



## SEBA Hydrocenter

Cloud-based web portal for providing and visualizing measurement data

- Modern web portal with intuitive user interface
- Full mobility thanks to responsive design and PWA support
- Can be used for both online and offline monitoring
- Interactive visualization in hydrographs, tables and map views
- Parallel display of multiple measurement data series (multi-graphics)
- Automatic data flow from the measuring point to the web portal
- Highest data security & regular backups
- No software installation required
- Flexible licensing solutions (additional functions, user rights)
- Made by SEBA Hydrometrie – Quality & Innovation since 1967

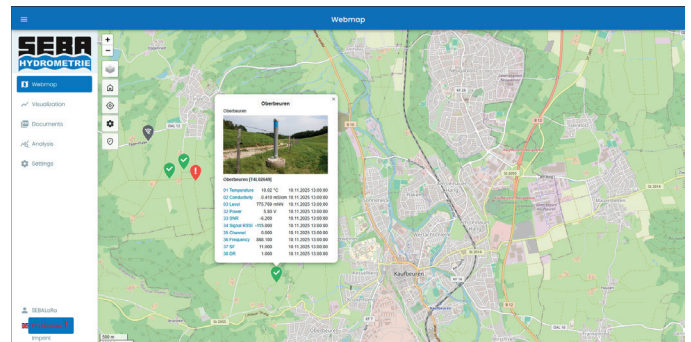
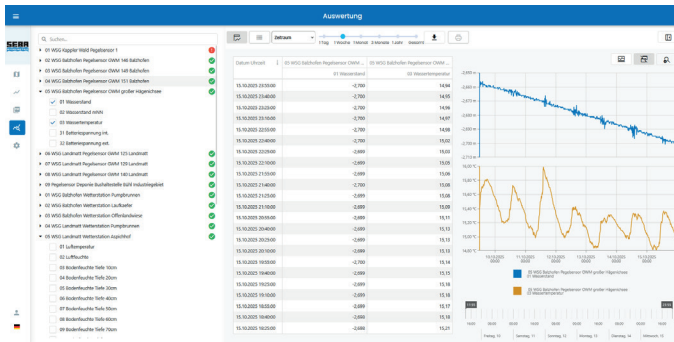


# The basic functions of the SEBA Hydrocenter

The **SEBA Hydrocenter Cloud** is the central application for your environmental measurement data. Whether monitoring groundwater or surface water, meteorology or water quality - all time-series data are automatically collected, visualized and made available. The web-based and secure platform requires no installation and can be accessed anywhere: in the office, in the field, or on the go.

## Visualization & Map View

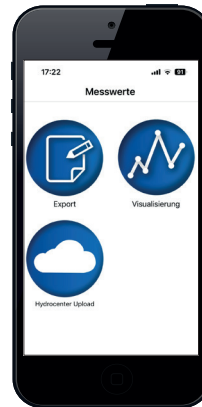
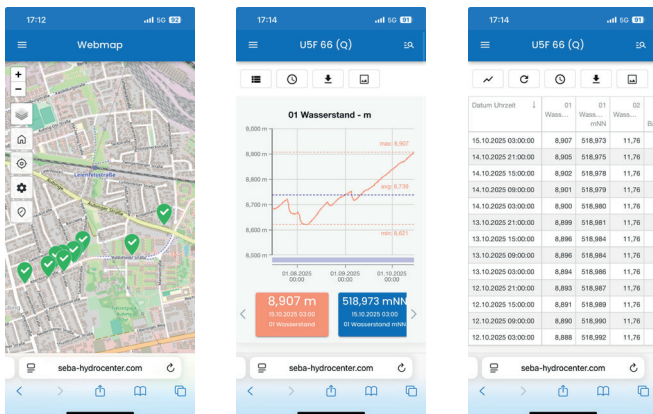
Measurement data is presented interactively - as hydrographs, tables, or map views (web map). The multi-graph function allows simultaneous comparison of multiple time-series, e.g., water level and water temperature. The integrated web map provides a spatial overview of all monitoring stations, including real-time station status (traffic-light indicator) and additional site information.



Interactive hydrographs and map view with station status

## Mobile & Offline

Whether on your PC or smartphone, the responsive design and PWA support keep you connected to your measurements at all times. Offline measuring sites are seamlessly integrated via cloud uploads with the SEBA ConfigApp (Android/iOS) combining automatically transmitted and manually uploaded data in one system.



SEBAConfigApp

All data in one place—automatically or manually.  
Export measurement data and share it securely.

## Data export & user access

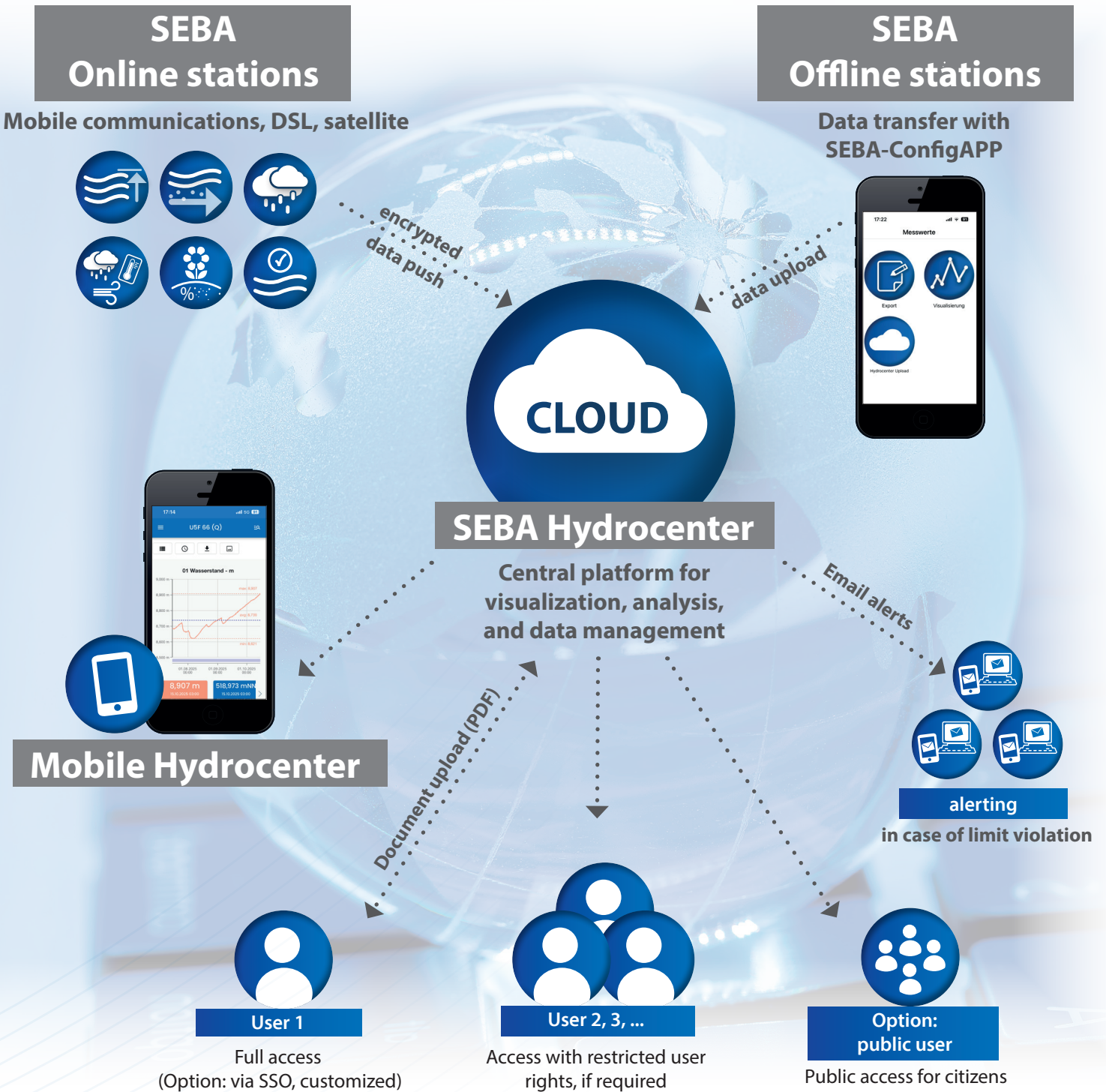
Measurement data can be easily exported – select the time period, measuring point and format, and the Hydrocenter will automatically create your export file.

**CSV** and **ZRXP** are supported, among others, and are compatible with all common evaluation and GIS systems.

Additional users with individual access rights can be created by SEBA. This ensures that project partners or clients only have access to approved measuring points, enabling targeted, secure and fully traceable data sharing.

**The SEBA Hydrocenter Cloud combines all the functions required for efficient, transparent, and modern data management—intuitive, secure, and available at all times.**

# Data flow around the SEBA Hydrocenter



## Secure data download

**Secure data download** is a standalone provisioning option for users who do not **operate their own FTP(S) server**. SEBA provides an **FTP(S) server** for this purpose. On this server, the time series from the measuring stations can also be stored in encrypted form on request and can be retrieved **automatically in standard formats (e.g., CSV, ZRXP)** or **customer-specific formats** - e.g., via **FTP client (such as FileZilla)** for automatic import into customer systems.

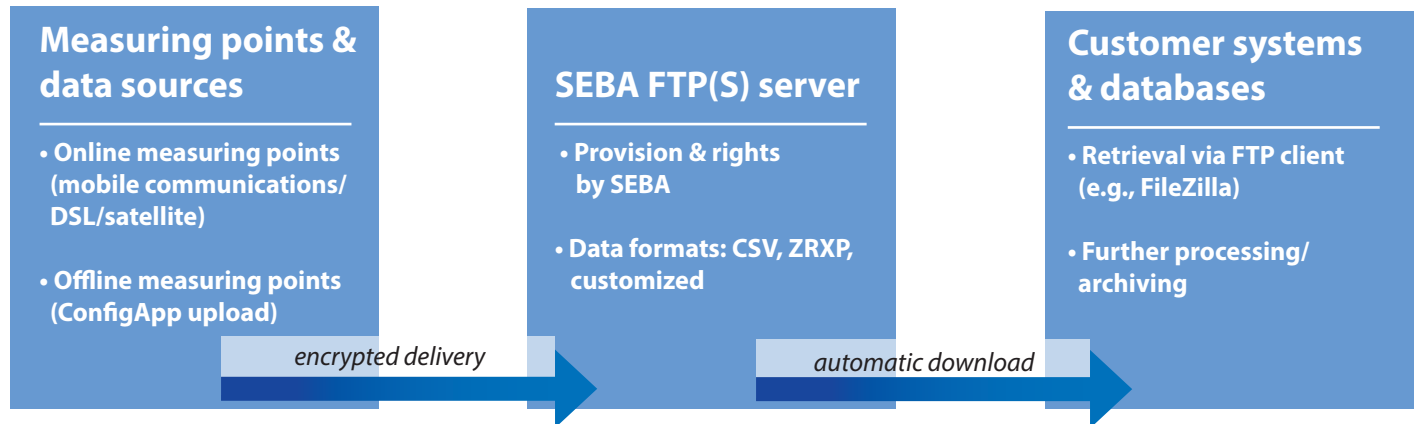
### Who benefits from the data download?

- Operators needing **regular, automatic data transfer to their own databases**.
- Organizations **without their own server infrastructure** (and no FTP/FTPS/SFTP server).
- Those looking for an **alternative or supplement to the SEBA Hydrocenter Cloud** (both can be combined).

# Secure data download

## Performance characteristics:

- Provision via FTP, FTPS, or SFTP (optional)
- Encrypted transfer and secure server operation
- Standard formats (e.g., CSV, TXT, ASCII, ZRXP) or customer-specific export formats (optional).
- Can be automated (e.g., via FTP clients).



Secure data download can be used without SEBA Hydrocenter—or in combination with Hydrocenter if additional visualization, analysis, and user access are desired.

# License models & variants

## Flexible. Transparent. Suitable for every need.

The SEBA Hydrocenter is available in two license levels: Basic and Pro. Both versions offer secure access to your measurement data – the Pro version provides advanced features for analysis, teamwork, and visualization.

	Basic	Pro
Visualization & measurement display	✓	✓
Station list & individual graph	✓	✓
Table & tile view	✓	✓
CSV & ZRXP download	✓	✓
Display web map		✓
Edit web map & manage layers		✓
Traffic light system / status display		✓
Interactive multi-graphics		✓
Upload/download PDF & image files		✓
Sensor & station editing		✓

# Data export & user access

For operators with their own IT infrastructure, SEBA also offers the Customer Hydrocenter. Here, all measurement data is stored directly on the customer's own server – hosting and maintenance are handled entirely by the customer.

The Customer Hydrocenter provides full autonomy: measuring points, sensors, and user rights can be created, managed, and configured independently. This option is particularly suitable for organizations with strict data protection requirements or internal IT departments that wish to operate their monitoring data internally – offering the same functionality as the SEBA Hydrocenter.

# Service & Support

SEBA offers comprehensive support for SEBA Hydrocenter setup, customization, and training. Our support team is happy to assist you with any questions you may have about licenses, system operation, or data connectivity.

## Contact:

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