



Bosch IoT Suite

Insights

Service Descriptions for Bosch IoT Insights

Service Name

Bosch IoT Insights

Service Description

Bosch IoT Insights is a fully managed cloud service for data management & analytics. It integrates all needed features like data ingesting, processing, normalization, enrichment, storage, visualization and analytic model execution in one service.

As a user you do not need to care about infrastructure, scaling, monitoring, 24/7 availability or security, we take care about this for you.

IoT Insights provides the basis to optimize devices and functions and to develop your new services and digital business solutions.

You can use this service to process data generated by any device in any data format. The data you send to the cloud is first stored unmodified as sent in (raw format) using a object storage, supporting you in review and audits and allows for further analyses. To ensure a seamless integration of your data, Bosch IoT Insights supports numerous connectors such as HTTPS, Bosch IoT Device Management, Bosch IoT Gateway Software or Bosch IoT Remote Manager.

Once stored, the service enables you to decode, normalize, enrich, cleaning or customized processing of your data. In a next step, you can query your data based on NoSQL/ MongoDB and visualize it using widgets via user-defined dashboards. In addition, Bosch IoT Insights also features interfaces to common third-party data-analytics tools such as Matlab, Excel, and Tableau.

Features:

- Configurable dashboards / data visualizations (Configure your own views)
- Data ingestion (uploads up to 50Gb)
- Customizable data processing (Dedicated customizable stream processing with custom logic)
- Masterdata management (Manage and store device meta information based on IoT Things)
- Domain standard format decoding (MDF, ODX, DBC, A2L, Fibex, Google Protocol Buffers)
- Extended User and Rights management (Define and manage who can see what)
- Comprehensive Data and Process Transparency supporting Traceability and Auditing

System Requirements

- HTTPS with TLS 1.2 is required to use the Service API 1 and 2
- For web based user interfaces: Desktop browsers: latest stable version of either Mozilla Firefox, Google Chrome or Microsoft Edge.

Privacy Leaflet

Find information about data protection and privacy topics of the service in the [Privacy Leaflet](#).



Bosch IoT Suite

<https://bosch-iot-suite.com/>
<https://www.bosch-digital.com/>

Imprint

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