Smarkia

Smarkia Utilities

Empowering the energy
transition to a new paradigm

Beyond energy management

Improve utilities
in a whole new way

Put your data to work powered by AI

Innovative analytics to more intelligent, data-driven decisions, maximizing energy savings and lowering costs.

Add value services like massive simulations or automated quotation based on customer segmentation.

Real-time quality data

Capture data from industries, buildings and homes has never been easier, due to our multi protocol & IoT Ready technology

Reduce implementation costs and times

SMARKIA will help you find reliable partners throughout the energy transition value chain.

Operational excellence

Automated management of energy asset and control systems, smarter grids, predictive models, energy conservation measures detection. Reporting

Our Key: A disruptive way of applying AI

Energy data analytics enhanced with computer vision vs state-of-the-art

99%

Speed improvement in time-series processing

- Smaller datasets needed
- Reduce training time
- Faster results

43%

Accuracy improvement

- Better data description
- Better understanding of variables involve in energy consumption
- Better predictions

60%

Data quality improvement

- Better data fix
- Better data reliability

Features

Data collection

- Multi-vendor
- Multi-energy
- Multi-protocol
- (IEC, PRIME, DLMS, ANSI...)

Tariffs

- Flexible structures
- Contract synchronisation
- Inconsistency detection

Inventory

- Metering points
- Equipment
- Goodness

Data management

- VEE
- Forecasting
- Anomaly detection
- Consumer profile

Energy Balance

- Energy flow
- Aggregation
- DER

Alerts and tasks

- Event management
- Wide range of alerts
- Automated tasks from alerts

Reports

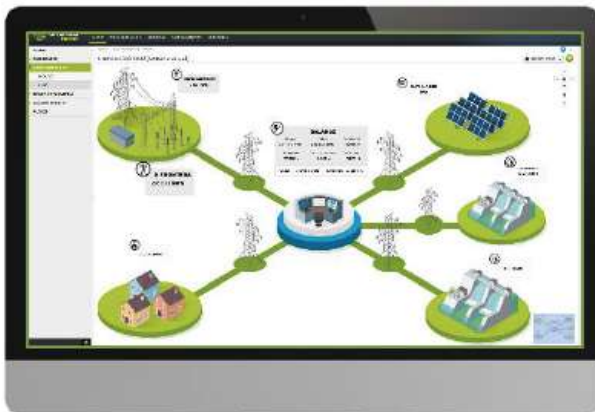- Automatic reports
- Templates
- Maximum flexibility

Accessibility

- Anywhere
- Anytime
- APP (IOS & Android)

Cibersecurity

- ISO 27001 certified
- Azure Security Center
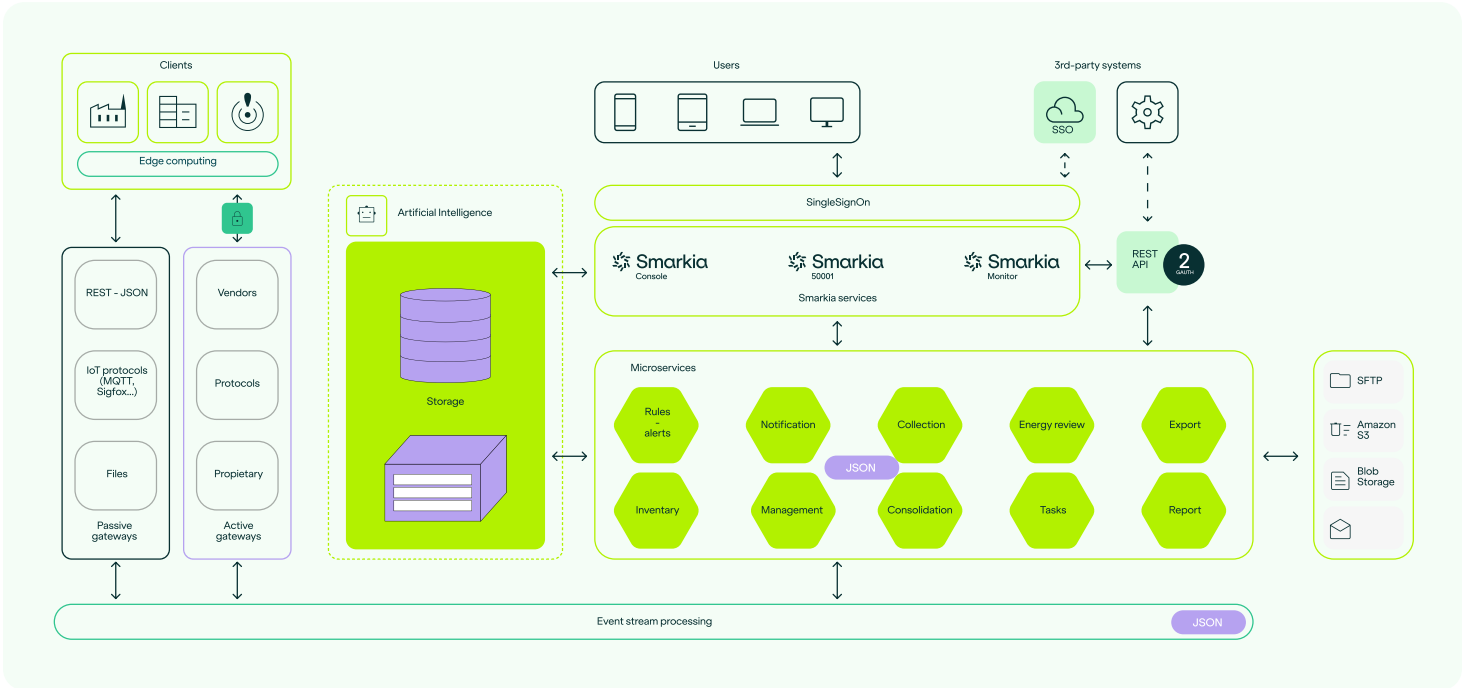- Encrypted data (168 bits)

Grid Flow

Dashboard

Architecture

Unlimited scalability thanks to the deployment of the SMARKIA platform in Azure.

Preferred solution

We are a SaaS platform selected by Microsoft for its quality, performance, and ability to address customer needs in the energy sector. SMARKIA is featured in Microsoft AppSource.

References in the utility sector

> " We have been using Smarkia's platform in our energy management projects in the Middle East since 2016 with great results. The platform is intuitive to use and the configuration of connectivity with meters, sensors and actuators is straightforward. In addition, we greatly appreciate the agility of the development team to adapt and customise the product to the specific needs of our customer

Santiago Bañales
Managing Director Iberdrola Innovation Middle East