OCTOBUS

Shaping the Future of Smart Buildings with OCTOBUS

The IoT Platform

Secure - Affordable - Interoperable - Scalable

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OCTOBUS

Youtube

Website

OCTOBUS: Smart Building Applications

In a world where technology continually redefines our lives, the idea of "Smart Building" has revolutionized architecture and design. Structures are no longer just spaces; they've evolved into intelligent, responsive environments. OCTOBUS stands as a significant contributor to this evolution, helping stream, collect and analyze the data from various sensors and deliver it to the end users, people. Let us have a look at the solutions OCTOBUS offers:

Air quality is the area where the Platform can add value. By accessing data from **air quality sensors**, it offers insights into creating and maintaining a healthy indoor environment.

OCTOBUS interfaces with **adaptive lighting systems**, processing data that adjusts brightness based on natural light availability, fostering an energy-efficient and comfortable ambience.

In terms of asset management, our Platform **streamlines asset tracking**. By processing data from each tagged asset in the building, it ensures their ease of traceability.

OCTOBUS also has the ability to gather data from **pest control sensors**, offering information about any pest presence within the building, ensuring a healthy and safe environment.

The Platform interfaces with digital submetering systems, collecting and **processing energy usage** data to promote sustainability.
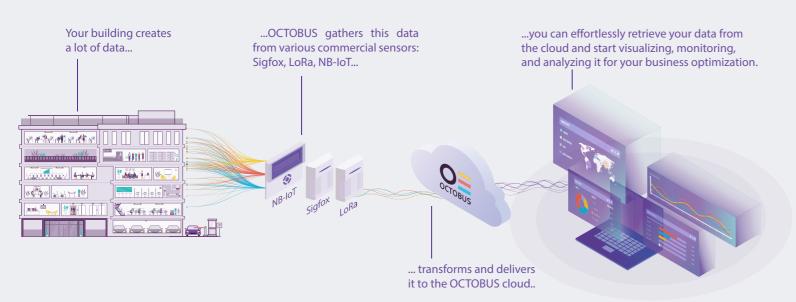
For safety, OCTOBUS gathers data from **smoke detection sensors** and ensures alerts are promptly communicated during potential fire incidents.

The Platform works with **water leak detections systems**, identifying potential leaks promptly through advanced sensors and communicating alerts to prevent water wastage and potential building damage.

For cleanliness and maintenance, OCTOBUS optimizes practices by receiving data from **feedback sensors**. Based on this data, management implements scheduling of cleaning and sanitation of washrooms.

OCTOBUS integrates with **smart parking systems** to monitor and manage parking spaces within the building premises. By collecting data from parking sensors, it provides real-time information about the availability of parking spots, guiding drivers to vacant spaces and reducing the time and effort spent searching for parking spots.

How OCTOBUS Works

Your building creates a lot of data...

...OCTOBUS gathers this data from various commercial sensors: Sigfox, LoRa, NB-IoT...

...you can effortlessly retrieve your data from the cloud and start visualizing, monitoring, and analyzing it for your business optimization.

NB-IoT
Sigfox
LoRa

OCTOBUS

... transforms and delivers it to the OCTOBUS cloud..

Fast-and-Easy Onboarding[*]

Register with OCTOBUS

Create the Dashboards

Retrieve & Analyze the Data

- Register with OCTOBUS at www.octobus.asia
- Synchronize your assets (i.e. sensors)

- Create the dashboards and customize them to the needs of your company
- Set up your notification channels and rules

- Start retrieving the data
- Analyze the data and optimize your business performance

*Discover our step-by-step tutorial on our YouTube channel for a comprehensive guide on how to operate OCTOBUS - https://www.youtube.com/@octobus