# Smart Utility Platform

Cloud-based Platform for data interconnection in multi-utility companies

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## Centralized fleet management of field-based smart things

Utilities need to better manage the complexity of communication coming from different suppliers and connect the needs of different stakeholders; From local administrative entities, to single Citizens.



## **CHALLENGES**

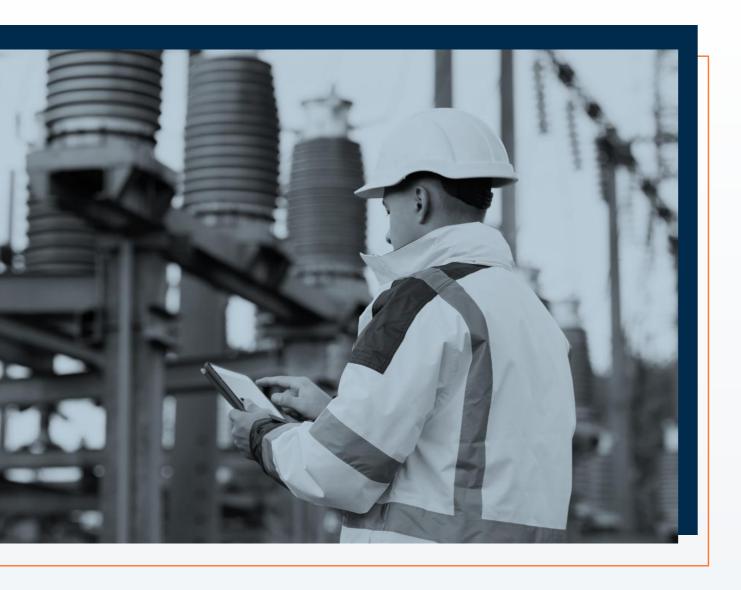
Devices in use come from a wide range of vendors and use different protocols and communications

## <u>IDEAL SOLUTION</u>

A scalable, centralized platform with extensive integration to external devices and tools that gives a complete view of operating status and maintenance

## DESIRED OUTCOMES

With our solution, customers can effectively monitor their IoT fleet and enable spatial business intelligence and analytics tools





## **Smart Utility Platform**

Smart Utility Platform is a native AI-based IoT platform developed to simplify two-way communication between Utility Companies - Multiutilities - and Citizens.

## Field Business Intelligence

- Telemetry and monitoring of the device fleet in the territory
- Intervention planning and optimization
- Tampering, anomalies, and nonconforming uses prevention

## Improved efficiency in internal processes

- Losses reduction caused by consumption and illegal failures (tampering, ...)
- Significant improvement in the operators' productivity and cost reduction

## Citizen ENGAGEMENT BOOSTER

- Accurate invoices based on resources consumed
- Real time data visualization
- Validated bills and incentive for sustainable habits

## Smart Utility Platform powered by Azure

Performance and scalability are at the heart of any IoT solution. Smart Utility Platform makes use of Azure's powerful infrastructure to provide an always-available, cross-platform PaaS service that can optimally handle large amounts of data.

## SCALABLE Solution

The Infrastructure performance adapts to the customer's needs by allowing fast deployment of additional resources when needed.

## Full-time AVAILABILITY

Being able to rely on a stable and secure infrastructure ensures realtime access to data without the failure risk of an on-premise solution

## **BIG DATA Analytics**

Smart Utility Platform makes the best use of Microsoft tools for analyzing the collected data to provide useful and customer-friendly reports.



## Customer success: Water cycle and waste collection monitoring

Thanks to Smart Utility Platform companies can manage and monitor in real time device installations from different suppliers distributed in a wide range of municipalities.

### **ACTIVITIES OPTIMIZATION**

Maintenance plans that automate workflows and minimize resource waste in managing field activities.

### 100% CERTIFIED DATA

Smart Utility Platform records and saves data by time stamping them, in order to make it avoid any tampering-related risk.

### NATIVE INTEGRATION WITH ERP SYSTEMS

The system natively supports the integration with some of the leading management software on the market. Custom connectors can also be developed if needed.

## Take a step ahead of competition with Smart Utility Platform

For more information:

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