



Smartgrid Monitoring Products

“GridWatch gets you the data”

Investment Opportunity

From **MAC**

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Our Business

GRIDWATCH We collect data on the Power Distribution Network and deliver this data to the utility's own server or any cloud server, such as Microsoft's Azure cloud platform.

Opportunity

Stress on Distributions Networks is increasing globally

Why ?

Increased Renewables, New Load Demands, New Business Drivers

Leads To !

Stressed Assets, Outages, Penalties

Need for
GREATER GRID AWARENESS

Real Time Data to Digitize the Grid
Field Engineers "You need to know this now"



Solution

GRIDWATCH family of Distribution Network monitoring products



Hardware Products

- Smart devices installed on the grid
- Low-cost,enabling mass deployment
- Patented Sensor Technology
- Flexible deployment options

Data

Operational: Quality and efficiency of power delivery
'Big data paradigm' for Data Analytics

VISION: Supporting grid-edge processing
"Tell me when something happens"

Comms

Module: 2G/3G/4G, SLA, NB2IoT, WiFi, Bespoke
Protocol: MQTT, FTP etc
Back-end: Points to any back-end of utility's choice

TOTAL
GRID
AWARENESS

30/08/2021



Value Proposition for Utilities

GRIDWATCH Sensor to server solution

**Reduced OPEX &
CAPEX Costs**

Allows operators 'sweat' their assets
Lowers network outages, reducing penalties
Lower unit cost and reduced installation effort

**Reduces CO2
Emissions**

Management of renewable energy supply
More efficient delivery of power

**Supporting New
Business Opportunities**

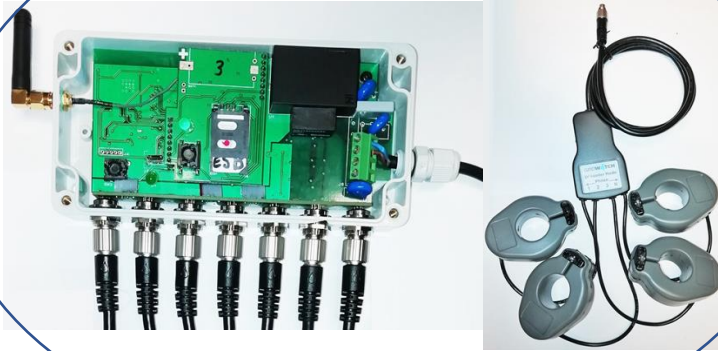
Demand Response Management
Low tariff offering
Flexible Energy storage, local battery

TOTAL
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Product Family

GridWatch Kiosk



GridWatch Trafo



GridWatch Sensors



GridWatch Voltage



GridWatch Pole

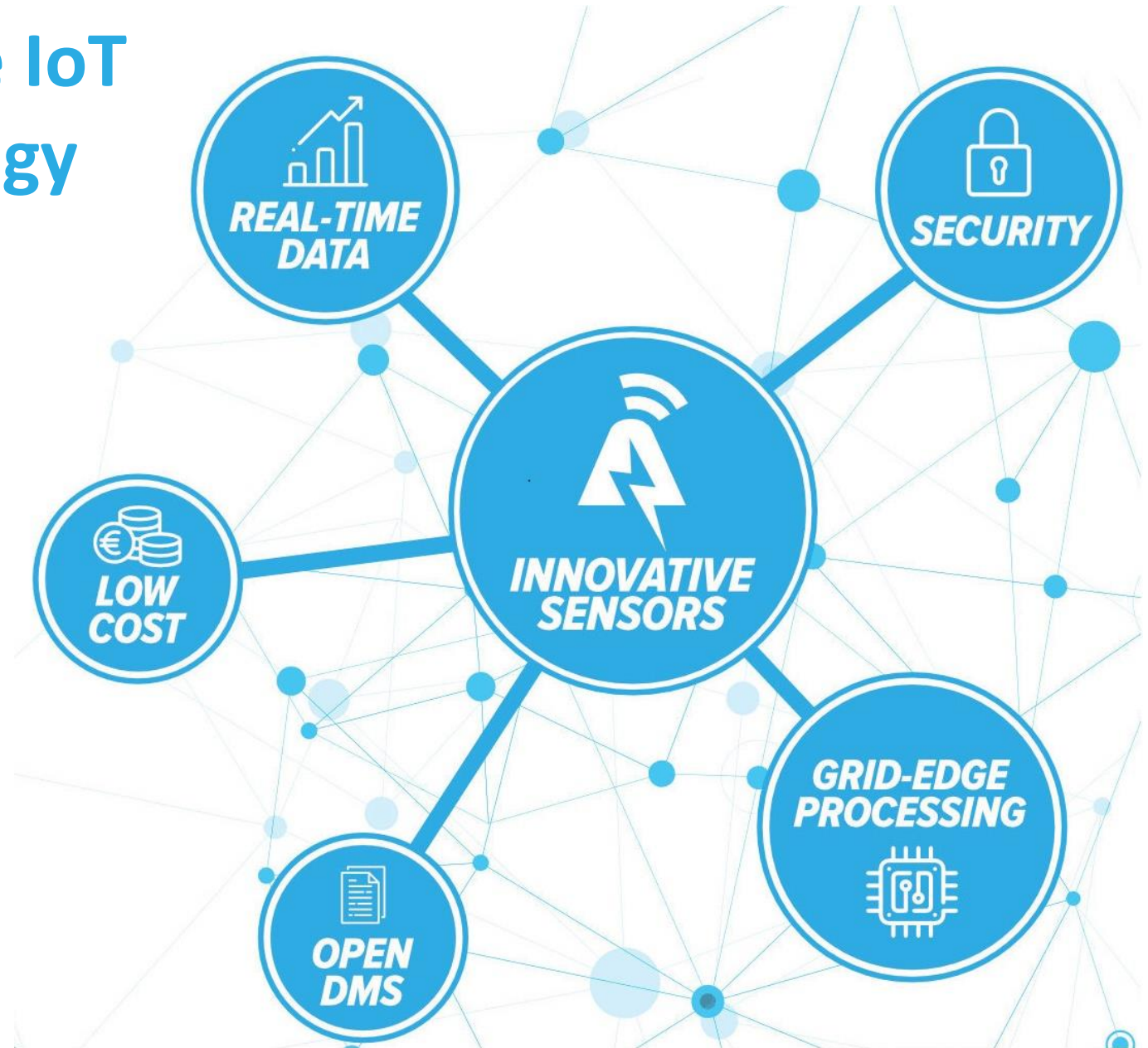


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Innovative IoT Technology



TOTAL
GRID
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Global Utilities' Installations



NETWORK



LV PQM, Capacity, Faults, MV Cable Fault

Ireland

Capacity, 12 Feeder, High Temp



United Arab Emirates



CEZ GROUP
Romania



LV PQM, Capacity, MV PQM

LV PQM, Capacity



Australia



Grid-edge algorithms (MV fuse blown/cable down).
3P MV Faults Pole

Transformer o/p, 3P Poll, High Temp



Hong Kong

TOTAL
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Investment Partner

A partnership that drives value to both our businesses

Investment sought
 €1.5M - to

- Commercialise existing pilots and facilitate growth
- Enable volume scaling to meet market demand.
- Accelerate roadmap of GridWatch product family
- Drive the new wave of business opportunities

Continue Product Roadmap

Growth & Return



TOTAL
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GRIDWATCH



The RIGHT product solution at the RIGHT time



Accredited by Free Electrons Global Partners



A €0.5B+ a year global market



Ambitious growth plans



Product Launch stage

Partner with us on this Journey

Thank you

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