

# 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*

## IDEAL SOLUTION

*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.*

# 1

### Field Business Intelligence

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

# 2

### Improved efficiency in internal processes

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

# 3

### 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 real-time 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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