

IoT Data Insights with SENTRY

The solution for distributed edge data ingestion and processing

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Turn data ingestion into a business-friendly service with Sentry

Telemetry asset management is a complex and expensive business. With Sentry, businesses can independently configure data acquisition and monitor every aspect of their IoT fleet.



CHALLENGES

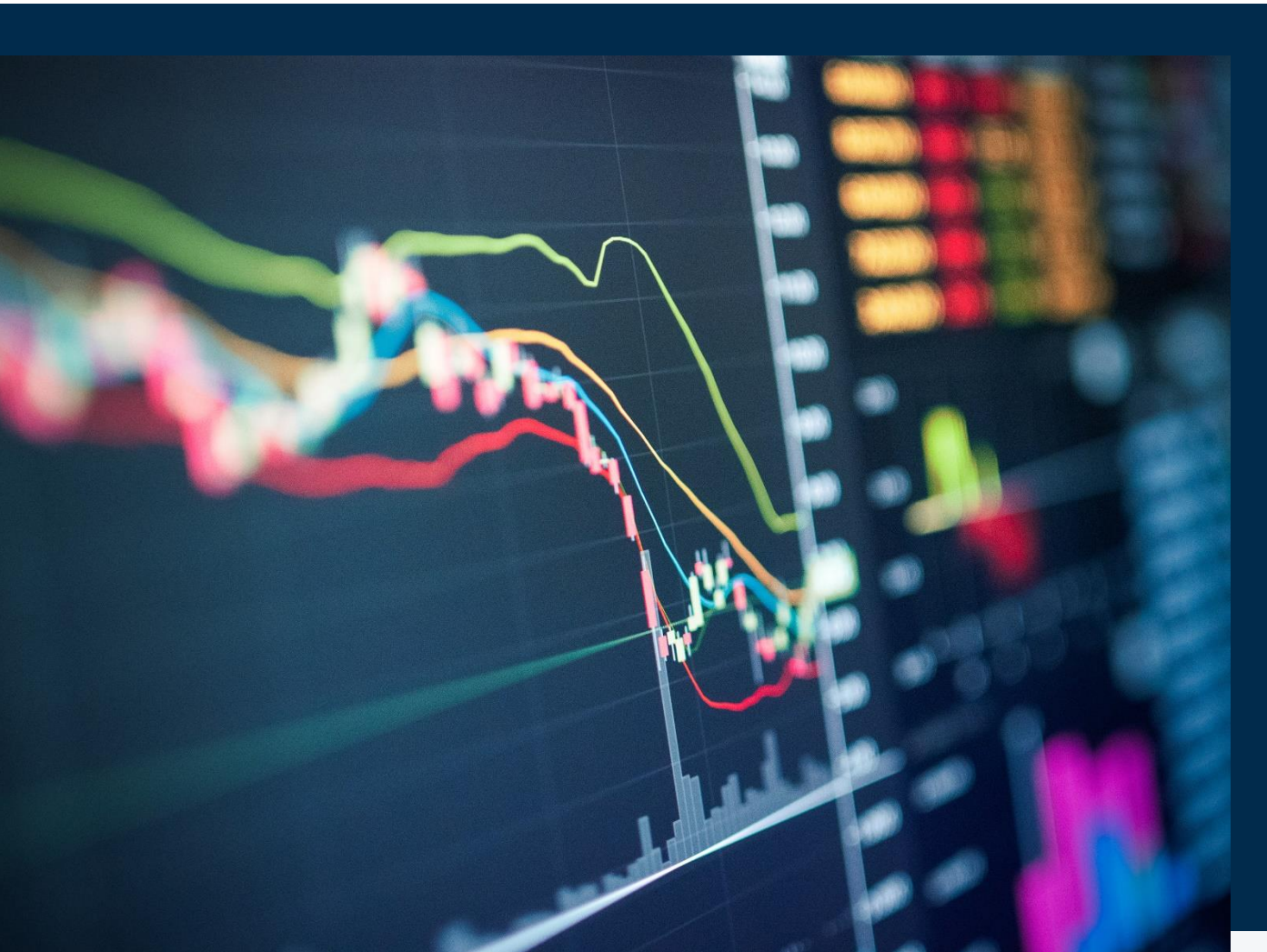
Companies need a central point in the cloud where they can collect asset-generated data so they can view and manage direct alerts as well as those derived from noncompliant use.

IDEAL SOLUTION

A configurable and secure PaaS data gateway such as Sentry allows IoT data to be moved to the cloud by enabling data analysis and the use of algorithms from EDGE AI.

DESIRED OUTCOMES

Thanks to our solution, data can be immediately explored through pre-built dashboards designed to meet the increasing needs of manufacturing companies.



Sentry – IoT Data Insights

PAAS, configurable and ready to use solution to quickly implement asset monitoring and data analysis in IoT and EDGE scenarios.

1

REMOTE ASSET configuration

Companies can independently configure the connection nodes and immediately view the data transported in the cloud

2

Evaluating signals and CREATING ALERTS

Fault alerts can be customized using the alert rule configuration engine

3

SECURE CONNECTION between the edge and cloud

Two-way communication and monitoring of edge software from the Azure Portal

Sentry: Data Insights served by Azure IoT Edge and Azure ADX

A ready-to-use solution to immediately bring asset IoT data to the cloud and make it explorable while lowering cost and deployment time

Event and WARM ANALYTICS at the edge

By creating high- and low-priority data streams, customized analyses can be generated at any process stage.

Unlimited Telemetry Storage

Your data are safe and always just a click away with the scalable TimeSeries DB which lives in the cloud.

Immediately searchable telemetry dashboard

Telemetry data analysis dashboards are already structured on key market needs, which are customizable by users if needed.



Customer success: System Logistics cut maintenance costs up to 30% with Sentry

“System Logistics is a global leader in innovative intralogistics and material handling solutions. We were looking for a digital partner that could support us in the implementation of an IoT product enabling complete asset monitoring. We needed a solution for effective asset management, asset routine optimization, and management of extraordinary maintenance within production. [...] beanTech proved to be the ideal partner, which helped us “connecting the dots,” by guiding us in data cleansing and analysis. beanTech provided us with an innovative and cutting-edge product that would enable the linking of assets in a harmonious and functional ecosystem, in order to ensure clear visibility to customers and users and enhance the services offered, as well as plant performance”

CUT DOWN UNEXPECTED MAINTENANCE

Machines are monitored in real-time by warning the manufacturer in advance about driver misuse.

CENTRALIZE DATA & INFORMATION

The solution offers a single point of control to collect operating performance and alarms of installed products

BOOST AFTER-SALES

Thanks to structured data, the service department takes timely and precise actions in order to meet the customer needs.

Connect your assets to monitor their efficiency with Sentry

For more information:

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