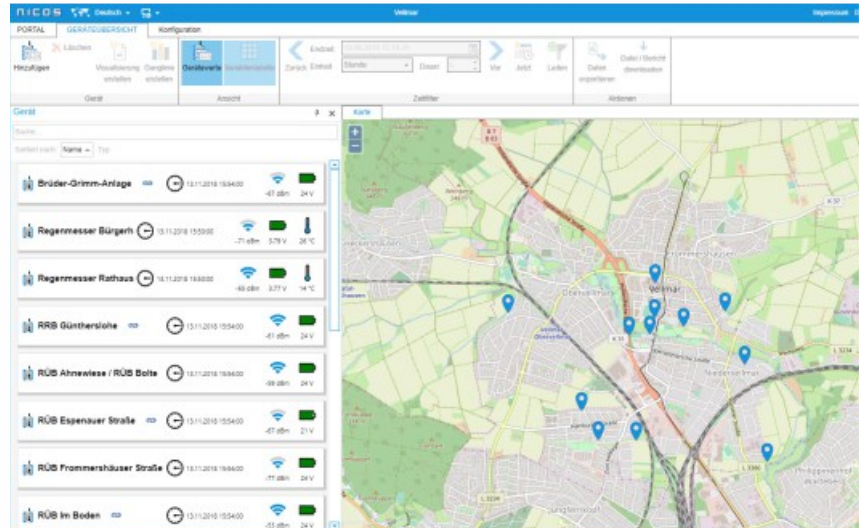


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## NIVUS Web Portal - Measurement Data Available Anywhere





# Measurement Data easy!

## NIVUS Web Portal - Measurement Data available anywhere

The NIVUS Web Portal is a comprehensive data management system for storage and provision of measured data. Thanks to storage on the web portal there are versatile options available to analyse readings, for system verification, data forwarding and alerting up to the creation of complete protocols.

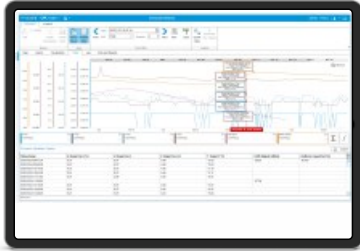
## From Sensor to Portal - all from one Source

NIVUS provides a consistent solution from energy-optimised sensor systems through transmission and provision of data in the portal up to complete protocols and evaluations. Determined measurement data are transmitted to the NIVUS Web Portal either via cable or mobile communication.

The energy-efficient sensors and telecontrol systems, the reliable and stable transmission of readings as well as the sturdily constructed data loggers enable to establish an almost maintenance-free and cost-optimised measurement data network.

## The Measurement Data Portal

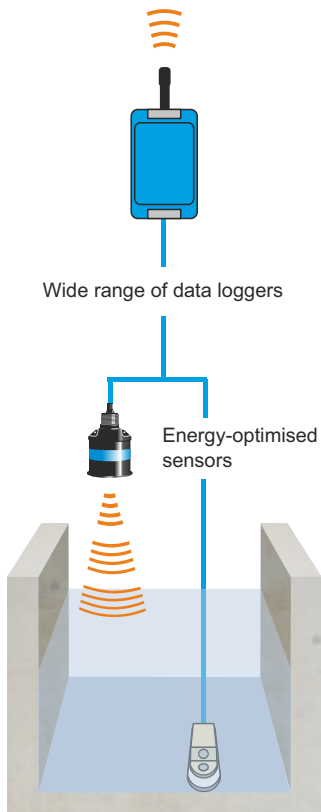
NIVUS Web Portal for efficient management of measurement data, measurement places and equipment



Measured data available according to current IT security standards



Optimum data transmission with multiroaming-SIM-card at a fixed price



- Easy access to measured data at any time
- The most relevant system parameters at a glance
- Alerting
- Automated creation of customer-specific protocols
- Predictive maintenance for your measurement places
- No software installation required

Data can be stored either on a customer server, on a dedicated server or in the NIVUS Cloud. Depending on application requirements there are different modules available in the web portal. Moreover, the NIVUS Web Portal is available as rental or purchase option as well.

### Application Examples

- Level, pressure or flow measurement in water supply
- Level measurement of water reservoirs
- Level and flow measurement in irrigation systems
- Monitoring of wastewater channel networks
- Monitoring of waste water treatment plants
- Flood warning

### NIVUS SIM data tariffs for telecontrol devices

Using the NIVUS Data Tariff, expenses can be easily managed and controlled. Additional roaming charges are not necessary.

### Your Benefits:

- **Automatic login with the most powerful service network (transnational)**
  - Highest possible accessibility and data availability
  - Automatic service network changeover in case of service failure
  - Provider-independent in case of changing the location

## Data Transmission to Your Web Portal

We provide a wide range of IoT gateways and GPRS/UMTS data loggers to cover your individual needs. These units can be operated using either an international NIVUS SIM or another SIM module. The internal measurement data memories ensure maximum data reliability even in case of power failure.

### NivuLink Micro



#### Self-sufficient IoT Gateway

- Robust and compact IP 68 enclosure
- 4 universal inputs
- TLS encryption
- Very long rechargeable battery life

### NivuLink Control Compact



#### IoT Gateway

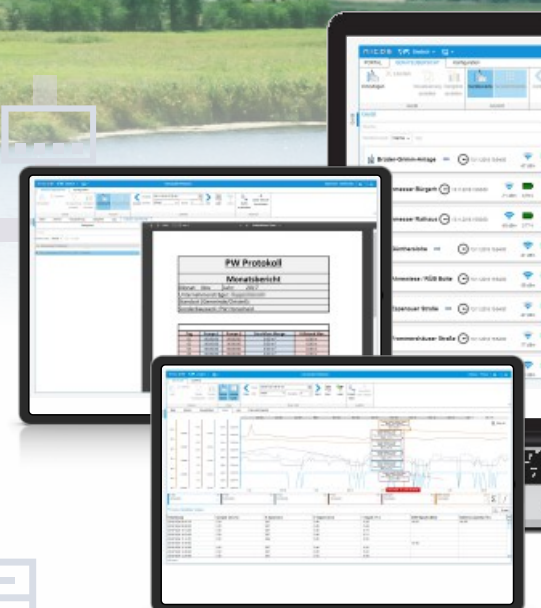
- Connection to fix installation measurement with NivuFlow devices
- Transmission via LAN or GPRS/UMTS
- TLS encryption

### NivuLevel Mobile



#### Self-sufficient GPRS/UMTS Data logger for Ex areas

- For NIVUS level measurements and other 2-wire sensoren
- Easy battery replacement by user
- IP68 flood-proof
- Robust enclosure
- Quick commissioning with start assistant



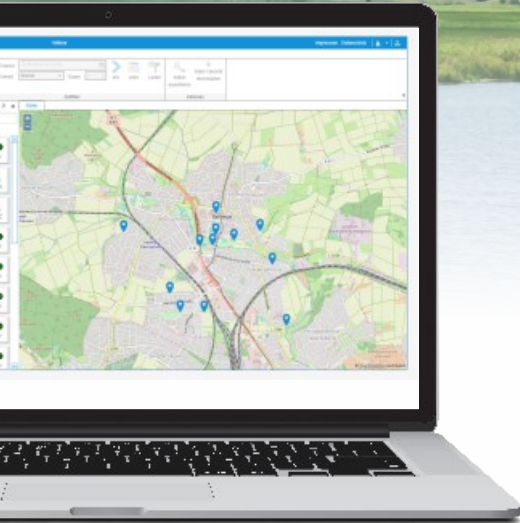
## NivuFlow Mobile



### Flow meter with GPRS/UMTS transmission

- Flow measurement for clean water and wastewater even in Ex areas
- Easy battery replacement by user
- IP68 flood-proof
- Robust enclosure
- Quick commissioning with start assistant

## Level Data Collector / Flood Warning



### Compact GPRS data logger for level measurements

- Extremely robust stainless steel enclosure, IP68 protection
- Data transmission via GPRS/UMTS
- Connection terminals for 2-wire systems (pressure probes)
- Suitable for all standard level tops

## NivuLog Easy Sun



### Self-sufficient GPRS data logger in solar panel enclosure

- 4 inputs for direct connection of sensors
- Extremely robust enclosure, compact construction
- Solar panel protected by armoured glass
- Built-in buffer battery
- Self-sufficient and maintenance-free

## The NIVUS Web Portal Modules

Our measurement data web portal has a modular structure. This permits to scale your data handling individually.

### Module Devices/Map



- Indication of all devices on a map
- Device information (field strength, battery voltage, temperature, ...)
- Direct entry to visualisation images, charts, reports
- Quick overview in compact form

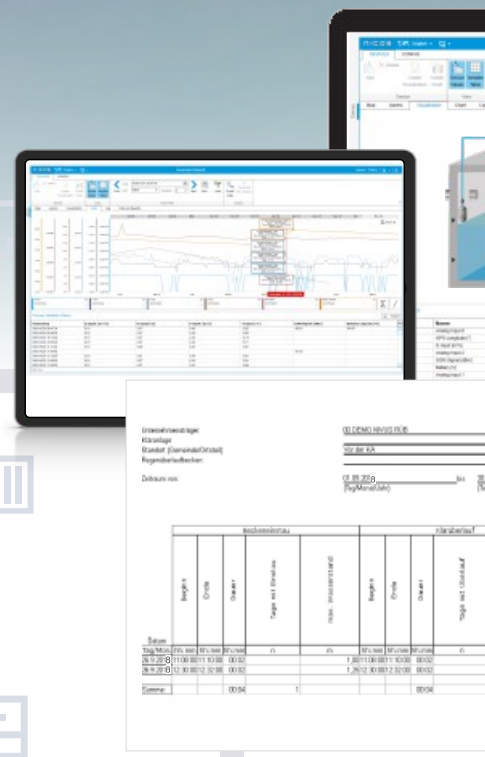
### Module Alarms

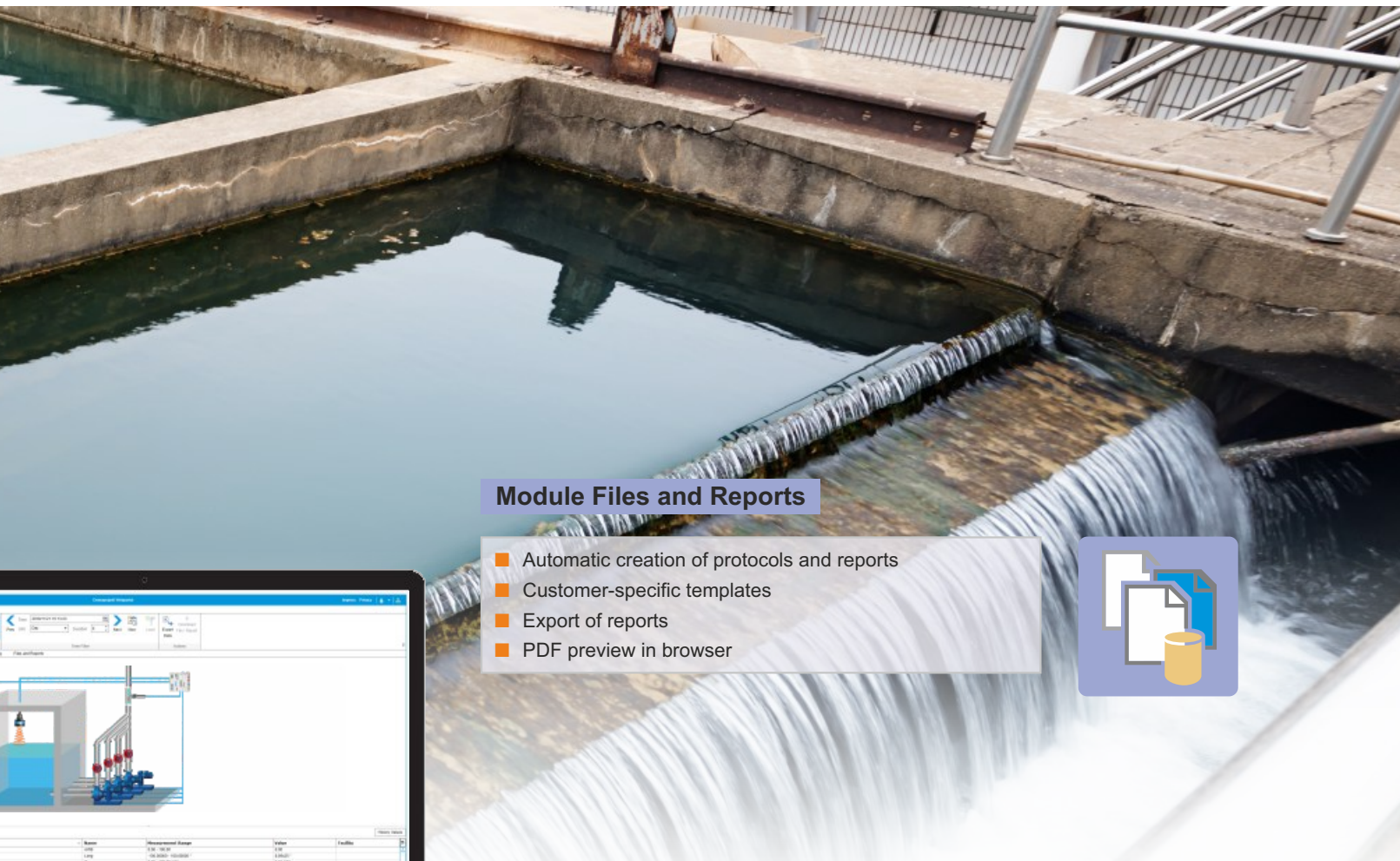


- Archiving of operation and error messages
- Indication of messages with extensive filter criteria
- Evaluation according to duration and frequency
- Alarm forwarding via E-Mail

### Module Visualisation

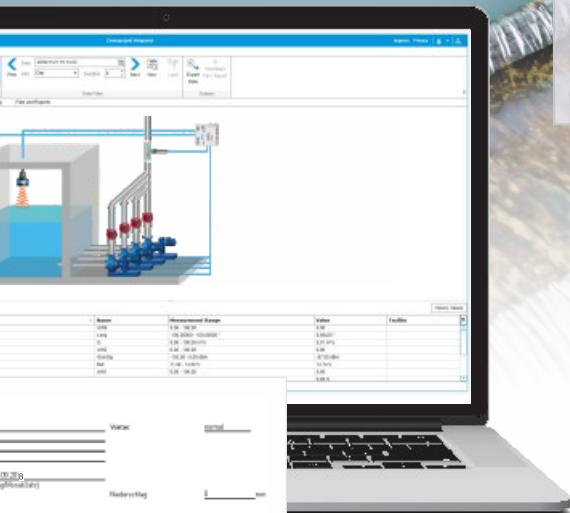
- Quick and easy representation of individual and animated process images
- Overview on all process data as tables





### Module Files and Reports

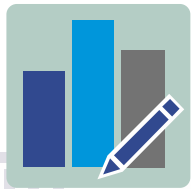
- Automatic creation of protocols and reports
- Customer-specific templates
- Export of reports
- PDF preview in browser



Wert:		Einheit:		
0.000	g/l (mg/l)			
Haberstag				
Nachschublauf				
Ertragsmenge	Beginn	Ende	Dauer	Ertragsmenge
60.0	11.00.00	11.00.00	0	60.0
6.000	11.00.00	11.00.00	0	6.000
200.000	11.00.00	11.00.00	0	200.000
300.000	11.00.00	11.00.00	0	300.000

### Module Hydrograph

- Creation of user-defined charts with high time resolution
- Extensive import and export options



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