



Digitisation of data collection and analysis Energy



At the heart of the smart and interconnected gas and electricity grids project, RFID is contributing to the revolution in the collection, transmission and exploitation of energy network data. More generally, the technology contributes to the modernisation and maintenance of gas and electricity networks and has many advantages:



Optimize the identification of materials, equipment and people



Secure sites and networks



Manage on-site logistics



Optimize networks mapping



Our customers



ENEDIS



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Example applications

- Identify materials and equipment: transformers, slings, fire extinguishers, containers...
- Ensure the tracking of tools
- Manage PPE: masks, harnesses, helmets...
- Control equipment: compliance with standards, maintenance...
- Optimize stock management: inventory, search for equipment, flow management...



Key features

- RFID identifiers
 - ◇ Compatibility with metal, plastic, wood...
 - ◇ Various types of fixing: cable tie, adhesive, rivet...
 - ◇ Resistance for several years outdoors (rain, dust, chemicals, UV)
- Compact, robust and high-performance RFID scanners, Bluetooth or wired communication, long autonomy

Protect + for AX'Label



- Label with soft protective layer **Protect +**
- Ultra-reinforced adhesive
- Curved surface compatibility
- Aeronautical heritage
- Resistance for several years
- Customisation of labels by the customer with a Toshiba printer



Inspection of electrical substations



Identification of transformers

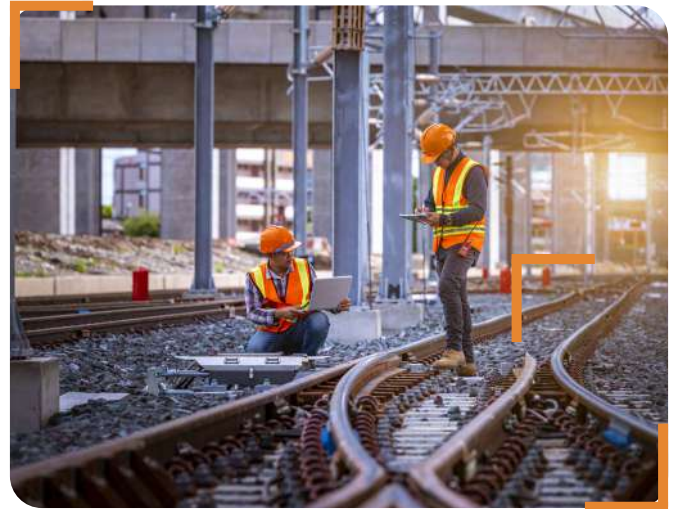
AX'Tag Explorer L dual

- Dual technology UHF and HF/NFC
- Inventory with UHF reader, inspection with all smartphones
- Long reading distance
- Reliability and resistance to outdoor conditions (rain, dust and chemicals, UV)
- Metal compatibility



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AX'Tag Memento M UHF

- Different fixing methods: adhesive, bolting, etc.
- Long reading distance: 3m
- Extended user memory: 64KB or 2KB
- Reliability and resistance to outdoor conditions (rain, dust and chemicals, UV)



Maintenance of gas meters



Scanners RFID

- Wired, dongle or Bluetooth communication
- Rugged, compact and lightweight devices compatible with Windows, Android, iOS
- 1D/2D scanner option
- Guarantees adapted to the customer's environment: broken button, exchange or repair of products within 24 hours...



Inspection of fire extinguishers



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“Let’s imagine the RFID of tomorrow”

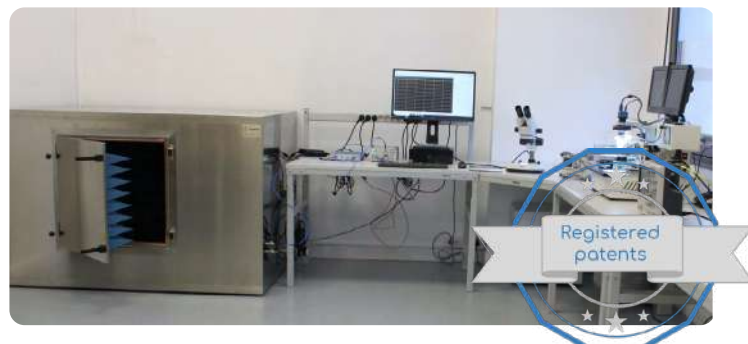


AXEM Technology, RFID expert

- Manufacturing of hardware RFID solutions
 - ◇ Standard and complete range of industrial RFID products
 - ◇ Custom products for demanding requirements
- A complete range of services related to our products



- A laboratory dedicated to innovation and our know-how: the AXEM Lab



You have an RFID project? Contact us at sales@axemtec.com

Check out our products on our website: www.axemtec.com

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AXEM Lab, innovation center

- Equipment at the cutting edge of RFID technology
- Product design with Intellectual Property
- Feasibility studies according to customers' requirements
- Manufacturing of customized products



AX'Tag Custom