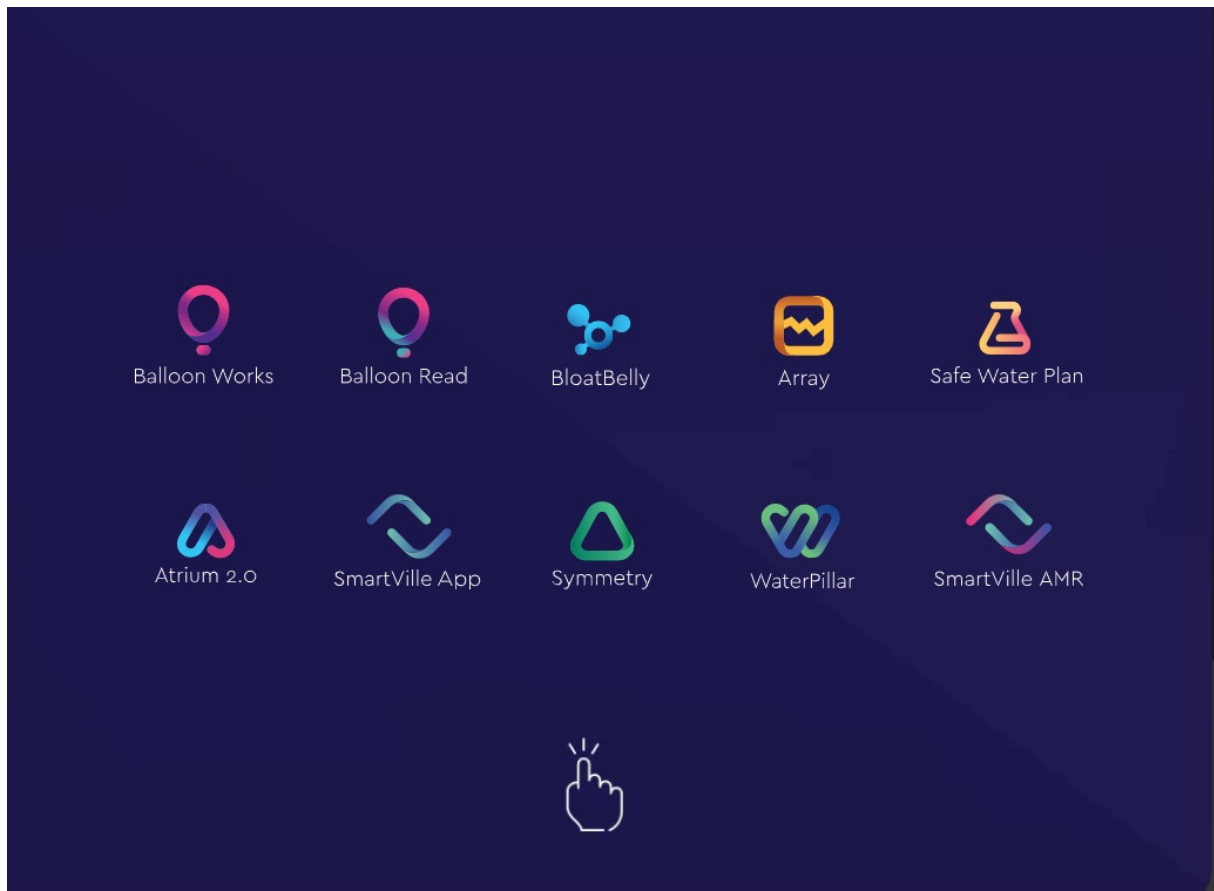




## Product factsheet

# SmartVille

Software solution



## Description

A Unified IoT Orchestration Platform for smart metering and sensor management, receiving, storing and analyzing data, for optimal daily operations, decision-making and future action planning.

### SmartVille

SmartVille is a Unified Web Orchestration Platform of horizontal IoT levels that allows and optimizes the management of smart meters and sensors from different areas of a digital and autonomous city (water and sewage, mobility, energy, waste management, public lighting).

The platform utilizes in the best way possible structured APIs that enable communication with a wide range of sensors and devices through various communication protocols such as Wireless M-Bus, NB-IoT, LoRaWAN and Sigfox, as well as the hosting of other smart

applications.

In addition, it collects values and devices of independent supplier and communication protocols, giving organizations the ability to integrate different technologies and standards into a single dashboard.

The main goal is to gather data and information, and generate trends and insights (AI) of the network and infrastructure in a single dashboard for daily operations management, decision making and future action planning.

Main features

- Integrated Web Interface
- IoT control for multiple options of device connectivity
- Advanced security Cloud hosting
- Fully customizable technology
- Easy IoT infrastructure adoption
- Multiple levels of access security (RBAC)

The Most Powerful Tool of Modern Organizations

Accelerate your network performance by making the most of your tangible and intangible assets

with holistic management through SmartVille.

- [AI Performance](#)
- [Reliable Data](#)
- [Secure Connection](#)
- [Cloud Infrastructure](#)

SmartVille is available as SaaS (Software as a Service) 24/7, as well as highly configurable and easily accessible through any device (Responsive) by just signing in.

- WATER Data-driven water flow [Learn More](#)
- ENERGY Less emissions, more power [Learn More](#)
- LIGHTING Centrally controlled lighting grid [Learn More](#)
- WASTE MANAGEMENT Optimized collection services for cleaner cities [Learn More](#)
- ENVIRONMENT Less air, noise and water pollution [Learn More](#)
- MOBILITY Faster, safer, cleaner getting around [Learn More](#)

Target audience

Water Utilities, Water Authorities, Municipalities

## Actors, their roles and interactions

The actors involved are the water utilities, industries, technology providers as end-users and the general public.

## Software data

- Version: SmartVille (Last update: 2024-05-09)
- Operating environments:
  - SaaS - Web application
- License type: Commercial

## URL

<https://ianic.eu/the-platform/>

## Technologies applied by the product

- AI techniques
- Data Analysis and Modeling
- Database Management Systems
- Data Collection and Aggregation
- Data Science and Analytics
- Data Visualization and Rendering
- [Digitalisation of the sewer network and predictive smart equalization contro](#)
- Digital Twin
- Water Quality and Standards