SIGMATEK

REMOTE ACCESS
CLOUD-BASED

EN

CLOUD PLATFORM WITH VPN CONNECTION

SECURE REMOTE ACCESS

Remote access options increase your machine's availability. With the SIGMATEK "Remote Access Platform" (RAP), you're provided with a modern web-based cloud platform for secure remote access options.

With the safe "Remote Access Platform" (RAP), you operate the machine or system visualization over a VNC or web view – as if you were directly onsite.

SECURE OVER VPN

Over a secure VPN connection, actions such as monitoring, debugging, maintenance as well as alarms, reporting or updates can be performed in the central cloud platform – at any time, regardless of location. You get deep data insights for improving your services.

The connection to the RAP can be made via the "Remote Access Router" (RAR) and with the operating system expansion "Remote Access Embedded" (RAE), which can be run on any SIGMATEK CPU.

INTUITIVE AND FLEXIBLE

The user interfaces are directly managed via the browser. Operating is highly intuitive and simple. You have options for personalization and can configure user-defined views for individual machines or customers. In the clearly organized user interface, the Admin, Portal, Fleet manager and Studio sectors are provided.

In the Portal, all threads come together. Here, you will find the overview of all machines – in lists or a card view – where the connection is made via VPN and data reports are accessed. Devices and machines are added and configured in the Fleet manager.

READY-TO-USE
With the USB stick included with delivery, the RA-router (RAR) can be easily connected to the Remote Access Platform (RAP) and configured.

In the Studio, machine views (machine cards), as well as dashboards are configured.

Comprehensive management of user roles and access rights, with two-factor authentication capability, ensure that each operator – customer, partner of service team – can be assigned specific rights.

BIG DATA IN THE CLOUD

With "Cloud Logging", you can call machine data from the PLC automatically, send it safely to the cloud and access it via dashboards. E-mail notifications of important events in your applications can be set up via "Cloud Notify".

MOBILE WITH CONNECT APP

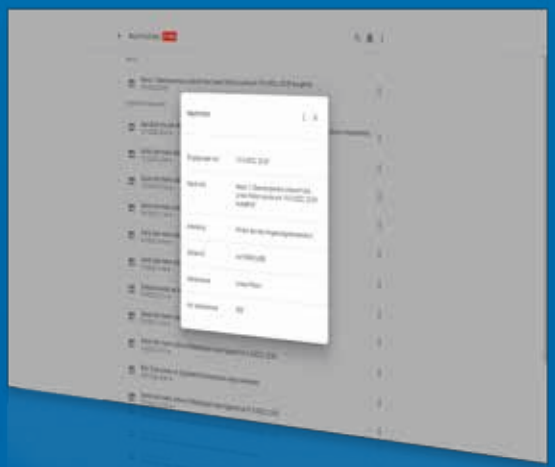
SIGMATEK Connect is your mobile entrance to the Remote Access Platform. Using the app, the entire remote machine service management process is even more simple. SIGMATEK Connect enables safe and easy remote access to your machines and systems – from any mobile end device.

ALWAYS IN VIEW
With the SIGMATEK Connect app, you can comfortably monitor and service your machines and systems from anywhere via smartphone or tablet.

CLOUD LOGGING

Gain deep insights into your machine – automatically retrieve data and store it in the cloud:

- Easily configure and manage data tags
- Data connection via OPC UA and Modbus TCP
- Track machine data in real time on clearly organized dashboards
- Display of recorded data on individual machine pages
- Comfortably create and evaluate data reports with ready-to-use templates and widgets



CLOUD NOTIFY

Receive e-mail or push notifications with real-time updates on important machine warnings, alarms or events:

- Data connection via OPC UA and Modbus TCP
- The central alarm system is managed on the platform
- Define an unlimited number of triggers
- Manage the alarm messages of all machines

TECHNICAL DATA

REMOTE ACCESS ROUTER „RAR“

VARIANT	ETHERNET ONLY	SIM 4G	WI-FI / WI-FI + 4G	
Type	**RAR 2400** global	**RAR 2405** 4G global	**RAR 2410** Wi-Fi global	**RAR 2415** Wi-Fi + 4G global
Appropriate antennas	–	RAR 2201 | 2202 | 2203 | 2205 | 2206	RAR 2210 | 2211	RAR 2201| 2202| 2203| 2205| 2206| 2210| 2211
Interfaces	5x GbE (4x LAN, 1x WAN), 1x USB 2.0			
Local storage	8 GB Flash			
Power supply	12-24 V DC (not included in delivery - RAR 2204)			
Specials	inclusive RAP usage			
Dimensions	28 x 111 x 95 mm (W x H x D)			
Article number	**01-692-2400**	**01-692-2405**	**01-692-2410**	**01-692-2415**

SIM cards: SIM cards for the 4G models can be purchased through a telecom provider.

ANTENNAS AND ACCESSORIES

RAR 2201	LTE antenna, 4G/3G/2G, rotatable Art.-Nr. **01-692-2201**	**RAR 2202**	Penta-band antenna, 3G, magnetic mount Art.-Nr. **01-692-2202**
RAR 2203	Penta-band antenna, 3G, screw mount Art.-Nr. **01-692-2203**	**RAR 2204**	Power supply for RA router, 12-24 V DC Art.-Nr. **01-692-2204**
RAR 2205	Wide-band LTE antenna, 4G/3G/2G - USA Art.-Nr. **01-692-2205**	**RAR 2206**	Wide-band LTE antenna, 4G - USA, magnetic mount Art.-Nr. **01-692-2206**
RAR 2210	WIFI antenna, monopole, Art.-Nr. **01-692-2210**	**RAR 2211**	WIFI antenna, screw mount, Art.-Nr. **01-692-2211**

REMOTE ACCESS EMBEDDED „RAE“

RAE 100*	operating system extension for Salamander platforms, inclusive RAP usage	Art.-Nr. **02-692-100**

* currently not in combination with CP 102, CP 731 and CP 733

CLOUD LOGGING „RAS“

Cloud Logging Data storage 7 years	**RAS 101** up to 1,000 data points / h	**RAS 201** up to 5,000 data points / h	**RAS 301** up to 20,000 data points / h
Article number	**02-692-101-1** (License 1 year) **02-692-101-2** (License 2 years) **02-692-101-3** (License 3 years) **02-692-101-5** (License 5 years)	**02-692-201-1** (License 1 year) **02-692-201-2** (License 2 years) **02-692-201-3** (License 3 years) **02-692-201-5** (License 5 years)	**02-692-301-1** (License 1 year) **02-692-301-2** (License 2 years) **02-692-301-3** (License 3 years) **02-692-301-5** (License 5 years)

CLOUD NOTIFY „RAS“

Cloud Notify	unlimited notifications to any number of users	**RAS 503:** Art.-Nr. **02-692-503**

8100000024-E | Copyright © 11/2022 by SIGMATEK GmbH & Co KG | All specifications are subject to change without notice.