

IoT Management

Aggregate any data source such as connected objects, enrich them with other data sources to transform more data into actionable intelligence



CONTEXT

The IoT wave, new strategic challenge for companies

Connected objects are now part of the daily lives of more and more consumers and businesses, with more than 21.5 billion items expected in 2025 by IoT Analytics. And the promises for economic activity are enormous, as suggested by this KPMG study published in 2018, telling us that IoT is ranked as the top driver for business transformation, before artificial intelligence and robotics.

Proliferation of smart sensors, massive adoption of IoT devices, integration of new applications, raise questions about the amount of data generated by the connected objects, as well as their processing.

CHALLENGE

Operationalization challenges

However, a deployment strategy and a processing architecture adapted to IoT are often complicated to implement and bring many questions to the table. Business models, marketing of additional services, organization ... but especially exploitation of the data, as the abundance and the nature of this one are sources of new challenges: collection, frequency, availability, formatting, update among others.

Data from connected objects put enormous pressure on information systems of companies that must pay particular attention to access to IoT data, their security, but also must learn to reduce downtimes and know how to manage the important flow data.

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SOLUTION

Power IoT data with ForePaaS

The ForePaaS platform makes it possible to build a value chain including IoT data in record time, without being slowed down by technical complexity, dedicated to a specific business use case as identified upstream.

By providing, within a single tool, all the components necessary for the rapid deployment of IoT projects (connectivity, collection, storage, processing and exposure), coupled with a capacity to handle large volumes of data in real time, it is a real accelerator to carry out an initiative integrating IoT. It includes:

- An ability to integrate IoT data and to cross-reference them with data from other sources, external, internal or open
- A Platform as a Service backed up by cloud resources to handle any load without technical complexity
- The possibility of integrating existing algorithms to capitalize on previous work
- Alerts issued when pre-defined limits are passed, keeping you informed in real time of potential malfunctions

CURIOUS? REQUEST A DEMO

We'd love to talk to you about data and cloud and know more about your current challenges

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