

# AMBILL® derago

We produce intelligent meter data management



## Unparalleled quality

The meter reading software for mobile meter reading provides above-average functionality. As well as all kinds of readout formats (infrared, wireless and manual), there are special functions for meter changing, meter photos and even GPS support, which is unique for reading software available in the market. The software is also available for Android smartphones and tablets.

Development is an ongoing process which throws up surprising solutions and ideas. This is why we know how important integrated, well thought-out communication is. The latest and more conventional meters can be incorporated into Aquametro Smart Metering solutions to guarantee perfect interoperability.





# AMBILL® derago

## Mobile meter reading recording

The AMBILL® meter reading software for mobile readouts provides above-average functionality. The software is also available for Android smartphones and tablets. Typically, AMBILL® derago is used for mobile meter reading for consumption meters in the water, gas, electricity and heat sectors.

### Impressive benefits thanks to clever meter recording slimline, quick and convenient

#### Saves time and money

Manual recording of consumption data within the supply area becomes a thing of the past. The data on the handheld devices is normally transferred via a standard USB cable. The data can also be transferred across longer distances, e.g. via WLAN, GSM or internet.

#### Up-to-date and transparent

The utility always has an up-to-date overview of meter reading levels. Meter readings can also be taken manually on a PDA (Android smartphone, tablet, etc.) or automatically via infrared or CS interface (external reading).

#### Really user-friendly

Data is synchronised between the PC and mobile device completely automatically. All meters to be read are recorded in a single process using the same program interface. The clear user interface provides a complete overview of meters already read and those still to read.



#### High security

All devices are protected against data loss, even if the battery is completely drained. Data management systems from Aquametro support data import to and export from all conventional billing systems.

#### Better data quality

A plausibility check which checks current consumption against previous recordings comes as standard. Special tables and notes can be produced for a specific meter at any time. The provision, allocation and administration of the data for the mobile devices is PC-based. This allows all the meter readings to be transferred to all conventional billing systems. Options are available with either a standard Windows interface or browser-based (via web server). All data read electronically is archived automatically.





## Well thought-out everyday functionality simple, uncomplicated and reliable

### Route planning at the click of a mouse

Meter reading routes can be planned as required and the relevant data transferred to the hand-held device. If meter readers go on leave or are ill, streets or routes can be assigned flexibly to different readers.

### Simple meter replacement

Depending on the billing software used, tasks such as fitting or replacing meters can be carried out directly via the hand-held device. Distribution of tasks is managed by the administration system and a list of the meters in stock can be kept on the hand-held device. Data is synchronised with the billing system automatically.

### Web application

Use of the complete, up-to-date version of the software at all times, without extra maintenance and installations

### Android hand-held devices

Android meter reading devices have touch-screens with either fingertip or stylus controls, allowing user-friendly handling. The display size can be adapted to suit smartphones or tablets, or anything in between.

**Example:** A smartphone with a diagonal of 13.44 cm (5.3 inches) is a pleasant size and perfect for mobile work.

### Meter navigation

The meters are displayed directly on the hand-held device by means of built-in GPS functionality and geographical maps. This gives readers a perfect overview of the meters still to be read.

### Technical specifications

- **Data recording** via: stylus or finger input, infrared, CS, wireless
- **Data transfer** between PC and PDA: GSM, Bluetooth, WLAN or docking station/cable
- **PDA operating systems supported:** Android, Windows Mobile, Windows CE, Pocket PC
- **PC operating systems supported:** Windows 7, Vista, XP with latest SP
- **Billing systems supported:** SAP-ISU, AJ-Logos, easy (BCS), Gecoti, Gemowin, GeSoft, Heimer, Hürliman, Infocompta, InfoService, NEST-ISE, Ofisa, Urbanus, VRSG, W&W
- **Meter manufacturers supported:** Conventional products
- **Card reader support**
- **Meter reading recording via WebPortal**



# Smart Metering

## Measurement philosophy with built-in communication

Thanks to the use of communication-compatible electronic readers for energy and water, Smart Metering provides accurate consumer transparency and high-speed recording. Automatic data readout allows cost-effective communication of consumption.

The latest **AERIUS** gas meter and **TOPAS ESK** cold water meter provide a unique metering philosophy for utility companies offering Smart Metering!



A few years ago, we launched **aquaconcept**<sup>®</sup>, a modular system for recording water consumption. The innovative system technology and the consistent data flow provide all possible options, from recording consumption data to integration in the higher-level software. It takes just a simple step to update the relevant system modules on site, without removing the meter and while it is still running, to ensure requirements are met without impacting on measurement accuracy.

The **aquaradio**<sup>®</sup> smart wireless modules record consumption data in "walk-by" and/or "drive-by" mode and enable separate upgrade to a completely automated fixed network, where the data can be requested simply at the touch of a button via the internet.

## Whatever you are planning

Aquametro AG can support you as an innovative manufacturer / supplier and open partner, with qualified teams, its own development department and a state-of-the-art production unit. We have a clear promise. We meter. Customer orientation is our highest priority, highly accurate measurements are what we live for. Tailored modular systems mean everything fits together perfectly. This guarantees reliable, economical operations. Discover our wide range of services for flow and energy meters, including software for energy providers, buildings systems manufacturers and applications in the process industry.

## The secret of our success

As an experienced manufacturer and service provider, we know that the complete and detailed recording of customer requests provides a stable basis for mutual success. Competent advice and careful implementation of customer requirements within perfectly tailored development, design and production targets also play a decisive role.

By defining our targets in this way, we can utilise all our technical and creative potential and convert it into measurable quality on a consistent, reliable and punctual basis.

## References

Over 500 successful projects with over 5 million meters operated speak for themselves.



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