

UNBOXING GRID POTENTIAL

Installing smart consumer meters is only a glimpse of the potential value data can provide.

Between smart meters and water pumps, there are few or no data collecting devices at all. But there are thousands of points where useful data can be retrieved from. If you have the right tool, transparency is right at hand.

DATA GROWS IN VALUE THROUGH USE

Combining all data from the distribution network in a system gives the opportunity to analyse information coming from sensors in the network. That way data can be used to make informed decisions based on facts.

AVK SMART WATER SOFTWARE SOLUTIONS

The distribution network is often considered a black box due to its limited access and immensity. The optimal solution is having a fully transparent network, where all data is reachable to optimise water management.

A digital software solution allows the collection and visualisation of complex data and turns it into understandable values.

Read about our software packages and choose the right solution suitable for your needs.

Expect... **AVR**

VIDI BASIC

- ✓ MAP-BASED VIEW
- ✓ USER-FRIENDLY DASHBOARD
- ✓ ALARM OVERVIEW
- ✓ GRAPH. DATA COMPARISON
- ✓ DEVICE MANAGEMENT
- ✓ TRAINING VIDEOS
- ✓ DATA BACKUP
- SERVICE CREW MANAGEMENT
- ALARM DISPATCHING
- SMS*, EMAIL AND APP
- LEAKAGE DETECTION
- INDIVIDUAL DMA THRESHOLDS
- DMA** REPORTS

VIDI ADVANCED

- ✓ MAP-BASED VIEW
- ✓ USER-FRIENDLY DASHBOARD
- ✓ ALARM OVERVIEW
- ✓ GRAPH. DATA COMPARISON
- ✓ DEVICE MANAGEMENT
- ✓ TRAINING VIDEOS
- ✓ DATA BACKUP
- ✓ SERVICE CREW MANAGEMENT
- ✓ ALARM DISPATCHING
- ✓ SMS*, EMAIL AND APP
- LEAKAGE DETECTION
- INDIVIDUAL DMA THRESHOLDS
- DMA** REPORTS

VIDI PREMIUM

- ✓ MAP-BASED VIEW
- ✓ USER-FRIENDLY DASHBOARD
- ✓ ALARM OVERVIEW
- ✓ GRAPH. DATA COMPARISON
- ✓ DEVICE MANAGEMENT
- ✓ TRAINING VIDEOS
- ✓ DATA BACKUP
- ✓ SERVICE CREW MANAGEMENT
- ✓ ALARM DISPATCHING
- ✓ SMS*, EMAIL AND APP
- ✓ LEAKAGE DETECTION
- ✓ INDIVIDUAL DMA THRESHOLDS
- ✓ DMA** REPORTS

Data communication costs are excluded in all packages // *Maximum of 10 SMS/day // **District Metered Area

Map-based view

Devices are shown in an intuitive map view with individual type icons shown in different colours depending on status. You can filter the view to access the desired information.

User-friendly dashboard

The dashboard provides a quick overview of the most important information during daily operation. Information includes the latest alarms, connectivity status, statistics etc.

Alarm overview

All VIDI packages come with a comprehensive alarm system allowing you to set up individual alarms of data series.

Graphical data comparison

VIDI Charts provides a graphical visualisation of your data making it easier to spot trends, patterns, and outliers. It also enables you to compare time series in different time periods.

Device management

The VIDI software makes it easy for you to locate and access information about your devices and their current status.

Training videos

Training videos are part of all VIDI packages, so you avoid spending hours reading through thick manuals.

Data backup

Data storage and backup provides you with the opportunity to follow the historical development.

Service crew management

With service crew management, you can schedule who receives specific notifications based on geographical areas and events.

Alarm dispatching

Alarm dispatching allows users to set up all kinds of notification messages in case of pre-defined events.

SMS, email and app

Notifications can be dispatched by email, SMS, or the automated Telegram bot. Personnel can receive notifications by subscribing to specific events.

Leakage detection

Leakage detection includes four different algorithms that can be combined to produce the best detection of leaks and bursts. Each DMA can have its own individual settings.

Individual DMA thresholds

You can use a combination of the leakage detection algorithms and assign a weight to each method. No matter the method, every alarm limit is configurable.

DMA reports

You can generate reports and export data directly to Excel or CSV. Supports upload of KML/KMZ/GeoJSON files to indicate the limits of the DMA on the Map-based overview.