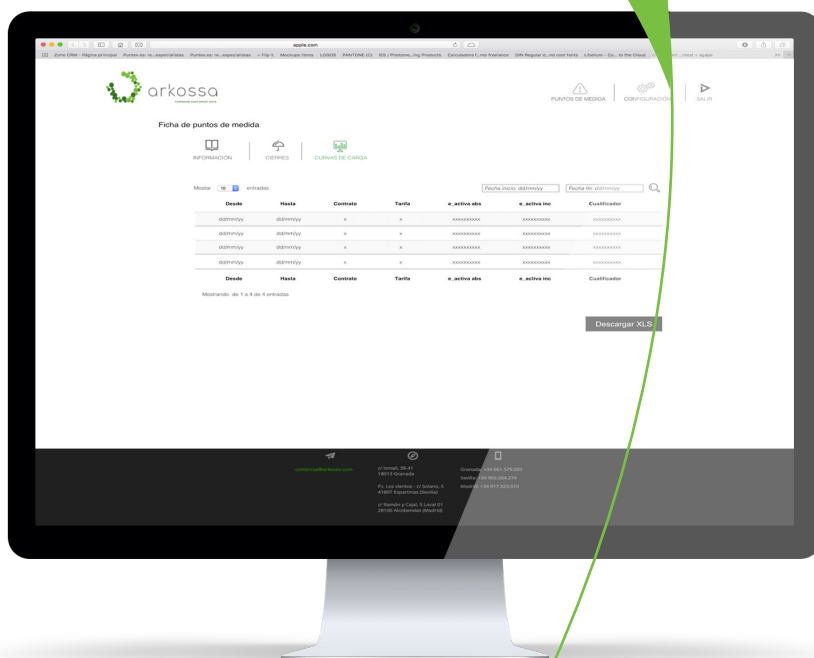


arkossa

POWERING YOUR SMART DATA



reader

STAND-ALONE AND UNATTENDED SYSTEM FOR ELECTRICITY METER DATA READING

Smart metering deployments bring utilities a big amount of various data information which is a new valuable asset for energy utilities. However, the management of big data presents a new challenge for digitalization and process optimization.

Big Energy Data Analytical Capabilities are required to capture, manage and analyze all the different information. At ARKOSSA, we feel very concerned about this since we believe that proper management of energy and other meter data will assist organizations to take better decisions and process improvements.

reader

reader is a Smart Metering comprehensive system which allows efficient management for reading different measuring points:

It is smart design allows the performance of unattended reading and management tasks of the measuring points in an easy and simple way.

It is modularity allows management of communications between different measuring points, either loggers or remote meters.

It supports IEC-60870/5-102 and DLMS protocols.

Remote reading can be performed using any type of network: mobile networks (GSM, GPRS, 3/4G), Ethernet networks (TCP/IP) or switched telephone networks (PSTN).

It supports additional functions for reading of other meters (gas, water, oil, etc...)



MAIN FEATURES OF WEB INTERFACE SOFTWARE

WEB INTERFACE

Intuitive and user-friendly web interface.

COMMUNICATIONS

It supports up to 10 local modems for performance of simultaneous calls.

It supports communications (GSM, GPRS, 3/4G), TCP/IP, PSTN.

It supports REE-IEC (60870/5-102 Protocol).

It supports DLMS Protocol.

FUNCTIONALITY

Contract readings.

Load profiles.

Readings of instantaneous values.

SMART MANAGEMENT

Automatic retries of readings.

Automatic refill of gaps in load profiles.

Notification of events.

Data export in XLS format.

Email notification.

FTP Server and network folder for readings storages.

SYSTEM REQUIREMENTS

2 GB RAM (4GB+ recommended).

50 GB disk space.

Basic GPU – support DirectX 9.0 class or superior.

Intel® Pentium® Processor or compatible, 1,6 GHz minimum (GHz+ recommended).