

## IoT web portal for centralized measurement data management

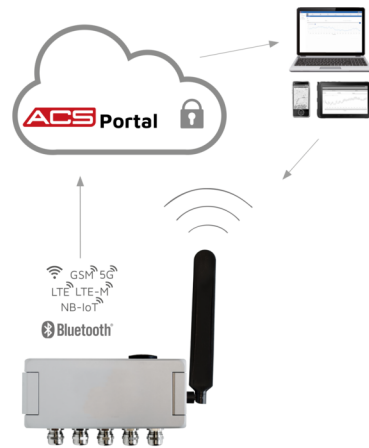
# Web-Portal

## Introduction

Measurement data from remote sites becomes more useful when it is visible in one place. This IoT web portal centralizes measuring points and supports data access from autonomous DLF4 and HLF4 data loggers, including installations in remote locations.

Measured values are automatically transferred to the portal and temporarily stored on secured server infrastructure in Germany until retrieval. Encrypted data transmission and C5-certified infrastructure support secure operation, giving users a reliable basis for monitoring distributed measuring points.

Alarm management helps teams react earlier to changes on site. Escalation levels and notifications via Web-Portal Alert App, SMS or email support fast response, while diagrams can be embedded into a website, intranet or dedicated platform for easy access to current measurement data.



### Central data access

Manage measuring points in one web portal, including DLF4 and HLF4 data loggers.



### Remote monitoring

Autonomous loggers support measured values from remote locations.



### Secure transfer

Data is transmitted encrypted and stored on secured servers in Germany.



### Alarm response

Escalation levels notify users via app, SMS or email.



### Easy sharing

Diagrams can be embedded into websites, intranets or dedicated platforms.



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[www.senseca.com/en/product/web-portal-iot-web-portal-for-centralized-measurement-data-management](http://www.senseca.com/en/product/web-portal-iot-web-portal-for-centralized-measurement-data-management)

## Available product variants

| Ordercode         | Description                                                                                                                                                                                                                      | Article No.   |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Web-Portal</b> | <b>Web-Portal</b> - IoT web portal for centralized measurement data management, with remote DLF4 and HLF4 data logger integration, secure server storage in Germany, encrypted transfer and alarm options via app, SMS or email. | <b>490581</b> |

## Features

### Measuring point management

The portal provides centralized management for measurement points and supports access to data from connected autonomous data loggers.

### Logger integration

The system is described in connection with DLF4 and HLF4 data loggers for remote measurement and data acquisition.

### Data storage

Measurement data is temporarily stored on secured server infrastructure in Germany until it is retrieved.

### Alarm management

The portal supports alarm handling with escalation levels and notifications via ACS Portal Alert App, SMS or email.

### Data visualization

Measurement diagrams can be embedded into websites, intranets or specially created platforms.

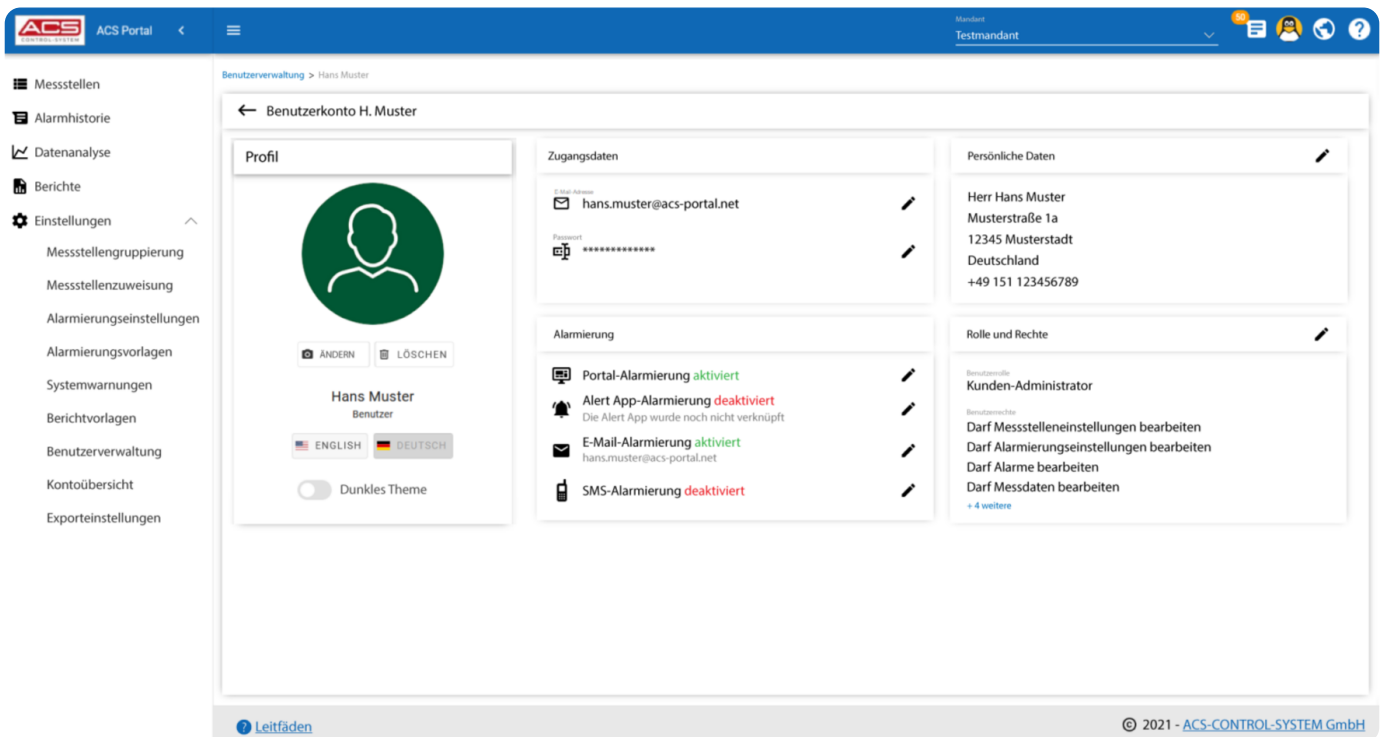
### Security concept

The source describes encrypted data transmission and storage on infrastructure with C5 certification.

## Details

[Link to Web-Portal-Login](#)

## Inside view

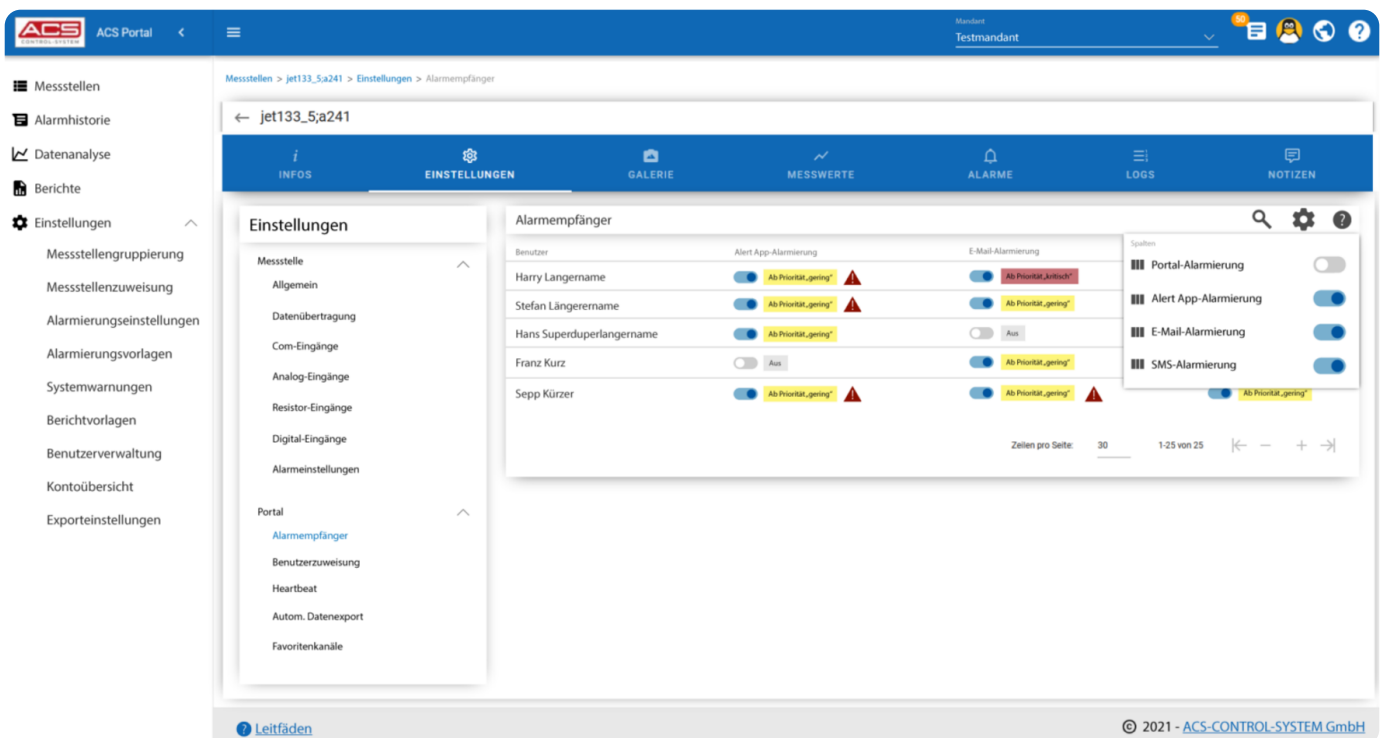


The screenshot shows the 'Benutzerkonto H. Muster' (User Account H. Muster) page in the ACS Portal. The interface is divided into several sections:

- Profil:** Displays a user profile card for 'Hans Muster' with a green circular avatar, 'Benutzer' role, and language options (English, Deutsch). It also includes a 'Dunkles Theme' toggle.
- Zugangsdaten:** Shows login credentials: Email (hans.muster@acs-portal.net) and Password (masked with asterisks).
- Alarmierung:** Lists notification settings:
  - Portal-Alarmierung: **aktiviert**
  - Alert App-Alarmierung: **deaktiviert** (Note: Die Alert App wurde noch nicht verknüpft)
  - E-Mail-Alarmierung: **aktiviert**
  - SMS-Alarmierung: **deaktiviert**
- Persönliche Daten:** Contains personal information: Herr Hans Muster, Musterstraße 1a, 12345 Musterstadt, Deutschland, +49 151 123456789.
- Rolle und Rechte:** Shows the role 'Kunden-Administrator' and a list of permissions:
  - Darf Messstelleneinstellungen bearbeiten
  - Darf Alarmierungseinstellungen bearbeiten
  - Darf Alarme bearbeiten
  - Darf Messdaten bearbeiten

The left sidebar contains navigation links: Messstellen, Alarmhistorie, Datenanalyse, Berichte, Einstellungen (expanded), Messstellengruppierung, Messstellenzuweisung, Alarmierungseinstellungen, Alarmierungsvorlagen, Systemwarnungen, Berichtsvorlagen, Benutzerverwaltung, Kontoübersicht, and Exporteinstellungen.

### Profile settings



The screenshot shows the 'Alarmempfänger' (Alarm Receiver) configuration page in the ACS Portal. The interface includes a top navigation bar with tabs: INFOS, EINSTELLUNGEN (selected), GALERIE, MESSWERTE, ALARME, LOGS, and NOTIZEN.

The main content area is titled 'Alarmempfänger' and contains a table of configured receivers:

| Benutzer                  | Alert App-Alarmierung                                     | E-Mail Alarmierung                                          |
|---------------------------|-----------------------------------------------------------|-------------------------------------------------------------|
| Harry Langername          | <input checked="" type="checkbox"/> Ab Priorität „gering“ | <input checked="" type="checkbox"/> Ab Priorität „kritisch“ |
| Stefan Längername         | <input checked="" type="checkbox"/> Ab Priorität „gering“ | <input checked="" type="checkbox"/> Ab Priorität „gering“   |
| Hans Superduperlangername | <input checked="" type="checkbox"/> Ab Priorität „gering“ | <input type="checkbox"/> Aus                                |
| Franz Kurz                | <input type="checkbox"/> Aus                              | <input checked="" type="checkbox"/> Ab Priorität „gering“   |
| Sepp Kürzer               | <input checked="" type="checkbox"/> Ab Priorität „gering“ | <input checked="" type="checkbox"/> Ab Priorität „gering“   |

On the right side, there is a 'Spalten' (Columns) panel with a search icon and a settings gear. It contains a list of notification methods with toggle switches:

- Portal-Alarmierung: ☐
- Alert App-Alarmierung: ☒
- E-Mail-Alarmierung: ☒
- SMS-Alarmierung: ☒

The left sidebar is identical to the previous screenshot, with 'Einstellungen' expanded.

### Alarm receiver

ACS Portal

Messstellen

Alarmhistorie

Datenanalyse

Berichte

Einstellungen

Messstellengruppierung

Messstellenzuweisung

Alarmierungseinstellungen

Alarmierungsvorlagen

Systemwarnungen

Berichtvorlagen

Benutzerverwaltung

Kontoübersicht

Exporteinstellungen

Benutzer

Wichtiger Benutzer

Alarmierungseinstellungen

Messstelle

Alert App-Alarmierung

E-Mail-Alarmierung

SMS-Alarmierung

|                             |                                                                                                                                        |                                                        |                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| Test Device 1               | <input checked="" type="checkbox"/> Ab Prior. gering  | <input checked="" type="checkbox"/> Ab Prior. kritisch | <input checked="" type="checkbox"/> Ab Prior. gering |
| Test Device 2               | <input checked="" type="checkbox"/> Ab Prior. gering  | <input checked="" type="checkbox"/> Ab Prior. gering   | <input checked="" type="checkbox"/> Ab Prior. gering |
| Test Device 3               | <input checked="" type="checkbox"/> Ab Prior. gering  | <input checked="" type="checkbox"/> Ab Prior. gering   | <input type="checkbox"/> Aus                         |
| Testgerät Portal-Entwickler | <input checked="" type="checkbox"/> Ab Prior. gering  | <input type="checkbox"/> Aus                           | <input checked="" type="checkbox"/> Ab Prior. gering |

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Leitfaden

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Alarm settings