SMARKIA UTILITIES

Empowering The Energy Transition to a new paradigm
SMARKIA Utilities

Beyond energy management

Improve utilities in a whole new way

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

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.

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

Speed improvement in time-series processing
- 99%
  - Smaller datasets needed
  - Reduce training time
  - Faster results

Accuracy improvement
- 43%
  - Better data description
  - Better understanding of variables involve in energy consumption
  - Better predictions

Data quality improvement
- 60%
  - 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
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 customers.”

Santiago Bañales - Managing Director Iberdrola Innovation Middle East