MIM – THE ATLANTICA'S SUITE FOR UTILITIES

OUR PRODUCTS AND SERVICES' PORTFOLIO:

Atlantica is a system integrator with almost 200 employees, with relevant experience gained in multinational contexts. Almost 30% of workforce is involved in the utility business, covering different areas: from metering to analytics, from radio planning to cyber-security.

We're proud to propose to market the results of our passion, innovation and experience in utility industry.

- Meter Data Management (MDM Solution)
- Mobile Client for Walk-by and Field Activities
- RF/PLC Network Design And Monitoring
- Metering Infrastructure Manager- MIM
- Prepaid for Utilities
- Innovative Propositions
- IoT Solutions For Utilities

OUR NUMBERS IN UTILITY INDUSTRY:

MANAGED METERS	+8M
CONNECTED GATEWAYS	+18K
# INSTALLATIONS >1M METERS	3
ACTIVE CONTRACTS	26

10 POWER	10 GAS	6 WATER

METERS TYPE	+320
YEARS OF EXPERIENCE	16
MAX METERS PER INSTALLATION	+4,5M
COUNTRIES OF DELIVERY	3

ITALY	GREECE	MIDDLE EAST

STRATEGIC PARTNERSHIPS & MEMBERSHIPS:

DLMS™ · aws · a2a smart city · meters AND more OPEN TECHNOLOGIES · Panasonic

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Meter PtP
Meter PtM
Wireless
Wired
Mobile App

Cellular
(2G, 3G, 4G, NB-IoT, 5G,...)

LPWAN
PLC, W-Mbus, Lo.Ra, ...

GW

WAN
Cellular

MIM Platform

Legacy IT/OT Systems
(Billing, ERP, WFM, Asset Mngr., ESB, SSO, Log Mngr, ...)

INTEGRATE	DESIGN	MONITOR	SUPPLY	INTEGRATE
...anything Customer chooses	...any type of LPWAN network	...any type of communication device and network till smart meters	...MIM Platform or any custom solution	...any type of IT System belonging to Client

MIMᴡ – THE MOST COMPLETE SUITE TO ENABLE WATER UTILITIES' DIGITALIZATION

Modern and powerful solution for managing either smart and traditional meters, MIMw supports all the water Utility business processes and   includes a mobile client for walk-by operations as well as a Meter Data Manager for data validation.
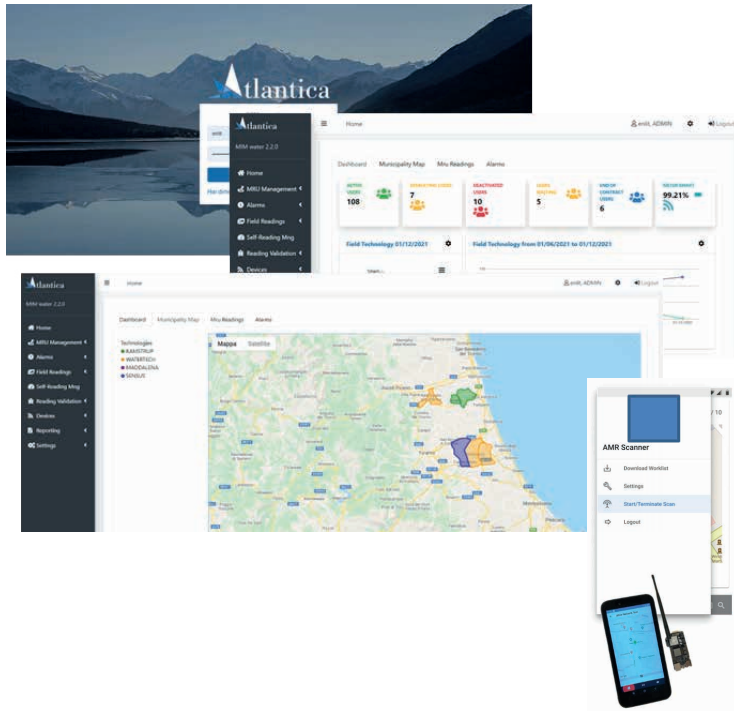
KEY METRICS

+500.000	Managed Meters
6	Active Contracts
+7.000.000	Served population in Italy

Year	Value
2016	14.500
2017	31.000
2018	52.000
2019	75.500
2020	95.000
2021	400.000
2022	590.000

- Highly Scalable Solution
- Portable SW (on-Cloud vs. On-premise)
- Developed with Microservices
- Embedded MDM functionalities
- Pre-integrated with Walk/Drive-by solutions
- Pre-integrated with Water Analytics sol.

INTEGRATED TECHNOLOGIES:

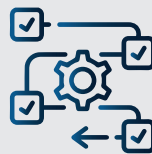GSM sigfox NB-IoT M-Bus wireless LoRa®

NO TECHNOLOGY LOCK-IN

- Any communication technology
- Any meter vendor of choice
- Any standard comm. protocol

FULL BUSINESS PROCESS COVERAGE

- Pre-billing operation
- Integration with CRM/IVR/CIS
- M2C, O2S, C2R supported
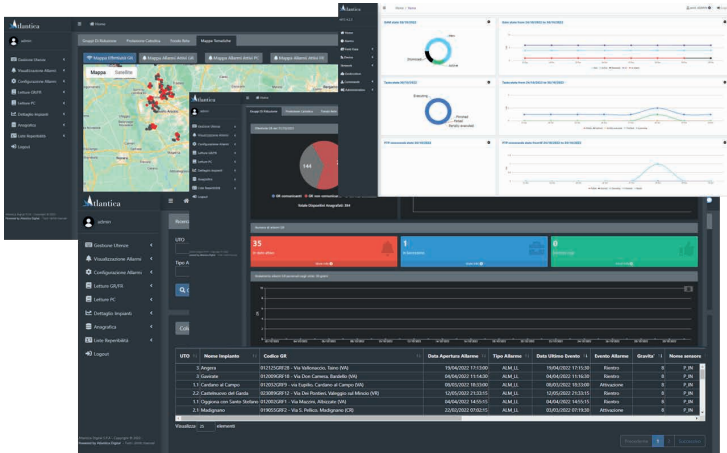- Supply & Contract Management

SECURITY BY DESIGN

- Key Management & Renewal
- Full GDPR Compliancy
- OWASP-2017 tested SW
- Periodic Code Vulnerab. Check

MIMg – MATURE AND SCALABLE SOLUTION FOR OPTIMIZING UTILITIES' OPERATIONS

MIM-g is the game-changer in the Gas market: since its' first release in 2012, it has been continuously updated and improved, to guarantee performances, scalability and interoperability. It has been integrated with almost all the smart meters available on the market (+250 models), supports both industrial and residential meters, supply management (valve closure/reopening), and all utilities business processes. Recently it has been integrated with Mobile Operators' M2M platforms for SIM Management functionalities.

KEY METRICS

+6.500.000	Managed Meters
6	Active Contracts
+18.000.000	Served population in Italy

Year	Value
2015	750.000
2016	1.460.000
2017	2.704.000
2018	3.958.000
2019	5.266.000
2020	5.779.000
2021	6.372.000
2022	6.800.000

- Mature and Highly Scalable Solution
- Portable SW (on-Cloud vs. On-premise)
- Integrated with PANASONIC Safety Meter®

SMART GRID FOR GAS

IoT platform for Gas Grid Management and Monitoring, addressed to gas distribution companies for their needs of gas grid supervision, data analysis and efficient operations.

IoT Platform has been already integrated with:

Gas Secondary Stations (MP/LP)

Cathodic Protection

Pressure Sensors

SMART GRID FOR GAS

LARGE UTILITY with +58.000 Km of distribution network and +30.000Network nodes

MEDIUM-SIZED UTILITY with 2.500 Km of distribution network and 1.500 Network nodes

MIM$_E$ – EXPLORES THE POTENTIAL OF 2ND GENERATION ELECTRIC SMART METERING

Last platform renewed by Atlantica in 2022, MIMe is a modern and powerful solution for enabling Electric Utilities to reach regularly all their installed base. It supports simultaneously PLC and RF communications and it is paired with a mobile client for field activities (installations as well as maintenance and meter reading operations). MIMe incorporates Meter Data Management (MDM) functions and enables value added services post-meter.
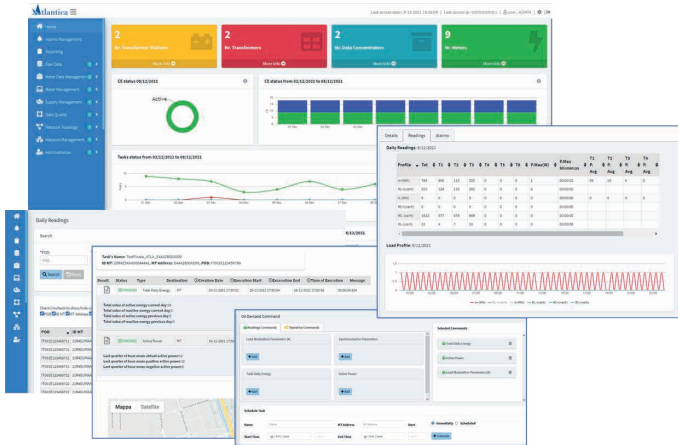
KEY METRICS

2006	Start of smart metering activities
+1.400.000	Managed Meters
10	Active Contracts

- Highly Scalable Solution
- Portable SW (On-Cloud vs. On-Premise)
- Developed with Microservices
- Embedded MDM functionalities
- Mobile App for meter configuration
- **2G** Ready for 2G Smart Meters (PLC + RF)

INTEGRATED TECHNOLOGIES:

GSM

PRIME ALLIANCE

NB-IoT

M-Bus wireless
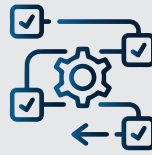
meters AND more OPEN TECHNOLOGIES

NO TECHNOLOGY LOCK-IN

- Any communication technology
- Any meter vendor of choice
- Any communication protocol

FULL BUSINESS PROCESS COVERAGE

- Pre-billing operation
- Integration with CRM and CIS
- Meter-to-Cache
- Order-to-Service

DEVELOPEMENT OF COMMUNICATION DRIVERS FOR S.M.

- Long lasting experience in developing communication libraries for SM applications worldwide.

Powered by **SMART4**

Atlantica

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