B.One Utility Solutions

Water, meet Data

Introducing our metering service portfolio for water utilities ready to go digital.



Brunata

ZENNER

B.One Utility Solutions. Use Data to Run Smarter Water Utilities

With our metering solutions, water utilities gain access to technology, data and support, enabling you to manage metering infrastructure with ease and gain full visibility into your consumption data.

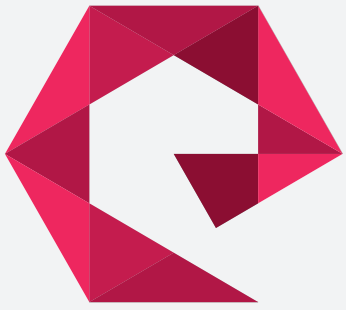
With B.One complete and B.One element suite, you can have it your way.

That is the idea behind B.One Utility Solutions: a flexible portfolio of solutions for water utilities, ready to go digital. Both solutions are built on a simple vision: digitalisation should be easy to understand, easy to scale and predictable for your budget. Get direct added value to the installation of metering devices by getting access to the technology, digital platform and the support that fits your organisation.

Whatever you choose, we will help you use energy with care.



Choose
B.One complete
for a fully supported, ready-to-run solution.



Choose
B.One element suite
for the freedom to build, own and control your own network and platform.

B.One complete Intelligent Metering Made Simple

B.One complete is a ready-to-run solution for water utilities going digital. We handle the complexity and take charge of everything from installation to operation and service, so you can focus on reliable supply.

B.One complete is the fully supported solution

B.One complete is an easy way to digitalise your metering infrastructure. It combines connected meters, network, data collection, digital platform, and support in one managed solution. You get a better overview and earlier warnings without having to manage every technical detail yourself. B.One complete gives you everything you need in one fully supported solution.

A partner from A to Z

We help you plan, install, connect, and operate your metering infrastructure. We support the full process: setting up meters, establishing the network, configuring the platform, and ensuring the solution works in everyday operation.

This gives you a clearer overview of your metering infrastructure. You can detect leaks, identify abnormal consumption, monitor meters and network performance, and give consumers better insight into their consumption.

More insight. Less complexity.

We can support consumption accounts and reporting, so data becomes useful in practice, not just collected in the system.

B.One complete is built for water utilities that want the benefits of digital infrastructure without the burden of managing every detail themselves.



Much More Than Meters

B.One complete turns connected infrastructure into useful insight.

Intelligent meters and sensors
Reliable meters and sensors collect precise data from your water infrastructure.

Wireless IoT network
We connect devices through a secure wireless network using LoRaWAN®, a global standard for reliable, long-range IoT communication.
We also support wM-Bus, NB-IoT and wired solutions, allowing you to choose the technology that best fits your infrastructure.

Platform set-up
We configure the administration platform Brunata Online, so consumption data, readings, dashboards, reports and alerts are easy to access and use.

Remote readings
Consumption data is collected automatically in Brunata Online, reducing manual work and giving you an up-to-date view of your network through various visualisations and reporting options.

Leakage and waste detection
Intelligent alerts directly in Brunata Online help you detect leaks, abnormal consumption, and technical issues in time.

Consumption insight and reporting
High-frequency consumption data can be used for consumption accounts, reporting, analytics, and consumer-facing services. Giving you the insights you need to optimise operations and make better use of resources.

Data sharing and integrations
Share data with your existing administration systems through standard integrations, API's, or data exports. This gives you easy access to consumption data where you need it and helps streamline everyday workflows.

Service and maintenance
We keep the solution running with ongoing support, service and maintenance, so you can focus on reliable supply.

Subscription, Your Way

With B.One complete, you get access to the Brunata Online platform. Choose the administration package and services that best fit your needs and budget.

Basic

The simple solution that covers basic needs.

- Meter data
- Connectivity
- Daily meter readings
- Archive

Plus

A perfect combination of essential features and additional benefits

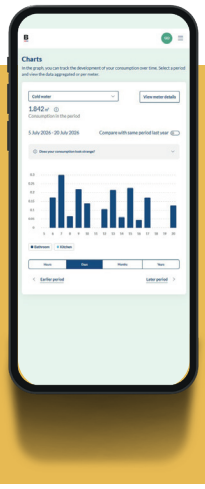
- Meter data
- Connectivity
- Daily meter readings
- Archive
- Moving registration
- MyBrunata-app for consumers

Premium

For those who want it all

- Meter data
- Connectivity
- Daily meter readings
- Archive
- Moving registration
- MyBrunata-app for consumers
- Visuals
- Meter location map
- Consumption agent
- Event alarms

Subscriptions

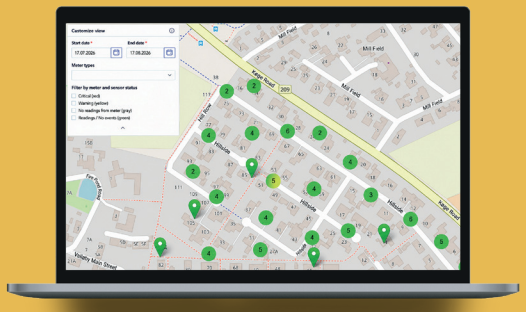


Give customers full insight

With MyBrunata app, consumers can follow their water consumption over time. This gives them a better understanding of their own use and helps them reduce consumption, save money, and use resources with care.

Brunata Online. Everything you need in one place

Easy to use and ready from day one. Create your own reports, alarms and visualisations or use ready-made options to get the insights you need for everyday operations. Helping you turn meter data into better decisions.



B.One element suite.
Your Utility.
Your Network.
Your Platform.

The modular platform for utilities that want to design their own digital infrastructure.

B.One element suite is for water utilities that want flexibility and control over their digital infrastructure. You choose the building blocks you need to shape the platform around your own organisation, workflows and infrastructure.

A Suite of Possibilities

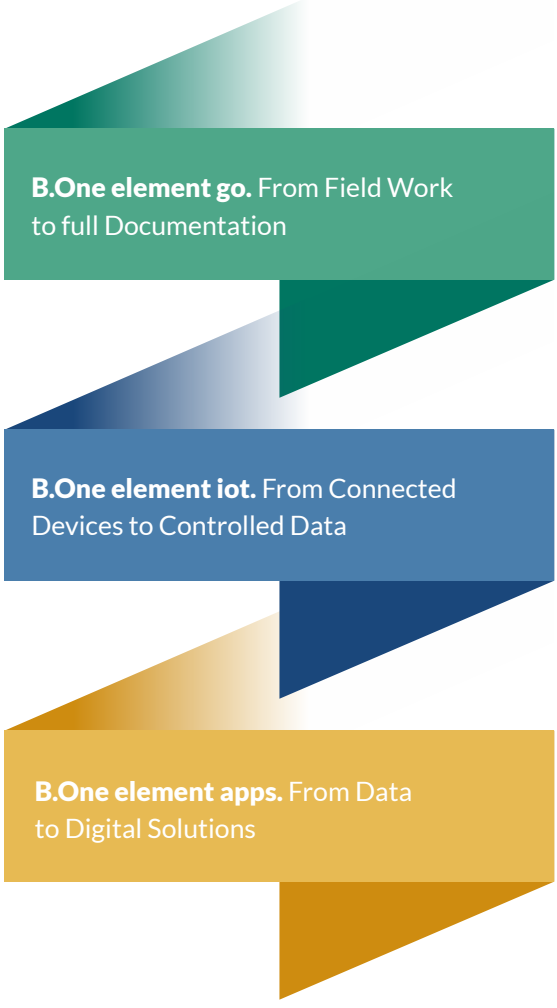
Built around element go, element iot and element apps, it gives you the digital tools to build, manage and develop your own metering platform.

Build the platform that fits your organisation today and adapt it as your needs evolve.

Build. Own. Control

You build and manage your own platform, giving you the freedom to work with the technologies and systems that fit your organisation.

B.One element suite is for water utilities that want to build, own and control their digital infrastructure.



Three Tools. One Digital Structure

B.One element suite is built around three digital tools that help you create, manage and develop your own metering platform.

Choose the elements you need
Together, element go, element iot and element apps give you the freedom to build, connect and expand a digital platform that fits your organisation today and evolves with your needs tomorrow.

Technology-agnostic, industry-independent, vendor-neutral
A wide variety of radio technologies can be used with B.One element suite: LoRaWAN®, NB-IoT, wM-Bus (encryption mode 5 & 7) or 5G. Nearly 500 different device types from manufacturers across multiple industries are supported out of the box.

Seamless Digital Data Flow—End to End
From device and sensor commissioning to the final application, every step is digitally integrated, including application-specific metrics.

Operational monitoring
Automatically identify faults in your network operation or data transmission and initiate corrective measures.

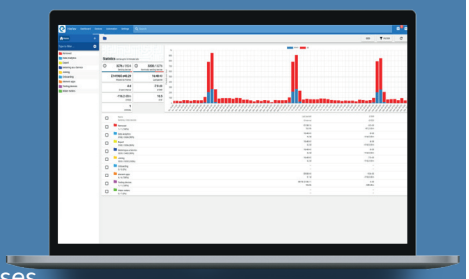
Automatic device configuration
Mass processes support you by setting up large numbers of sensors, put them into operation and alter their configuration. (e.g. transmission intervals).

Turn Data into actionable Insights
Develop tailored applications and transform your data into meaningful, actionable insights. The intuitive low-code approach enables you to create flexible solutions quickly and easily—without requiring extensive programming knowledge.

B.One element iot.
From Connected Devices to Controlled Data

It gives you the tools to connect devices, manage gateways, process large amounts of data, define automations and alarms and integrate data with your existing systems.

element iot can be used as Software-as-a-Service, hosted in Germany and GDPR-compliant out of the box. As an alternative, you can host it on-premises, depending on how much control you want to keep in your own organisation.



B.One element
iot

B.One element
suite

B.One element
apps

B.One element
go

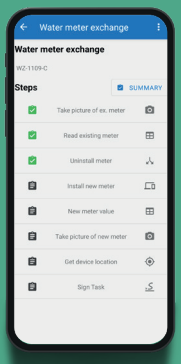
B.One element apps.
From Data to Insights

With the drag and drop framework you can create applications for your individual use case and data analytics, without any programming knowledge. Or use ready-made apps that are already integrated in the B.One element suite.



B.One element go.
From Field Work to full Documentation

Use element go to plan installations, manage meter replacements, prepare work orders, assign tasks to field staff and document every step of the process on a smartphone or tablet.



Reliable Metering Across Your Water Infrastructure

Different measurement points require different meters. From individual consumption to larger flows in the distribution network, our own range of water meters covers different applications across your water infrastructure.

ZENNER metering technology

Our meters support different communication technologies, giving you the flexibility to choose the network that fits your infrastructure and requirements.



IUW B.One

Ultrasonic bulk water meter for high and fluctuating flows. Designed for high and fluctuating flows in drinking water distribution. Two pairs of ultrasonic sensors provide high measurement accuracy, while the flow sensor has no moving parts and ensures very low-pressure loss.



IUWS B.One

Ultrasonic water meter for individual consumption. Designed for accurate and reliable measurement of drinking water consumption in residential applications. Ultrasonic technology provides precise measurement with no moving parts in the flow sensor, while the meter is designed for long-term operation.



Multi-Jet MTKD

Multi-jet water meter for individual consumption. A proven mechanical water meter for reliable measurement of drinking water consumption. The multi-jet design provides precise measurement results, low bearing load and a long service life.



WPD/WPHD

Woltman bulk water meter for high flows. A robust mechanical bulk water meter for high flows in drinking water distribution. Its wide measuring range, low pressure loss and durable measuring stability make it well suited for demanding applications.

Your meters. Your choice.

Our meters are just one option. You can use the meters that best fit your requirements and existing infrastructure, regardless of brand. With B.One complete, we can take over existing meters or help you select other meter types as part of the complete solution, allowing you to build on your existing infrastructure where possible.

ZENNER B One

24/7 Connectivity 100% Useful Data.

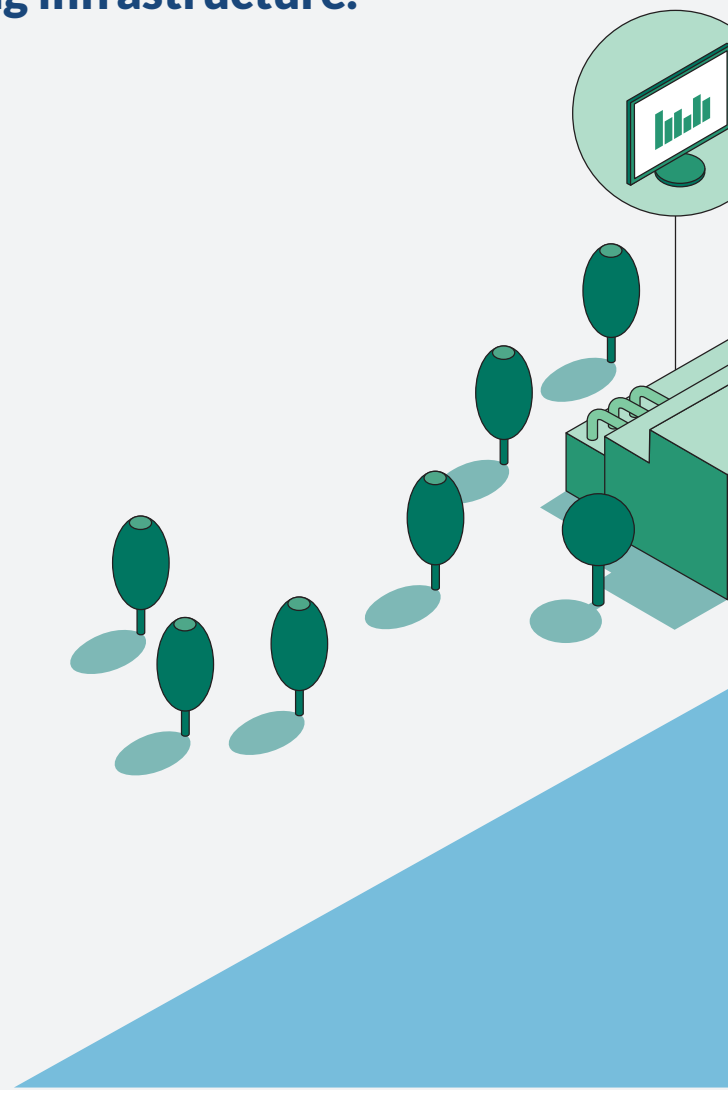
A digital metering solution is only as useful as the data it delivers. That is why a stable and reliable network is an essential part of your metering infrastructure.

The network connects your meters and sensors and ensures that data is available when you need it.
It should simply work - reliably and securely in the background - so you can focus on using the data, not on how it gets there.

LoRaWAN®
- built for connected infrastructure

LoRaWAN® is our preferred technology for wireless meter reading and IoT-based data collection.
The global, proven standard combines long-range communication with low energy consumption, making it well suited for connecting meters and sensors across a water utility infrastructure.

With relatively few gateways, LoRaWAN® can cover large areas and securely transfer data from connected devices to the digital platform. Its open standard also provides flexibility to connect different types of meters, sensors and IoT devices.



Long range
Designed for communication across large areas.

Low power
Low energy consumption supports long battery life in connected devices.

Secure
Data communication is encrypted from connected devices to the platform.

Open standard
A globally established IoT standard that supports a wide range of connected devices.



The right network for your utility

LoRaWAN® is our preferred network technology, but every water utility is different. Coverage, existing infrastructure and technical requirements all influence the right connectivity solution.

We adapt the network solution to your infrastructure and requirements and also support technologies such as Wireless M-Bus, NB-IoT and wired solutions.

Wireless M-Bus

An established open standard for wireless remote meter reading. Wireless M-Bus can be used with existing infrastructure and provides secure and stable transmission of meter data

B.One Utility Solutions

Two routes. One clear path forward.

Which solution fits your water utility?

B.One complete

B.One element suite

Your assurance of a reliable digital solution
made by our preferred partner, ZENNER

B. One

Brunata

ZENNER

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