

Intelligent systems for locating leaks and monitoring water pipe networks

sebaKMT
by Megger®

INTERNET
SebaCloud™



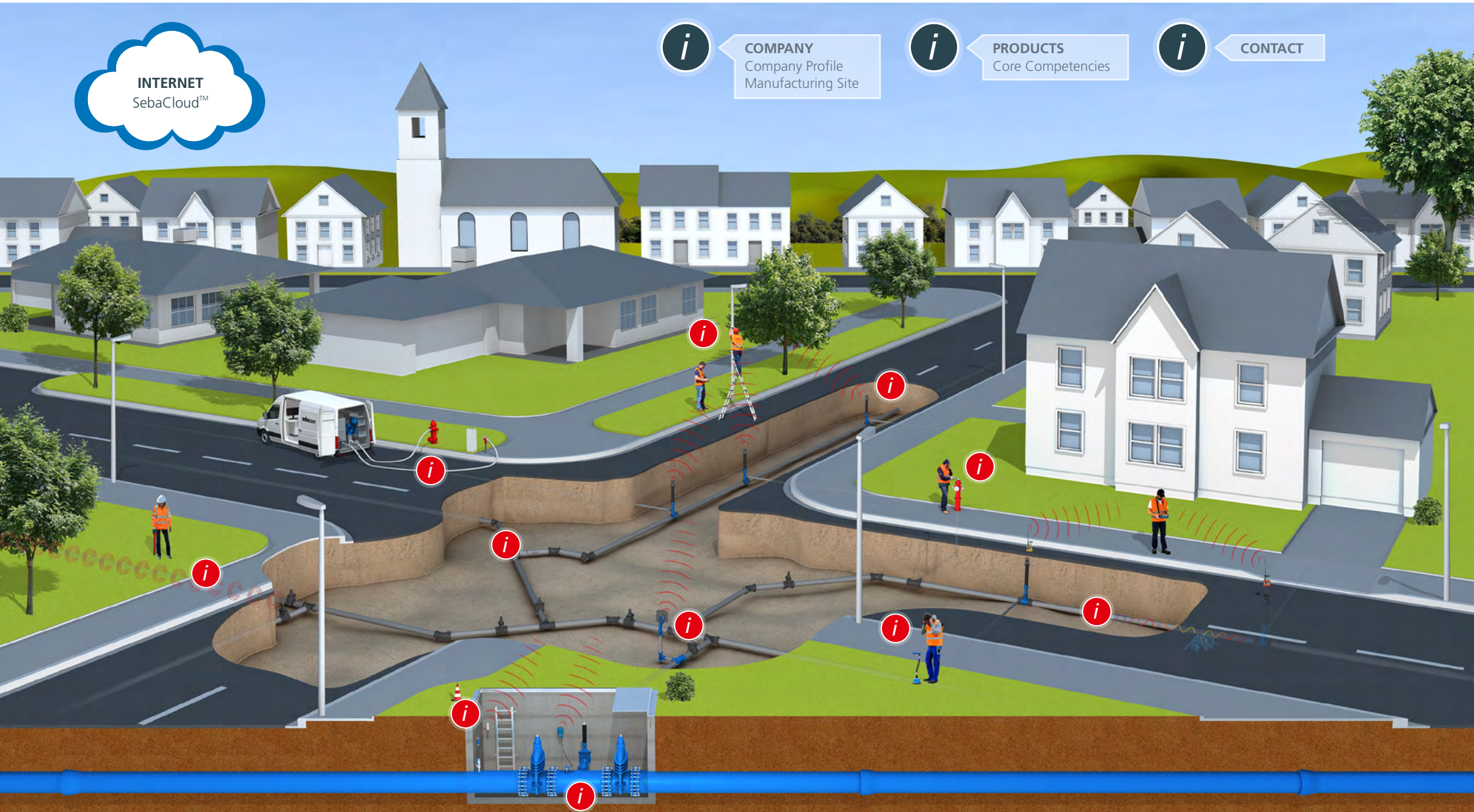
COMPANY
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Core Competencies



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Company Profile



SebaKMT is a world-wide known developer and producer of measurement equipment for locating leaks in drinking water distribution networks.

For over 60 years we have been a partner to all significant operators of water networks.

Our products make an important contribution to the reliable - and thus to the economic - operation of our customer's installations.

SebaKMT has representatives in 130 countries worldwide, with excellently trained staff and the most modern technology. With that we have the most comprehensive service and consulting network in the industry.

Since 2012 we are member of the Megger Group.



Manufacturing Site



Most of our devices are produced in Baunach near Bamberg (Bavaria) and have therefore the quality attribute „**Made in Germany**“.



Core Competencies



Monitoring

Correlators

Pressure & flow measurement

**Ground microphone &
tracer gas equipment**

Noise level & frequency logger

Line location / metal detector

Intelligent systems for locating leaks and monitoring water pipe networks

Trunk Main Monitoring X

Permanent monitoring system for pipelines –
for preventing pipe bursts in water pipelines!

TMM

- quick and easy to programme
- short installation times
- measurement parameters can be configured remotely

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Pressure & flow measurement X

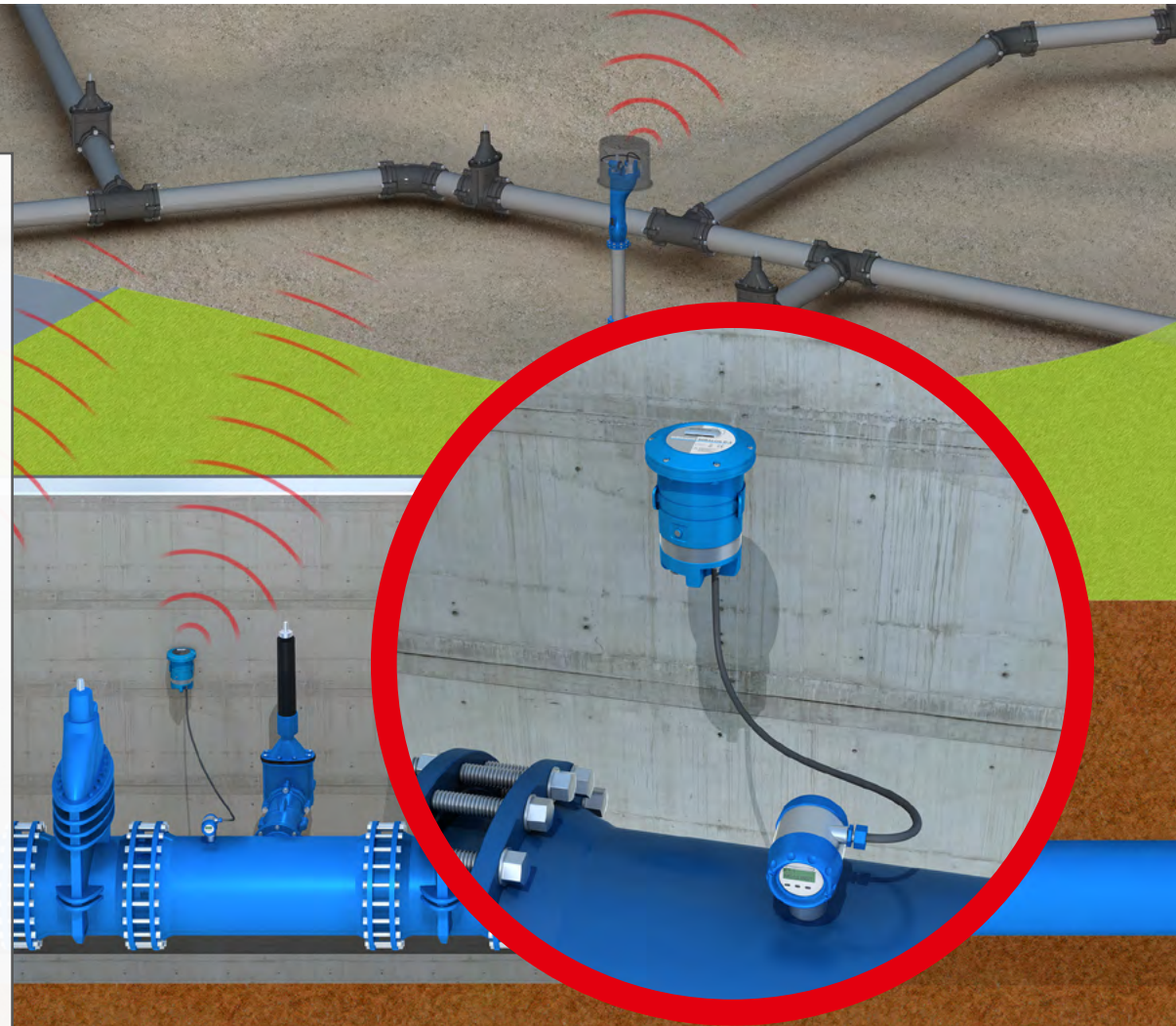
Thanks to its compact, robust design and the totally waterproof housing, the Sebalog D-3 data logger is very hard-wearing.

It reliably informs you of the flow rate status from the pressure and flow measurements in your supply network on up to 4 channels.

Sebalog D-3

- simple installation
- alarms conveniently sent to smartphone
- memory for over 1 million readings
- remote configuration via GSM / GPRS / 3G / UMTS
- server hosting via SebaCloud
- compact and robust design for maximum safety

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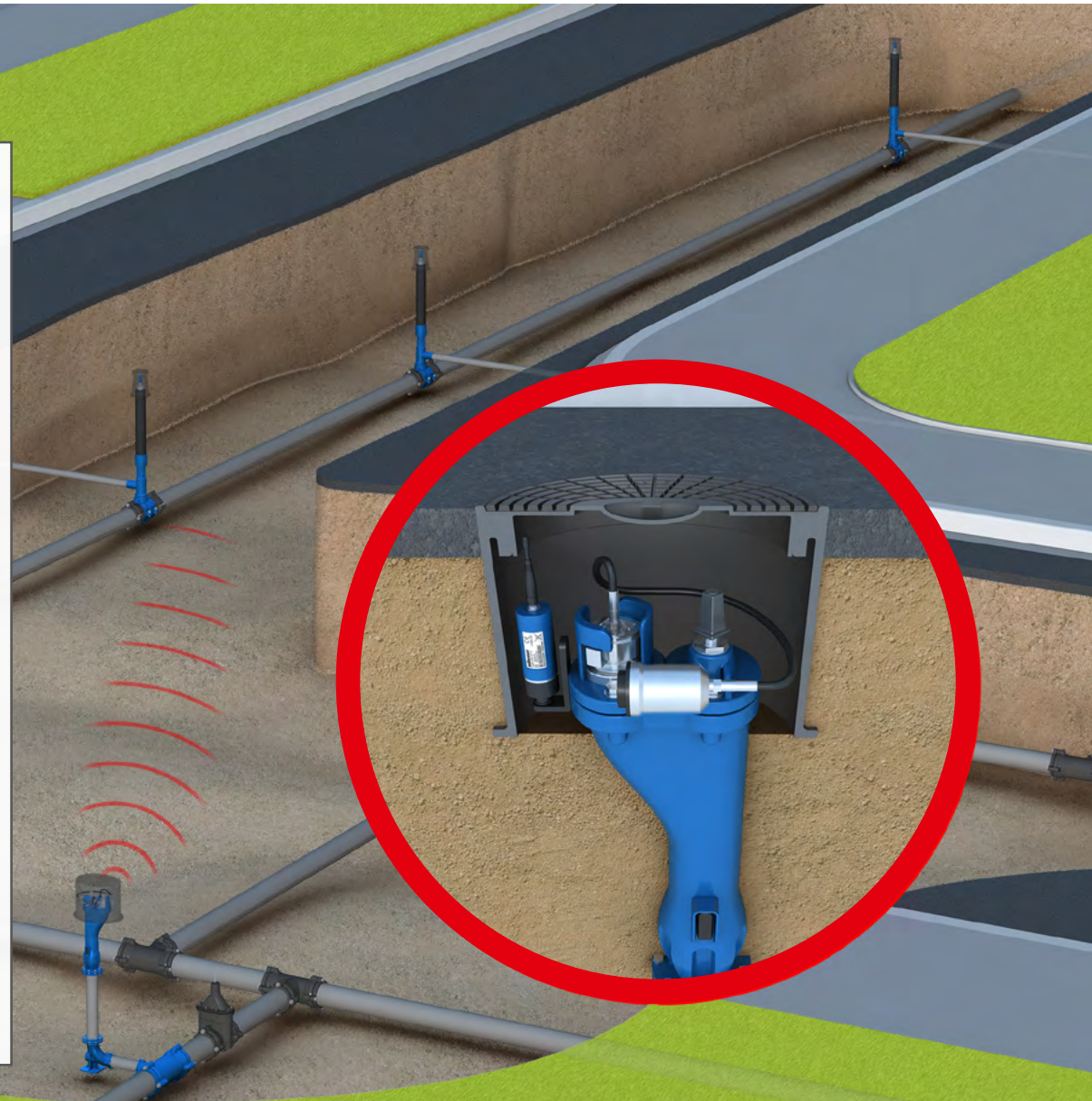
Pressure & flow measurement X

Extremely small and robust logger for pressure monitoring and pressure surge recording. The Sebalog P-3-Mini is the ideal device for monitoring pressure in water supply networks. When registering a rapid rise in pressure, the measurement interval of the logger is automatically reduced to 10 Hz, enabling the exact course of a pressure surge to be precisely analysed later.

Sebalog P-3-Mini

- pressure surge recording using Very short measurement intervals
- virtually indestructible housing with protection class IP 68
- fits in every shaft due to extremely compact design
- long operating time and very large data storage
- optional data transmission by means of GSM Transmitter 3

[datasheet](#)



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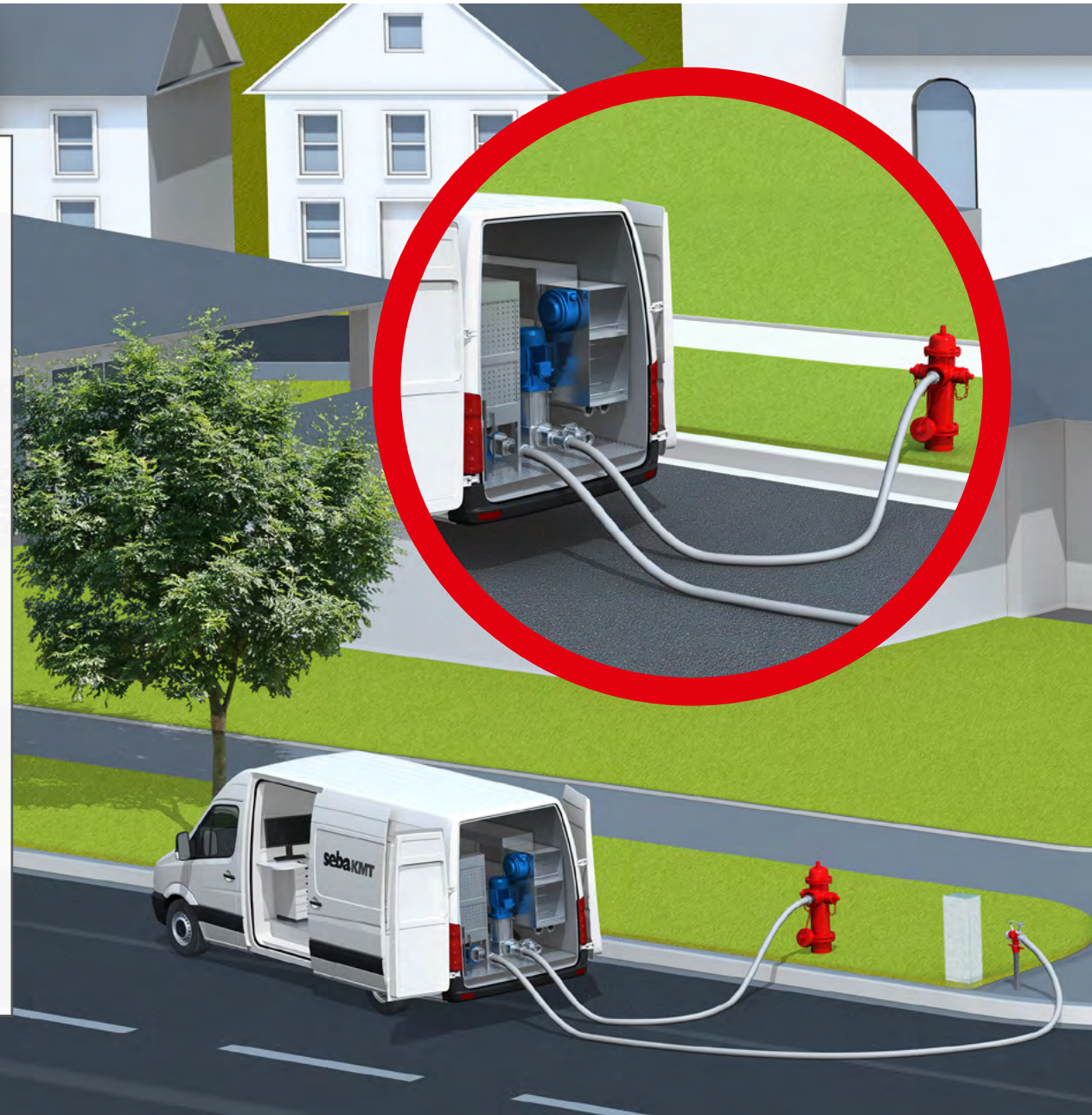
Flow measurement X

The TDM 300 flow meter enables a quick and exact flow measurement. It's portable or van-mounted. The user can watch the actual flow on the flow meter's LCD display or send the flow data wirelessly to a hand-held data collector. The TDM 300 is equipped with an internal data logger on which all measurements can be stored or send automatically via GSM / GPRS / 3G or UMTS to your control centre or saved in the specially developed SebaCloud.

TDM 300

- Ideal for temporary flow measurements
- Wireless communication
- Optional alarm transmission
- Integrated pressure sensor
- Adaptable for all connections

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Correlators



Hybrid correlator for online and offline measurements.

Correlux C-3

- easy to use with colour touch display
- online and offline correlation
- long operating time and inductive sensor charging
- pinpointing with multi-sensors or ground microphone
- perfect for plastic pipes and trunk mains
- multi-correlation without pipe parameter input

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Acoustic leak location X

Hand-held leak locator with integrated sensor and wireless headphones.

HL 50-BT

- easy to operate with only two operation buttons
- frequency filter for different field applications
- always ready to use thanks rechargeable battery
- for professional leak detection, external ground micro phones can be connected

[datasheet](#)

Electro-acoustic leak detection with ground microphone, sensor rod and tracer gas

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HL 7000

The advanced ground microphone – for preventing pipe bursts in water pipelines!

HL 7000

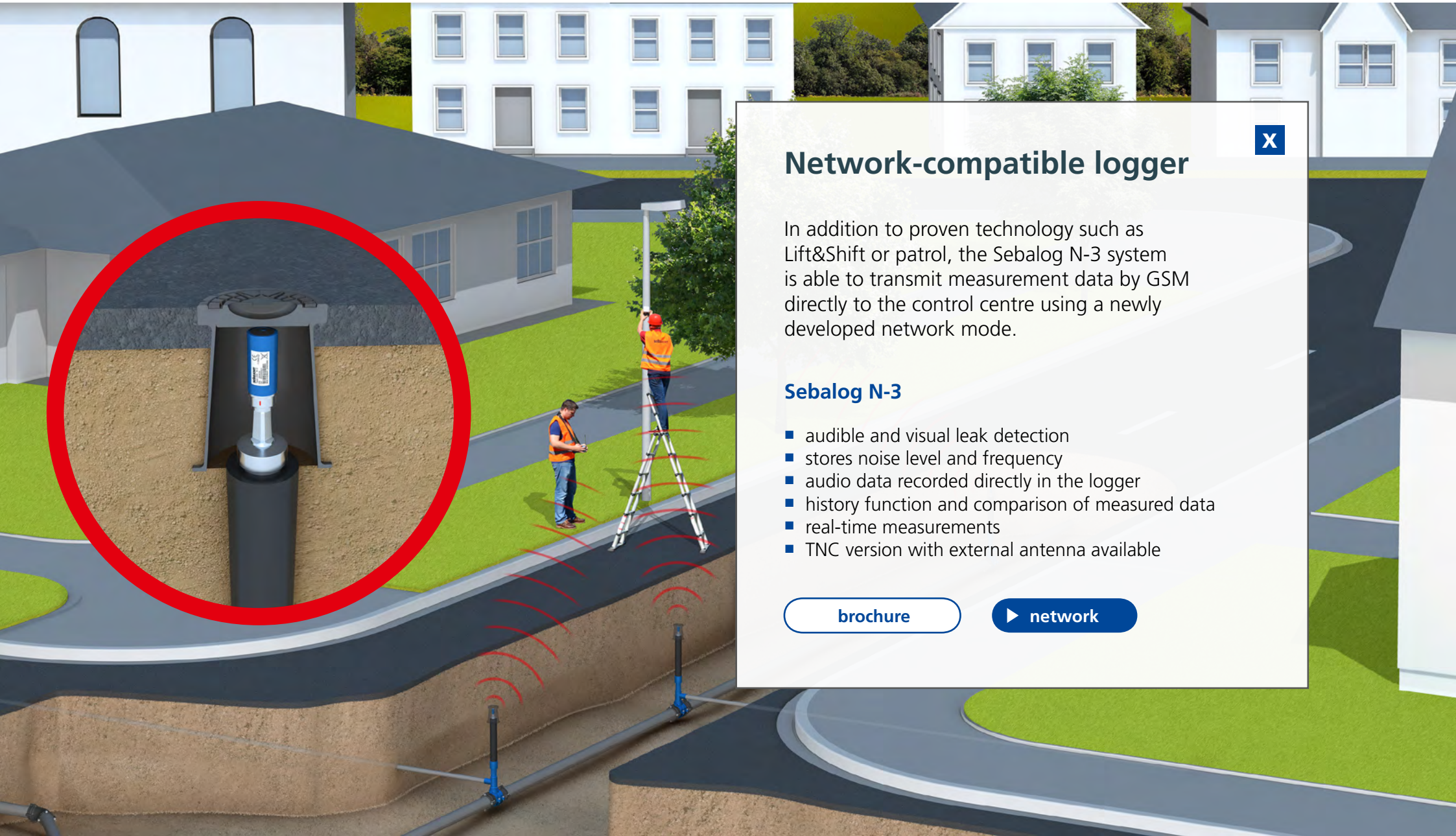
- Completely wireless thanks to Bluetooth®
- Intuitive operation with clear touch colour display
- Always ready to use due to powerful lithium-ion rechargeable batteries
- Integrated GPS receiver
- Environmental/extraneous noise reduction
- Frequency analysis
- Optional: Connection of a tracer gas sensor

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Network-compatible logger X

In addition to proven technology such as Lift&Shift or patrol, the Sebalog N-3 system is able to transmit measurement data by GSM directly to the control centre using a newly developed network mode.

Sebalog N-3

- audible and visual leak detection
- stores noise level and frequency
- audio data recorded directly in the logger
- history function and comparison of measured data
- real-time measurements
- TNC version with external antenna available

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[▶ network](#)

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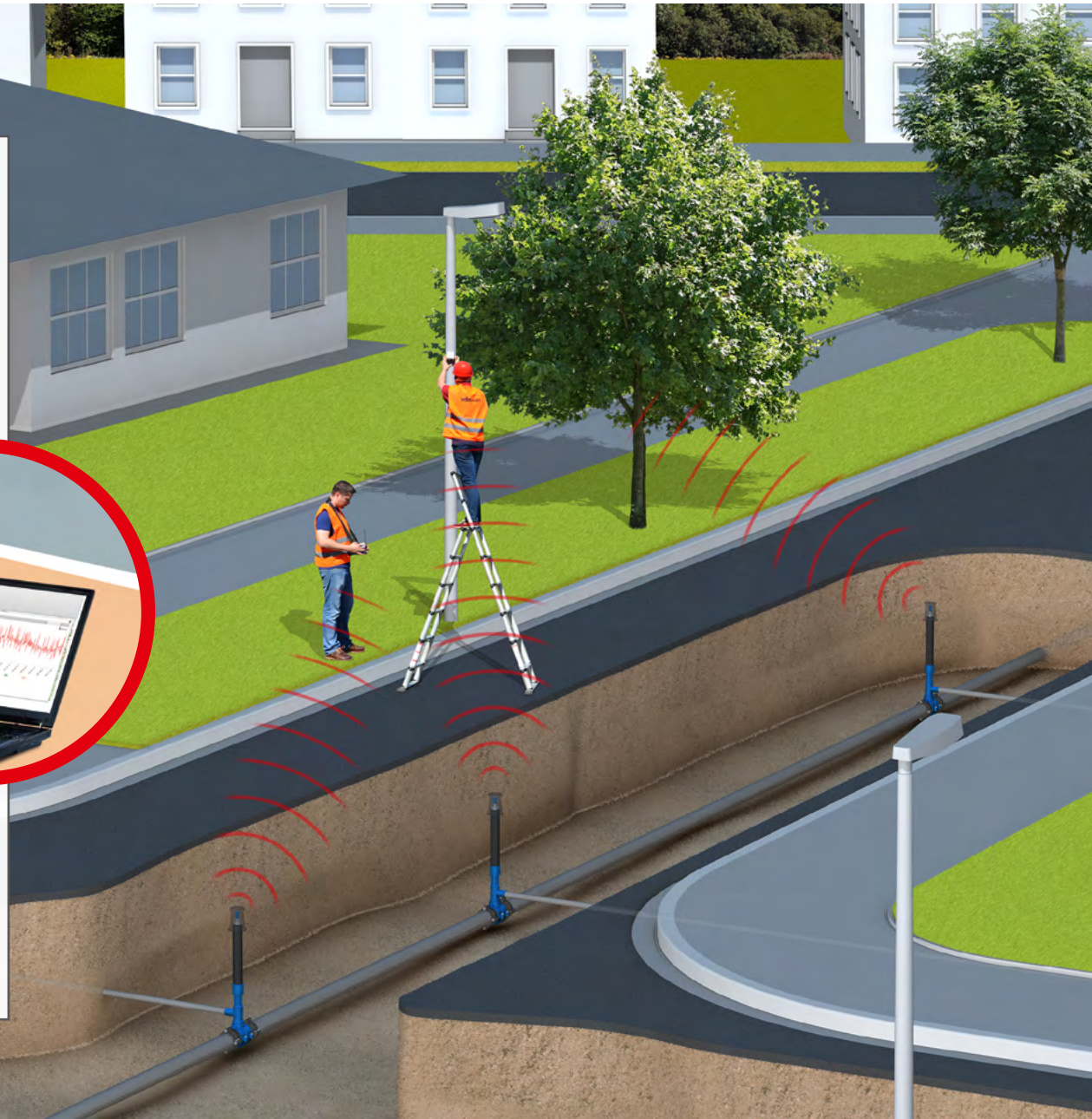
Noise logger network X

Time is most important when detecting and locating leaks. The latest monitoring systems, such as the Sebalog N-3 noise logger network, are therefore designed to identify existing leaks, to detect new leaks as fast as possible, and thus minimise losses in the network in the long term.

N-3 Network

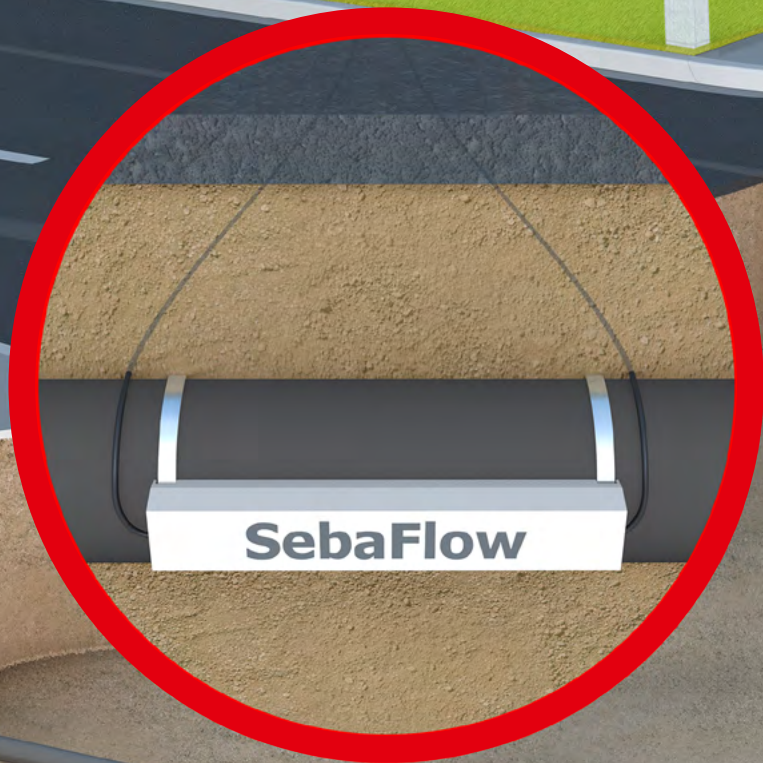
- correlation function
- daily data transmission
- remote configuration
- most simple installation process
- cost-effective data transmission
- no time-consuming patrol of individual loggers

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Zone monitoring X

SebaFlow enables the continuous flow and zone monitoring of a pipe network section (DMA District Metering Area) through the use of ultrasonics. Installation is managed without interrupting the water supply by means of attaching sensors to the outside wall of the pipe. SebaFlow is robust and maintenance-free, allowing installation without chamber construction.

SebaFlow

- maintenance-free flow measurement
- early leak detection
- installation without supply interruption
- no chamber construction necessary
- precise measurements even at low flow rates
- battery-operated solution available as an option

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Line location / metal detector



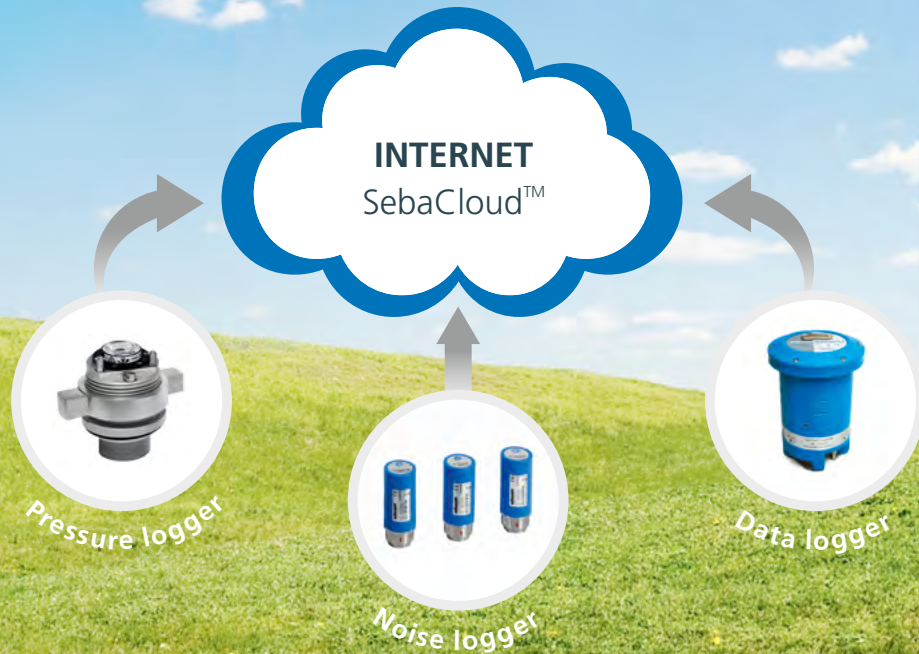
The SebaKMT line location systems allow your staff to quickly and reliably find cables, identify the exact route and gain a comprehensive view of the network.

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Web software



SebaCloud™ is the web software of SebaKMT and it provides an overview of your entire network all the time, enabling you to view current and historical measurement data and track how the readings change over long periods. As well as this, you can save pipe network data, correlate measurement results and use network diagnostic functions.

SebaCloud™ meters values:

- leak noises
- meter readings
- flow rate
- pressure ratios
- alarm messages



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