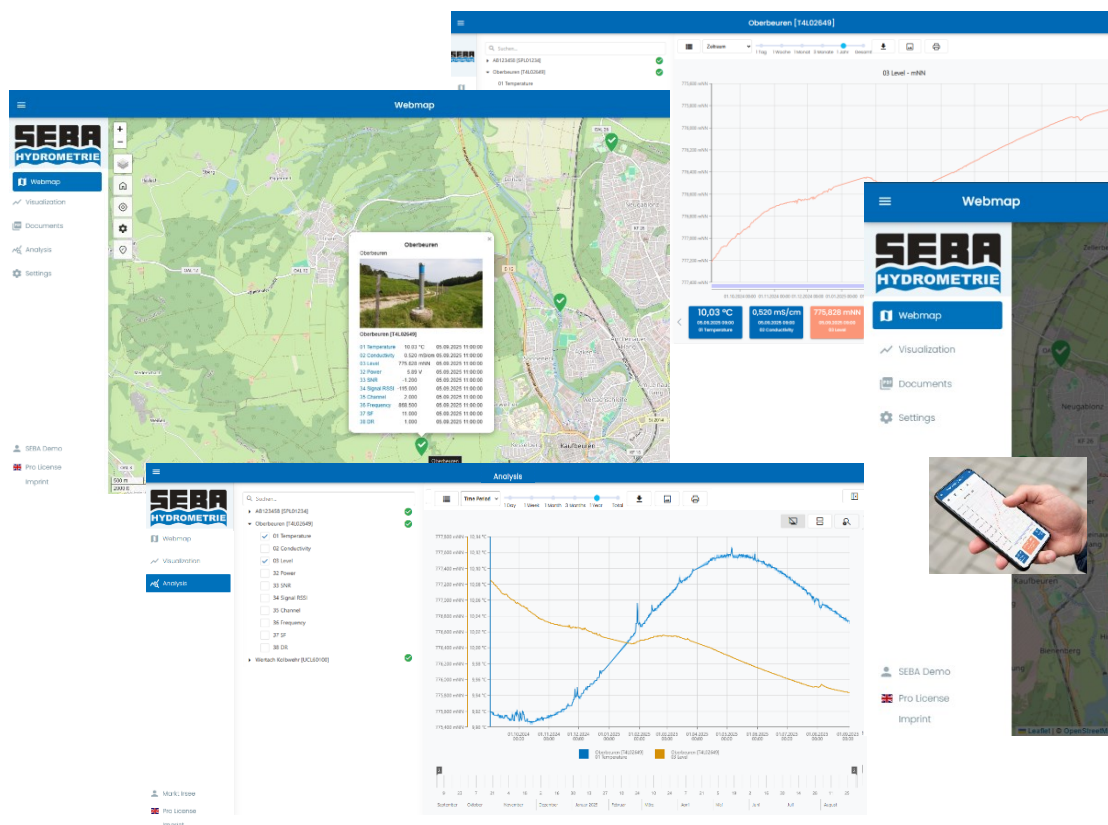




The NEW SEBA Webportal HYDROCENTER 2.0

Enhanced features for fast and secure provision, visualization and analysis of your measurement data



Short overview

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GENERAL INFORMATION



The completely **newly redesigned SEBA Hydrocenter** offers you enhanced features with an even better user experience and even greater security for your measurement data. The design has also been optimised for intuitive and easy operation on your mobile devices. In addition, use as a **web app (PWA) on iOS and Android** is supported.

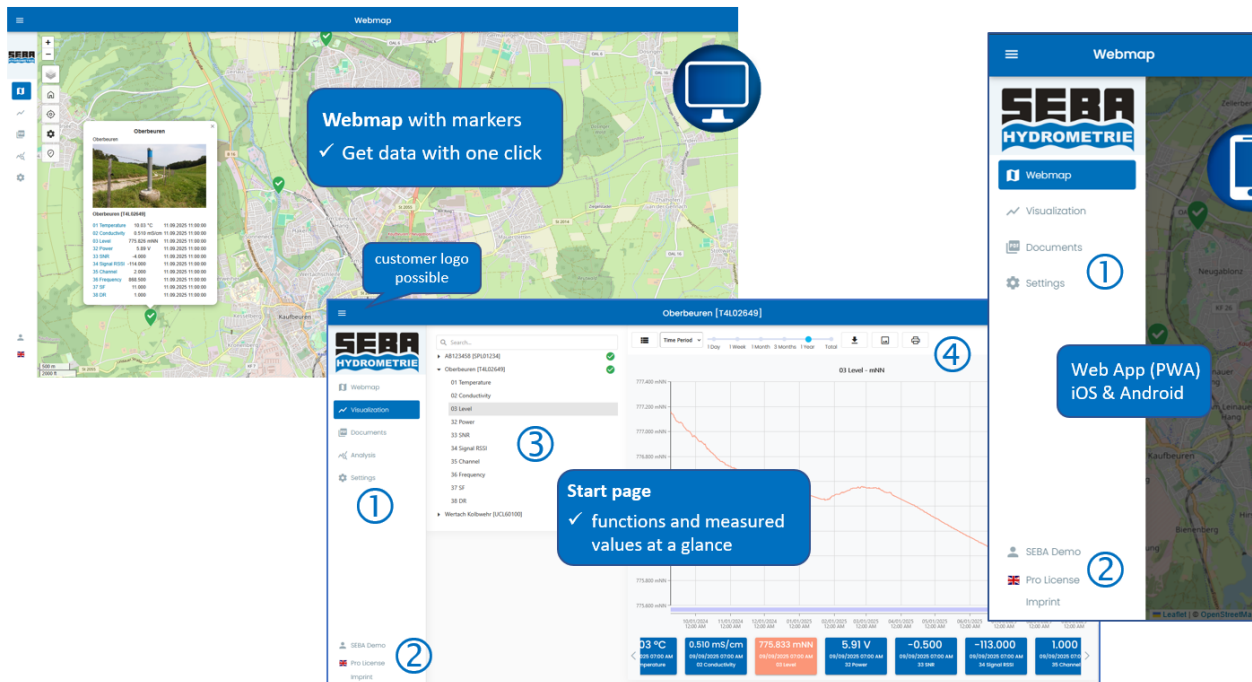
Access is provided by purchasing a **license**. The Hydrocenter is available in two license versions. With the **Basic licence**, you get all the proven basic functions with station explorer, visualization of measured values in individual graphs and table view, and export functions. With the **Pro license**, you get advanced features such as the interactive web map and its configuration, a status traffic light function, multi-graphics and evaluations and up- and download function for additional files (pdf). A feature for public access (available soon) can be added individually and easily with an appropriate **additional license**.

The **SEBA web portal** is available at the new address <https://seba-hydrocenter.com> and is hosted and maintained by SEBA.

An **on-premise** option enables seamless integration of the Hydrocenter into your own infrastructure, including your own user management and comprehensive administration area. For this solution, please contact our sales department at sales@seba.de.

The following pages provide brief descriptions of the most important Hydrocenter functions and applications.

START PAGE



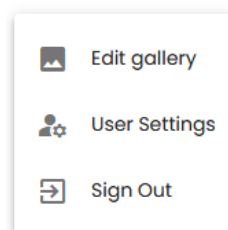
① Main Menu

Selection menu items

- Webmap
- Visualization
- Documents
- Analysis
- Settings

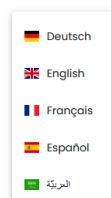
② User management

- Manage photos in your own photo gallery
- User settings with password assignment and display settings
- Logout



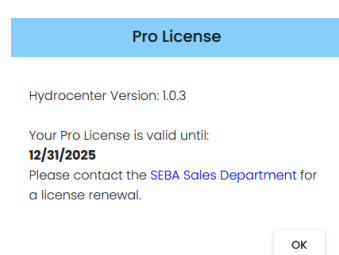
② Language selection

- Click on flag item for language selection



② License information

- License version information
- License validity
- Contact form SEBA sales department



③ List measurement sites

- List of measurement sites / stations (site name)
- Display sensors / parameters
- Pro Version: site information and status indication (marker with traffic light function green, yellow, red)
- Search function for measurement sites
- Tile display of individual measurement parameters with the latest measured values

④ Function bar data view, data download, print option

- Selection display hydrograph or table
- Selection time period (user defined or predefined on timeline)
- Data download (CSV or ZRXP)
- Display site image
- Print option

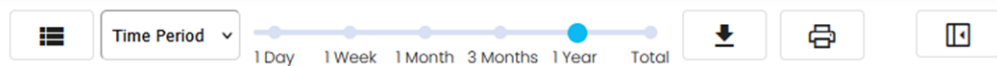
VISUALIZATION (BASIC LICENSE)



- Station list with measuring points and respective measuring parameters
- Pro licence: status indication of the measuring station (marker with traffic light function: green, amber, red)
- Graphical display of measured values / hydrograph (with display of minimum, maximum and average values)
- Selection of hydrograph by clicking on measurement parameters
- Display of value table
- Menu bar for selecting time period and displaying measured values
- Tiles of individual measurement parameters with latest measured values

Data view, data download, print option

Function bar data display & data download



- Selection data display table or graph (hydrograph)



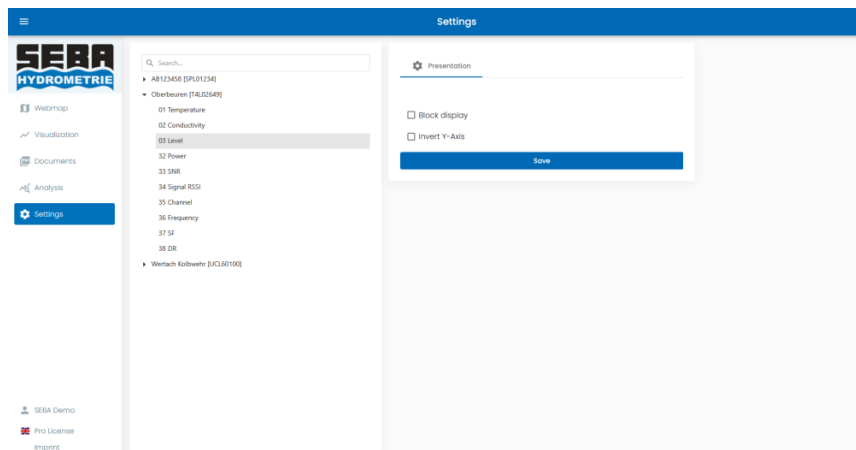
View value table

Oberbeuren [T4L02649]										
Datum Uhrzeit	01 Temperature	02 Conductivity	03 Level	32 Power	33 SNR	34 Signal RSSI	35 Channel	36 Frequency	37 SF	38 DR
11.09.2025 07:00:00	10.03	0.510	775.827	5.89	-5.200	-114.000	2.000	868.500	11.000	1.000
11.09.2025 06:00:00	10.03	0.510	775.827	5.89	-2.500	-116.000	1.000	868.300	11.000	1.000
11.09.2025 05:00:00	10.03	0.510	775.828	5.89	-4.800	-115.000	0.000	868.100	11.000	1.000
11.09.2025 04:00:00	10.03	0.510	775.828	5.89	-4.500	-117.000	1.000	868.300	11.000	1.000
11.09.2025 03:00:00	10.03	0.510	775.828	5.89	-4.000	-115.000	1.000	868.300	11.000	1.000
11.09.2025 02:00:00	10.03	0.510	775.828	5.89	-5.200	-117.000	2.000	868.500	11.000	1.000
11.09.2025 01:00:00	10.03	0.510	775.828	5.89	-2.500	-115.000	0.000	868.100	11.000	1.000
11.09.2025 00:00:00	10.03	0.510	775.829	5.89	-1.000	-116.000	0.000	868.100	11.000	1.000
10.09.2025 23:00:00	10.03	0.510	775.828	5.89	-2.000	-114.000	1.000	868.300	11.000	1.000
10.09.2025 22:00:00	10.03	0.510	775.829	5.89	-1.000	-114.000	0.000	868.100	11.000	1.000
10.09.2025 21:00:00	10.03	0.510	775.829	5.89	-1.800	-115.000	2.000	868.500	11.000	1.000
10.09.2025 20:00:00	10.03	0.510	775.830	5.89	-1.500	-115.000	1.000	868.300	11.000	1.000
10.09.2025 19:00:00	10.03	0.510	775.830	5.89	-0.800	-114.000	1.000	868.300	11.000	1.000
10.09.2025 18:00:00	10.03	0.510	775.830	5.89	-2.000	-115.000	1.000	868.300	11.000	1.000
10.09.2025 17:00:00	10.03	0.510	775.830	5.89	-4.000	-115.000	0.000	868.100	11.000	1.000
10.09.2025 16:00:00	10.03	0.510	775.831	5.89	-5.200	-117.000	0.000	868.100	11.000	1.000
10.09.2025 15:00:00	10.03	0.510	775.831	5.89	-1.500	-115.000	1.000	868.300	11.000	1.000
10.09.2025 14:00:00	10.03	0.510	775.830	5.89	-2.000	-117.000	1.000	868.300	11.000	1.000
10.09.2025 13:00:00	10.03	0.510	775.831	5.89	-2.200	-114.000	1.000	868.300	11.000	1.000
10.09.2025 12:00:00	10.03	0.510	775.831	5.89	-3.800	-117.000	2.000	868.500	11.000	1.000
10.09.2025 11:00:00	10.03	0.510	775.831	5.89	-4.000	-116.000	2.000	868.500	11.000	1.000
10.09.2025 10:00:00	10.03	0.510	775.831	5.89	-3.000	-115.000	1.000	868.300	11.000	1.000

- Selection time period - user-defined
 - Selection time period – preset (blue marker)
 - Data Download (CSV, ZRPX)
 - Display measuring site (e.g. photos)
 - Report, print view
- (Overall view: only hydrograph or split view: hydrograph and measuring points)

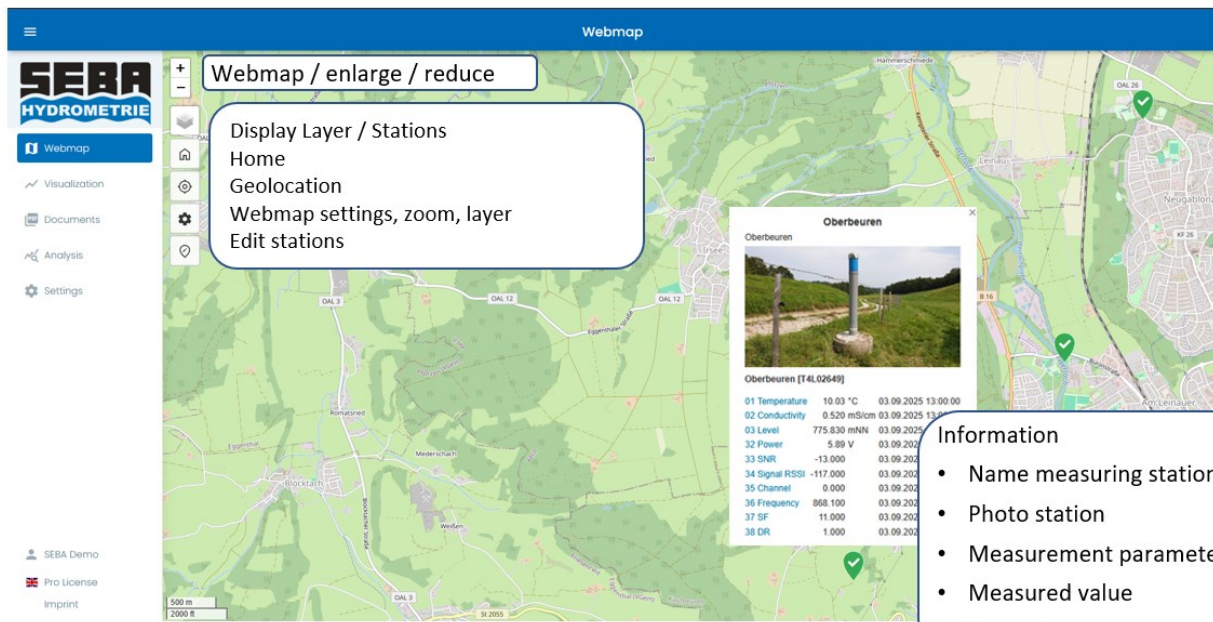
Settings

Settings diagramme type for single measurement parameter



- Selection diagramme type (hydrograph, block diagramm)
- Invert Y-axis option

WEBMAP (PRO LICENSE)



Webmap / enlarge / reduce

Display Layer / Stations
Home
Geolocation
Webmap settings, zoom, layer
Edit stations

Information

- Name measuring station
- Photo station
- Measurement parameters
- Measured value
- Time of measurement

Parameter	Value	Time
01 Temperature	10.03 °C	03.09.2025 13:00:00
02 Conductivity	0.520 mS/cm	03.09.2025 13:00:00
03 Level	775.830 mNN	03.09.2025 13:00:00
32 Power	5.89 V	03.09.2025 13:00:00
33 SNR	-13.000	03.09.2025 13:00:00
34 Signal RSSI	-117.000	03.09.2025 13:00:00
35 Channel	0.000	03.09.2025 13:00:00
36 Frequency	868.100	03.09.2025 13:00:00
37 SF	11.000	03.09.2025 13:00:00
38 DR	1.000	03.09.2025 13:00:00

- Display of measuring site on the web map
- Site information at the click of a mouse on the station marker
- Measuring station status display (marker with traffic light function: green, amber, red)
- Function bar for displaying and editing layers/stations

Webmap Settings

Settings

Edit coordinates, zoom level

Settings **Layer**

Center GPS Coordinate Latitude (Lat)
0

Center GPS Coordinate Longitude (Lng)
0

Standard zoom area

☒ Automatically adjust to stations
☐ Set to current zoom area

Save

Layer

Layer / add site

Settings **Layer**

Available Layers

Station

Create Layer

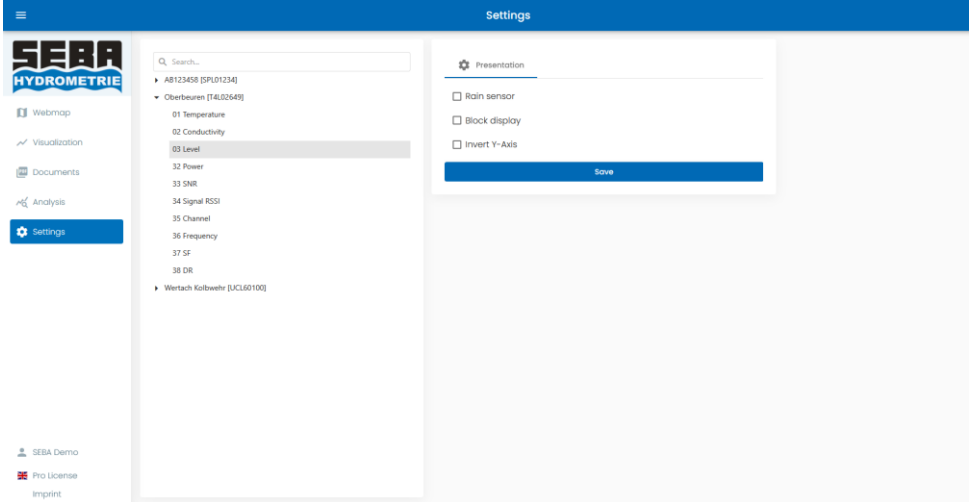
Layer Name

Add

Station Positionen	Site selection Edit Station X 1. Select Station AB123458 [SPL01234] Oberbeuren [T4L02649] Wertach Kolbwehr [UCL60100]	Edit Name, description, GPS coordinates, download station image Presentation Online Title on the webmap Oberbeuren Description Oberbeuren GPS Coordinate Latitude (Lat) 47.87876667 GPS Coordinate Longitude (Lng) 10.590683 Show station on the webmap, in layers Stationen Station picture  Change picture Voltage sensor 32 Power [V] Save
Data view, data download, print option	Function bar data display & data download Time Period 1 Day 1 Week 1 Month 3 Months 1 Year Total Download Print Full Screen - Selection data display table or graph (hydrograph)) hydrograph table - Selection time period - user-defined - Selection time period – preset (blue marker) - Data Download (CSV, ZRPX) - Display measuring site (e.g. photos) - Report, print view (Overall view: only hydrograph or split view: hydrograph and measuring points)	

Settings

Settings diagramme type for single measurement parameter



- Selection diagramme type (hydrograph, block diagramm)
- Invert Y-axis option

ANALYSIS (PRO LICENSE)

MARKT IRSEE

Webmap

Visualisierung

Auswertung

Auswertung

Suchen...

GW-M-100

GW-M-101

1 Grundwasserpegel (Abstich/m u. Ref)

2 Grundwasserpegel (mNN)

3 Elektrische Leitfähigkeit (mS/cm)

4 Grundwassertemperatur (°C)

5 Batteriespannung intern (V)

6 Batteriespannung extern (V)

Meteorologische Station

01 Niederschlag (mm/Std)

02 Niederschlag (mm/Tg)

03 Niederschlag (mm/Wo)

04 Niederschlag (mm/Mo)

05 Niederschlag (mm/Jr)

06 Lufttemperatur (Std)

07 Lufttemperatur (Min Tg)

08 Lufttemperatur (Max Tg)

09 Lufttemperatur (Durchsn.Tg)

10 Batteriespannung (V)

Niederschlag

Niederschlagsintensität

Niederschlagsmenge (Totalsumme)

Quellenmessung

Zeitraum

1 Tag 1 Woche 1 Monat 3 Monate 1 Jahr Gesamt

9,43 °C 33,800 m

9,42 °C 34,000 m

9,42 °C 34,200 m

9,41 °C 34,400 m

9,41 °C 34,600 m

9,40 °C 34,800 m

9,40 °C 35,000 m

9,39 °C 35,200 m

9,39 °C 35,400 m

9,38 °C 35,600 m

9,37 °C 35,800 m

9,37 °C 36,000 m

9,36 °C 36,200 m



- Selected parameter in one graph (multi graph)
- Single display of paramter
- Split display: value table & graph
- Selection time period: user-defined / preset (blue marker) / interactive time slider

- 8 -

Data view, data download, print option

Function bar data display & data download



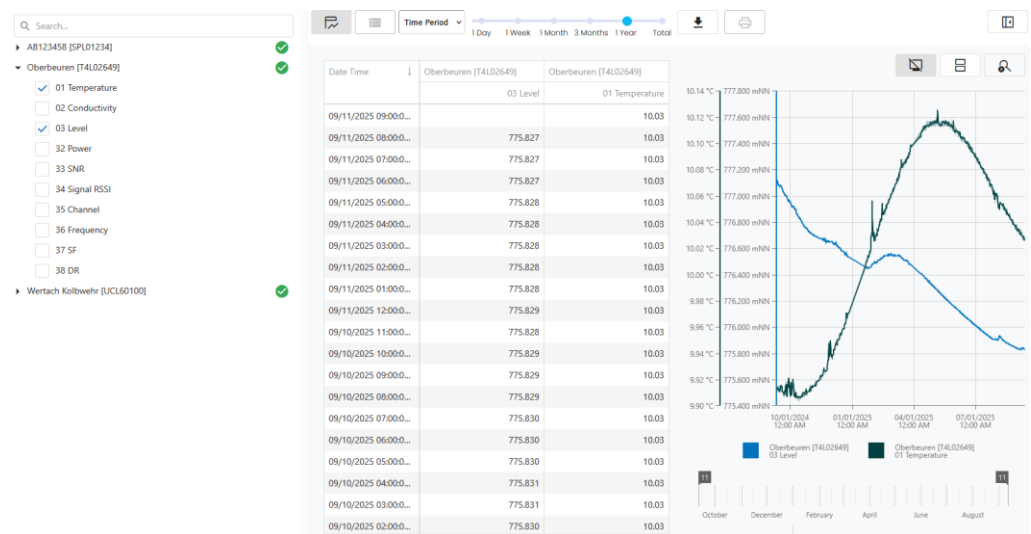
- Selection data display split view (table & graph)
 - Selection time period - user-defined
 - Selection time period - preset (blue marker)
 - Data Download (CSV, ZRPX)
 - Report, print view
- (Overall view: only hydrograph or split view: hydrograph and measuring points)

Split view

Table & Graph



Selection by clicking (function on / off)

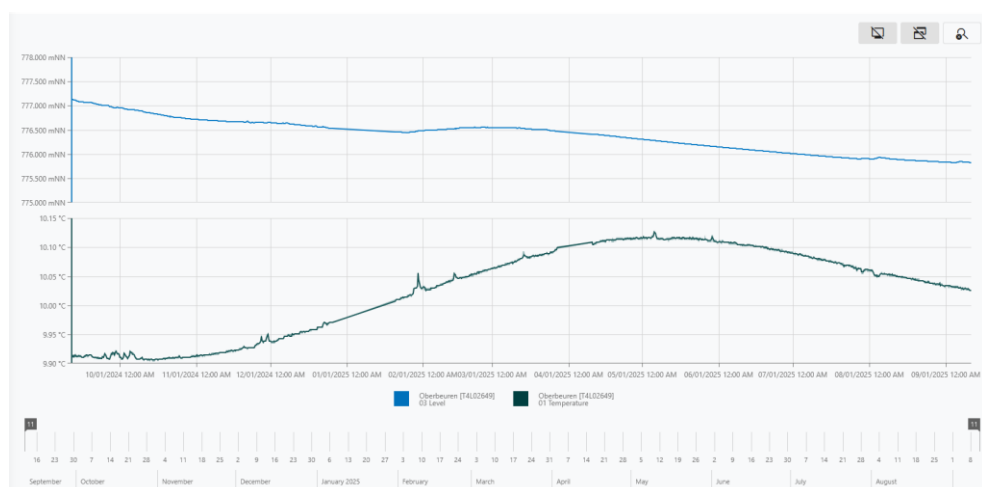


Graph

View data multi graph / single value

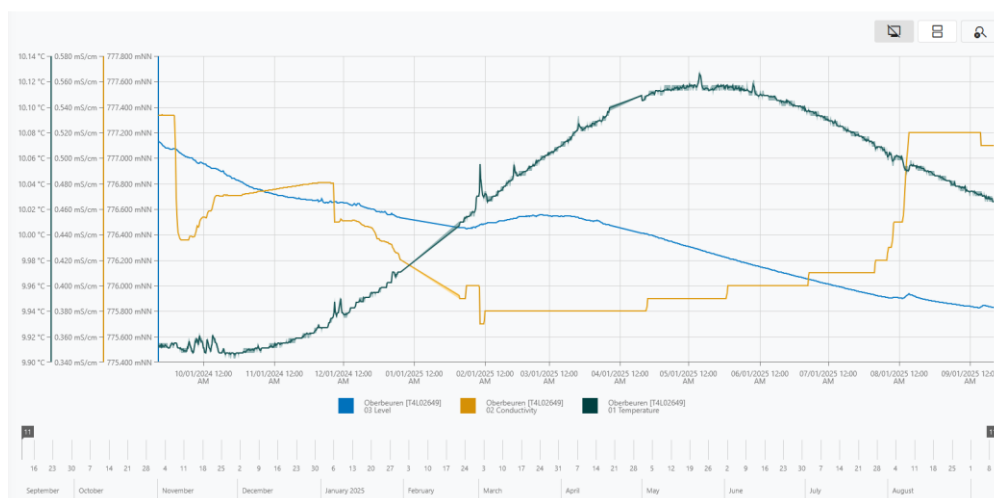


Graph single values



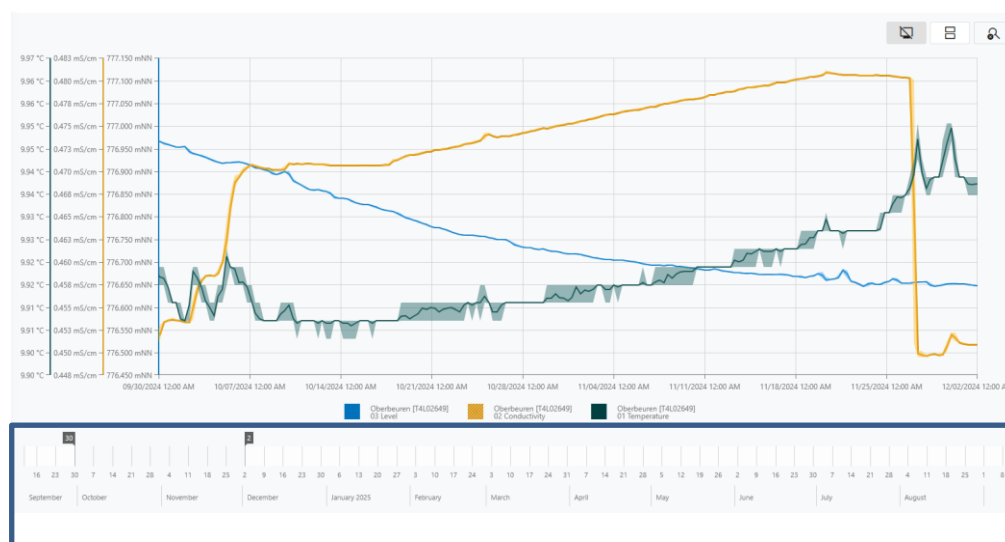


Multi graph



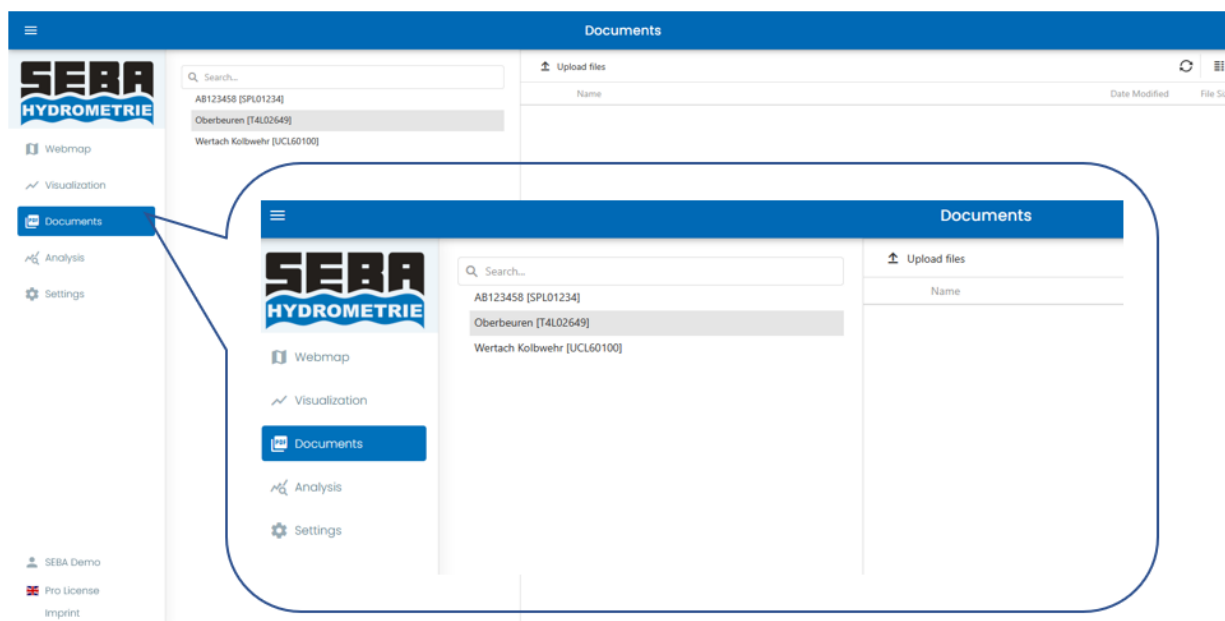
Time slider

Time slider for specific time range



- By clicking and moving the two markers on the time slider, you can quickly narrow down and display your data in a specific time range.

DOCUMENTS (PRO LICENSE)



- Upload of additional PDF-files (e.g. site information)
- Download of PDF-files