AURA

Software solution supports:

▸ manual or remote water meter reading
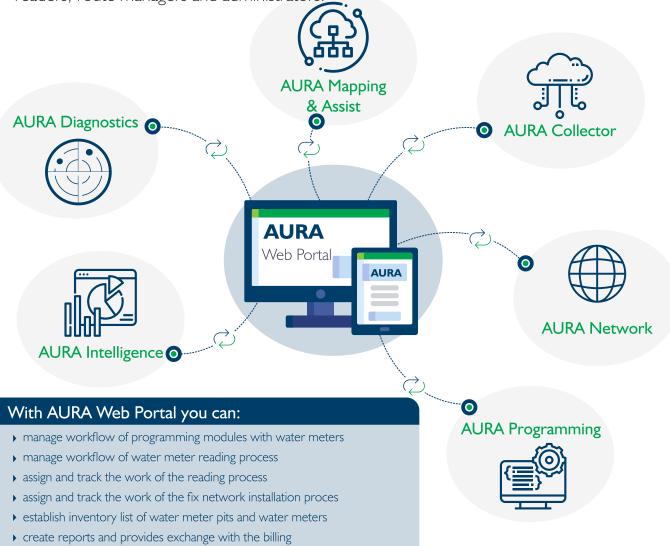▸ process of water meter replacement or installation

AURA

AURA is a software solution with different mobile applications which are designed to support manual or remote meter reading, modul programming and installation, inventory list of water meters and creating variety of analysis.

AURA
Portal

AURA

Individual AURA mobile application:

▸ AURA Programming
▸ AURA Diagnostics
▸ AURA Collector
▸ AURA Mapping & Assist
▸ AURA Network

AURA mobile applications run on smartphones (Androids) and tablets. They can be used in combination or individually. They are designed for water meter installers, water meter readers, route managers and administrators.

AURA Mapping & Assist

AURA Diagnostics

AURA Collector

AURA
Web Portal

AURA

AURA Network

AURA Intelligence

AURA Programming

With AURA Web Portal you can:

▸ manage workflow of programming modules with water meters
▸ manage workflow of water meter reading process
▸ assign and track the work of the reading process
▸ assign and track the work of the fix network installation proces
▸ establish inventory list of water meter pits and water meters
▸ create reports and provides exchange with the billing
▸ customize configuration parameters
▸ define Aura settings
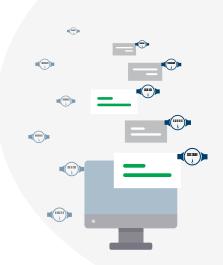
ARSS

AURA MAPPING & ASSIST
Web Portal

- Progress report (follow up of progress of each installer by each area/route).

- Exchange of information between the field installers and administrator in the office immmediatelly after synchronization.

- Capturing information about the pit and water meters (new and replaced one).

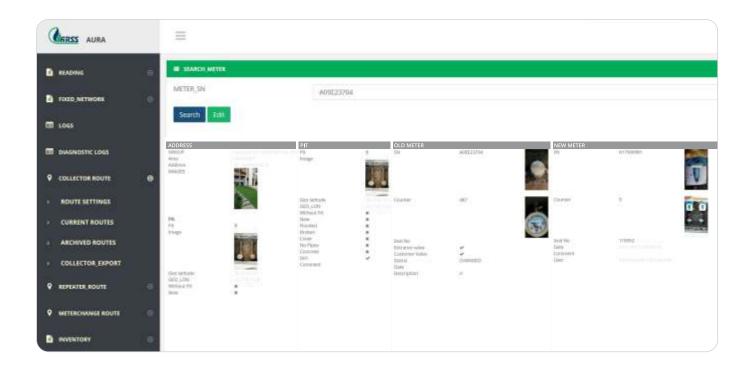**Report about the old water meter and its pit status before the change (all information captured by mobile app)**

Area	Address	Pit	Without Pit	Geo latitude	GEO_LON	New	Flooded	Broken	No cover	Concrete	Dirt	Image	Comment	Status
ΙΑΑΑΝΑΡ	ΑΠΟΣΤΟΛΟΠΟΥΛΟΥ L 90	8	✗	38.000766	23.788119	✗	✗	✗	✗	✗	✓	✓		FINISHED
ΙΑΑΑΝΑΡ	ΑΠΟΣΤΟΛΟΠΟΥΛΟΥ L 54	1	✗	38.000092	23.788062	✗	✗	✗	✗	✗	✓	✓		FINISHED
ΙΑΑΑΝΑΡ	ΑΠΟΣΤΟΛΟΠΟΥΛΟΥ L 54	2	✗	38.000092	23.788062	✗	✗	✗	✗	✗	✓	✓		FINISHED
ΙΑΑΑΝΑΡ	ΑΠΟΣΤΟΛΟΠΟΥΛΟΥ L 54	8	✗	38.000092	23.788062	✗	✗	✗	✗	✗	✗			

Report after the water meter change

Address	Pit	SN	SN Pic	Counter	Counter Pic	Seal No	New SN	New Count	New SN	New Counter Pic	New Seal No	Comment	Status	Use
ΑΓ. BAPBAPAΣ 2	1	A92H3694S	✓	10733	✓		A17500974	0	✓	✓	99999		CHANGED	part
ΑΓ. BAPBAPAΣ 3	1	A96E4D982	✓	4273	✓		A17500889	0	✓	✓	118994		CHANGED	part
ΑΓ.	1	A03E07506	✓	3435	✓		A17500888	0	✓	✓	118989		CHANGED	part

Captured information about each water meter with all the photos.
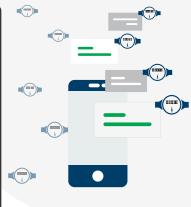
⊙ AURA MAPPING & ASSIST
Mobile Application

> Android based mobile application helps the installers during the water meter change process (capturing old and new water meter information with photos).
>
> Multiple-user application allows quicker process of water meter change (in the same time many different users can save and exchange data from the field with the web portal directly).

Information about the status and location of the water meter and its pit

Detailed information captured for the old and the new water meter
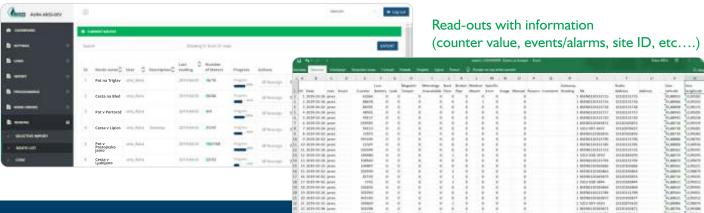
⊙ AURA COLLECTOR
Web Portal

> Route List (follow up of progress of each reader or Gateway by each area/route).
>
> List of archived routes (number of read water meters and when the reading was completed).

Route list

Read-outs with information (counter value, events/alarms, site ID, etc….)

AURA COLLECTOR
Mobile Application

For Drive/Walk by reading:
- ▸ Automatic capturing of read-outs.
- ▸ Manual entry of each water meter status in case they can not be read through the radio signal.

▸ Synchronization between mobile app and web portal (readers progress visible by each route after each synch – no need for the reader to come back to the office).

Report about pit status (all information captured by mobile app)

Report about changed water meters

network

drive-by

walk-by

AURA NETWORK
Web Portal

Information about repeaters status are captured:
- Location.
- Number of devices (end-points or/and repeaters) each repeater covers.
- When and by who it had been installed.
- Battery life time of the repeater.

Captured information about installed repeaters (web view or excel report)

Information about all the devices under each repeater (web view or excel export)

AURA NETWORK
Mobile Application

Android based mobile app allows installers to easier facilitate the installation of the fix network.

Basic and advanced network installation mob app are useful tools of building and capturing information from and on the field.

Activating the repeater and capturing information about installed repeaters (geo location, serial number of installed repeater, devices visible by defined repeater,etc.).

Automatic exchange of the information between mob app and web portal after synchronization of data, provides to follow the progress of the installers on the field.
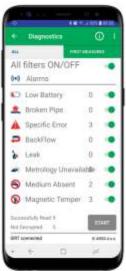
AURA DIAGNOSTICS
Mobile Application

▶ Mobile application which detects, locates and read any meter with radio signal within the range of radio transceiver (WDCR or SIRT device).

▶ Possibility to read water meter anytime w/o route preparation (with SensusRF or wMBus signal), check radio connectivity, signal strength and to read events on the water meter.

List and filtering of received information

ABOUT ARSS d.o.o.

We offer solutions for more efficient operational and financial control over the water network.

We focus on developing and maintaining a good client relationship.

WE OFFER
COMPLETE SOLUTIONS

HIGHLY
QUIALIFIED EXPERTS