

arkossa

POWERING YOUR SMART DATA



bank

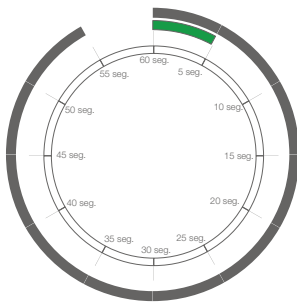
NEED TO TEST AND REPROGRAM LARGE
NUMBERS OF SMART METERS?



bank

Large roll-outs of smart meters pose new challenges. Adapting the configuration of each meter to the specific needs and requirements of individual utilities can be one of them, especially when the factory configuration cannot be applied.

This task is known as parameterization. Similarly, the testing, resetting and reprogramming by technical support teams of already deployed meters that have been identified as faulty can be a time consuming, labour intensive and costly task that can divert resources in utilities and suppliers from other more valuable activities.



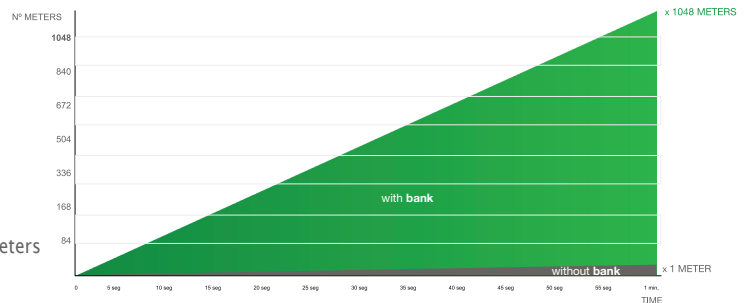
Estimated time for programming meters

■ with bank ■ without bank

Arkossa offers the **bank** solution to its customers in two forms:

- As a product, together with its associated training and support, to help utilities and suppliers with their own parameterization, testing and reprogramming tasks.
- As a full service provided by Arkossa.

With the goal of providing smart solutions that will support the roll-out and operation of smart meters, Arkossa has developed **bank**, a parameterization, testing and reprogramming solution that can increase the productivity of technical support teams performing these tasks dramatically. In particular, **bank** can increase the productivity sixty-fold by allowing the simultaneous testing, parameterization or reprogramming of up to 60 meters. This increased efficiency is directly translated into time and cost savings.



multiprogrammer

multiprogrammer is a tool developed 100% by Arkossa, designed to carry out massive meter programming such as Firmware Upgrade, Contracts and Tariffs, Functional Tests, and many other actions through the optical port.

Main features:

- Possibility to communicate with up to 21 meters at the same time.
- Flexible Configuration.
- Multiple Meter Vendors.
- Multiple Communication Ports supported.
- Central or Stand-Alone Versions.

The software allows to program different parameters as:

- Contracts and Tariffs.
- Meter Scroll (Mode and Time).
- Authentication Keys.
- Internal Breaker Test.
- DLMS Firmware.
- PLC Firmware.

Other features:

- Log Generation with detailed activity of the task performed.
- Communication Ports Automatic Refresh.
- Flexible Configuration Files.
- Control Panel for Individual or Massive Operations.