

- **COMPLETE**
  - From Reactive to Proactive, SORBA enables machine intelligence. Integrate and manage devices, collect and store unlimited data, predict to prevent failures.

- **ENTERPRISE**
  - SORBA platform built to allow enterprises to securely connect, process and analyze critical asset data all while managing at scale.

Consero INC is an authorized solutions partner of SORBA IoT, the worlds most advanced, enterprise, Industrial IoT platform. MRO professionals, Engineers, and Managers worldwide rely on the simple SORBA platform to manage and execute OT & IT Industry 4.0 initiatives. SORBA IoT empowers the Steel/Metals industry to significantly improve OEE metrics for equipment efficiency, increase capacity with no new capital projects, reduce operating expenses to improve profitability. With measurable ROI, SORBA IoT delivers the bottom-line results that industry is craving for. Ask us about our success stories and Harness The Power of Your DATA Using Tomorrow’s Technology.

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SORBA IoT has been uniquely designed to serve as your enterprises virtual operator hard at work 24-7 solving Steel Industry’s most pressing business challenges. The SORBA platform has an easy setup that is all wizard base with no configuration required that addresses from day 1, the pain points faced frequently in both Hot & Cold sides of the mill, such as intensive OpEx maintenance costs, unplanned downtime, and poor quality production. Furthermore, assets, both people and equipment, can be connected across the entire enterprise with actionable insights made available to all levels of the organization.

SORBA IoT OVERVIEW

Unplanned downtime, ever rising production costs, and inefficient maintenance methods continue to cost Steel & Metal companies billions of lost revenue each year. SORBA is shifting the paradigm of maintenance, reliability, and operations from reactive to PROACTIVE. The SORBA industrial Hardware/Software solution, was built to improve the bottom line of all manufacturing business units with the technology of tomorrow. No other industrial IoT solution can deliver this amount of operational economic value.

SORBA: DOING WHAT WE DO BEST, AUTOMATION

The market for Machine Learning and AI applications has grown rapidly and continues to surge. IDC estimates that spending on machine learning and AI solutions will exceed $57 billion by 2021, and by 2026, IDC predicts 75% of all enterprise software will include some aspect of machine/deep learning for predictions, recommendations, or advice.

WHAT MAKES SORBA IoT DIFFERENT?

- Open/Transparent Platform – Your Data is Never a Black Box
- World’s most user friendly ML automation tool. No coding, no data scientists, no configuring... No PROBLEM.
- Industry’s only industrial edge processor performing Real-Time Data Collection & Big Data Predictive Analytics all on the EDGE.
- Built in Asset Framework allowing OT & IT to properly manage millions of problem solving algorithms for deployment across a fleet of locomotives, facilities and countless other critical assets.

SORBA IoT predicts critical asset failure identifying corrective action at its earliest stage before costly degradation begins leading to equipment failure or poor quality in production.

SORBA IoT TOOL BELT

SORBA - Smart Data Collector
Industrial IoT Data Collection/gateway device capable of Advanced Edge Analytics & Machine Learning Edge Processing.

SORBA - Machine Learning Engine
4 mouse click process to analyze Sensor, PLC, and Historian data for the most advanced predictive analysis in the market.

SORBA - Big Data Historian
A complete end-to-end, distributed, enterprise historian solution for all your assets, offering unlimited storage, data processing power, scalability and visualization.

ADDITIONAL SOLUTIONS

- Asset Framework
- Process Optimization
- Improve OEE Metrics
- API Integration
- Remote Access, Management - and Updates
- Sensor Packages

WHAT IS A SORBOT?

It is a smart agent or algorithm created by the SORBA machine learning process. This SORBOT now serves as your virtual operator ready to perform complex analysis, predictive outputs and provide early stage detection.

MEET OUR FAMILY OF SORBOTS

SORBOT – Classification Agent: Detects unique patterns related to failure, quality, safety and environmental events providing very early stage notification.

SORBOT – Regression Agent: Predicts values used for advanced control and virtual sensor simulation predicting production models and equipment lifecycle.

SORBOT – Hybrid Agent: Combines machine learning with analytics & logic rules engine (Real-Time, Batch, Interactive) for complex advanced predictive control, analysis and alarming.