



# BACSOFT COMMERCIAL SMART METERING – AMR/AMI

Bacsoft's advanced IoT technology enables utilities to read any commercial meter using any protocol and communicate data robustly and securely via cellular transmission to public or private cloud infrastructure. Data in the cloud is processed, analyzed and delivered to the web, mobile or SCADA using customizable applications for technicians, customers and management.

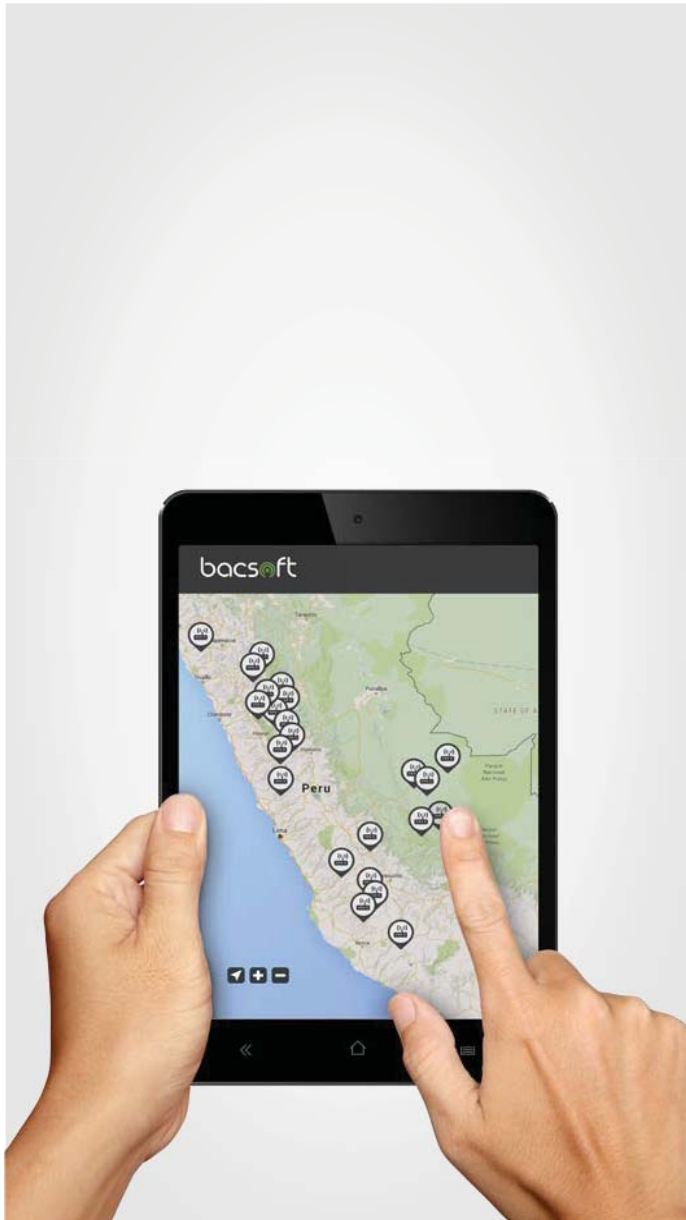
## THE CHALLENGE

For utilities, collecting consumption data, status and diagnostic information from meters at commercial sites is critical for business. To increase cost-efficiency, utilities require a continuous flow of real-time data including direct feeds to ERP systems to facilitate billing, threshold alerts to prompt preventive maintenance, trend analysis to reduce waste, and remote reporting to reduce on-site visits.

## THE SOLUTION

With the Bacsoft solution for Commercial Smart Metering, electric utilities can collect and analyze meter data to optimize their operations. Using the Bacsoft solution, utilities can transfer data directly to an ERP platform for billing and enable customers to view customized reports. The solution eliminates the need for on-site meter reading and enables billing based on real-time consumption. With Bacsoft's secure collection and robust analytics, utility providers and customers can better control the supply and use of energy.





## THE BENEFITS

- Robust, industrial solution
- Monitor and analyze multiple meters from multiple manufacturers and multiple protocols
- Full remote management via PC, tablet, and smart phone
- APIs for rapid integration with all SCADA solutions
- Improved security and tamper detection for equipment
- Optimized business operations
- Improved procurement power through more accurate data
- Management of supply during shortages

## SPECIFICATIONS

- Works with all meters – Elster, Itron, ABB, Schneider, EDMI and more
- Works with all Protocols - ANSI – C12.18 / C12.19 / C12.21, IEC 62056-21, Modbus TCP/RTU/ASCII
- Provides continuous service condition monitoring 24/7
- Sends alarms for threshold exceptions for voltage, current, total harmonic distortion, and more via SMS or email
- Data can be retrieved using the standard optical communications port. Additional communications interfaces like RS-232 or RS-485 are available
- 2 \* RS232 + 1 RS485
- Offline logging capabilities
- Option to open a raw tunnel directly to a remote meter
- Plug & play connectivity (easy setup, all wireless)

