xylem

DIAVASO® Mobile App Suite

REMOTE METER READING APPLICATIONS FOR SENSUS RF AND WIRELESS M-BUS CAPABLE METERS

SENSUS
a xylem brand

The DIAVASO Mobile Application Suite

DIAVASO Essential
Your entry into the world of DIAVASO. Locate, read and health-check your meters remotely.

DIAVASO Collection Mobile
The heart of the system: DIAVASO Collection Mobile is an extensive readout and workflow manager for walk-by/drive-by and stationary operations.

DIAVASO Collection Station
The perfect solution for simple walk by/drive-by meter reading and small-scale fixed networks.

DIAVASO Data Logger
Access data logger information for in-depth analysis and easy data import & export.

DIAVASO Configuration and Service
The comprehensive readout and configuration tool for installers and service technicians.

Benefits

- User-friendly, modular apps for an improved meter reading workflow
- Easy management of walk-by/drive-by and stationary meter reading
- Simultaneous and secure meter reading even of inaccessible end points
- Alarm function with leakage-, tampering- and backflow-detection
- Data security and compliance with international standards
- No infrastructure or configuration required – simply download the apps
- Each app is available in 16 languages and can be used independently
- Works with most Android smartphones and tablets

DIAVASO
YOUR METERING MULTITOOL

Read Beyond the Surface

The DIAVASO suite is more than just software. It is a clever system that supports your meter reading with fast and easy mobile solutions. DIAVASO consists of five individual apps which can be used separately or in combination, depending on your requirements for remote meter reading (AMR) or small-scale fixed network (AMI).

The DIAVASO apps provide all the features and capabilities you need to read and manage your meters as efficiently as possible. The apps run on Android devices and communicate with the SensusRF radio transceiver SIRT (Sensus Interface Radio Tool) as well as wireless M-Bus capable third-party meters to provide meter installation, remote reading, maintenance and the configuration of meters and repeaters.

The Collection Mobile app includes a server-based interface (web portal) for managing the meter reading workflow, reporting as well as data exchange with the billing system. For customers who want to start the digital journey, DIAVASO Essential is the right app to get „smart ready", offering basic functionality to locate, read and health check your meters.

SensusRF – License Free Radio

SensusRF is an advanced radio communication system for retrieving data from meter endpoints and providing it for further processing and analysis. It offers a pathway to upgrade from mobile reading in walk-by/drive-by systems, to fixed infrastructure for remote reading of end points, without any changes required.

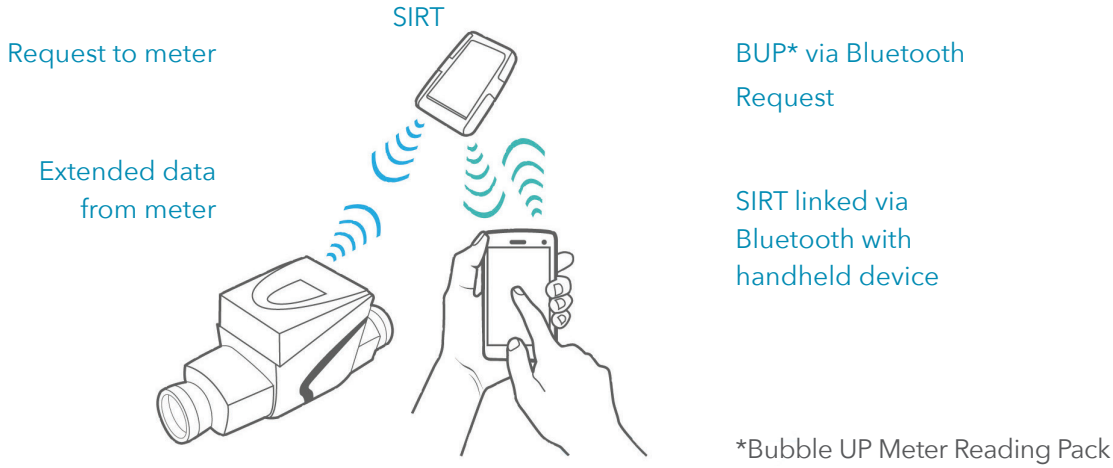
SIRT – Mobile Communication Solution

With DIAVASO it is easy to support a mixed deployment of SensusRF and M-Bus using one common set of tools and apps - ensuring greater efficiency. The Sensus Interface Radio Tool (SIRT) is your link between the DIAVASO apps and all SensusRF enabled meters as well as wireless M-Bus capable third-party meters.

The long-lasting battery-powered radio modem connects to the handheld device running DIAVASO via Bluetooth.

It provides two internal antennas to forward radio messages from the strongest signal received (antenna diversity capability).

Uni- and bidirectional Communication



*Bubble UP Meter Reading Pack

High Data Security

All sensitive data is encrypted and protected against unauthorized access. Different hosting- and server-options are available. The communication of all sensitive data between DIAVASO end devices and the data center is protected against unauthorized access, taking into account internationally agreed and common best practice recommendations.

Built for a smarter water network

Xylem's SensusRF-compatible meters in combination with SIRT and DIAVASO enable you to manage distribution networks much more efficiently, providing accurate and reliable data, whatever the installation and environmental conditions. With the multiple communication options, you can easily migrate from a walk-by/drive-by AMR systems to a fixed network AMI solution for near real time data communication.

Complementary Products

DIAVASO works perfectly with the Sensus product range. Connect it to commercial & industrial meters, thermal energy meters or residential meters. DIAVASO supports any third-party meters that use wireless M-Bus.

iPERL®
Solid-state water meter

640/640C/640MC
Mechanical water meter with eRegister, available in composite and brass body

PolluCom® F and PolluStat®
Mechanical and ultrasonic thermal energy meter

Cordonel®
Solid-state commercial and industrial water meter

CompactRF®
Clip on radio module to retrofit Sensus water meters with SensusRF

MeiStreamRF®
Commercial and industrial water meter with electronic register

Xylem |ˈzīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to xylem.com

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