

# AMR SYSTEM





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The products that make up the AMR system, from the acronym **AMR** "Automated MeterReading", feature advanced technology.

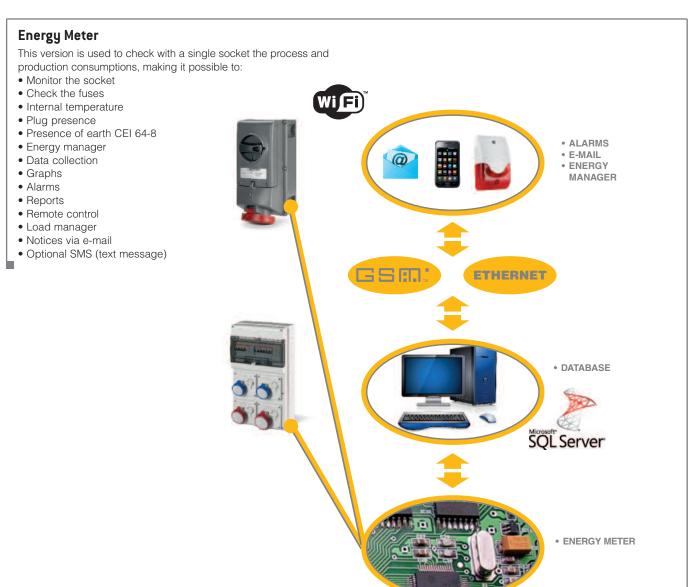
Thanks to the AMR system, you can analyze the network in terms of current and power consumption, as well as read all the acquisition data in real time, through the Internet; moreover, you

can also send local alarms and alarms via e-mail, such as reading of switch disconnector and inserted plug.

Lastly, it informs the **Energy Manager** in real time concerning the status of its system through any device that can display an Internet page.

## AMR SYSTEM PRODUCTS







#### MANAGEMENT SOFTWARE

The system is preset for also communicating locally with other AMR devices through RS485 or Canbus (optional) channels, while it communicates with the data collection server through a WI-FI connection.

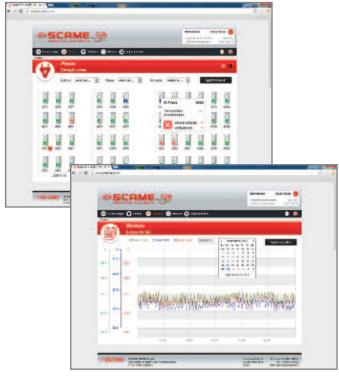
The data collection computer is responsible for monitoring the devices as well as for processing their status and retaining it for a specific time period, issuing notices in the event of anomaly conditions. Moreover, through the collection of energy data, it can collect and process information pertaining to the energy and consumption profile, as well as to present the collected data in graph form.

The software can be structured depending on the customer's needs. The system can carry out quality-related measurements, make decisions on its own and inform the Energy Manager in real time about the status of the system.

It is also possible to **monitor** the operating peaks and avoid penalties due to low COS-FI (power factor).

**Eliminate waste** by checking motors, lighting, heating, airconditioning, compressors and refrigerators, transformers, distribution lines and other utilities.





#### A few good reasons for choosing AMR System

- Small investment required considerable benefits at reasonable costs.
- Simple to install and to manage, ensuring reliable performances at the same time.
- Very user-friendly interface, also suited for inexperienced users
- Network-installable to share information and improve communication.
- Flexible fast start-up and installation, with no need for additional installations
- Improved service to the system by reducing the number of failures and cutting down on disservice times.
- More integrated functions in a single tool that allows both faster maintenance management and direct control over the installations.
- It provides useful information by constantly populating a database in order to subsequently develop statistical analyses, harbours, containers, airports, industrial facilities.
- It handles emergencies quickly and effectively, notifying the technicians on-call with regards to alarms from the field
- It minimizes operator intervention and automation where it is needed.
- It supervises the processes while keeping the managed installations always under control

## AVAILABLE VERSIONS

#### **Energy Meter**

In addition to having all the functions of the I/O version, this version is equipped with an intelligent system capable of analyzing its own operation, inferring useful information and interacting with the users. It can also control and manage electrical systems in remote and on its own. The system can analyze the network in terms of current and power

consumption, allowing real time reading via the Internet.

The data collection computer, which is assigned the task of monitoring sockets, processing their status and retaining it for a specific time period, also issues notices in the event of anomaly conditions.





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