

BROWSER-BASED OVER VPN

# REMOTE ACCESS



# SECURE REMOTE ACCESS

## CLOUD PLATFORM WITH VPN CONNECTION

The SIGMATEK “Remote Access Platform” (RAP) provides you with a modern, web-based cloud platform for secure remote access.

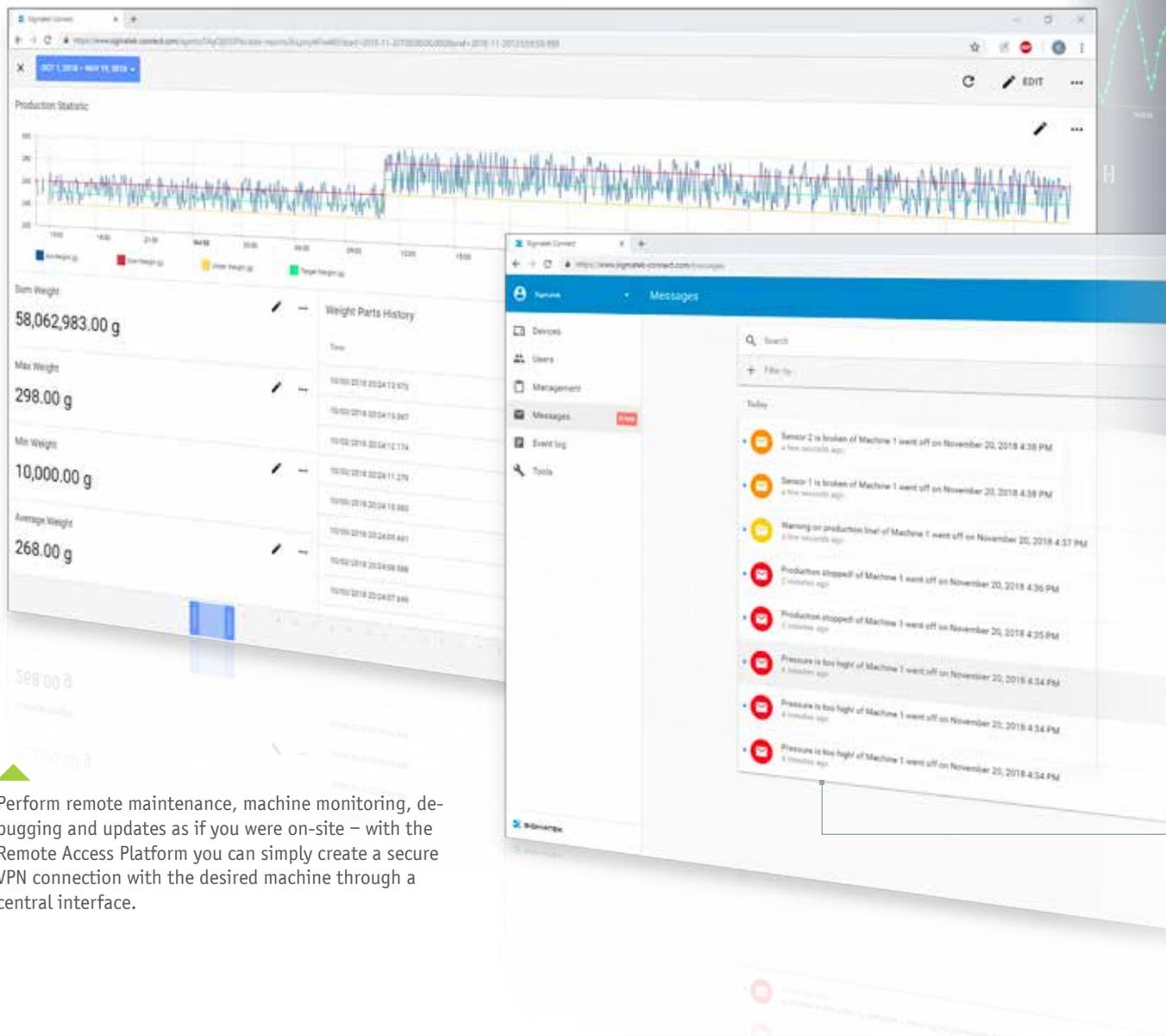
The machine or system visualization can be operated over VNC as if you were directly on-site. Updates, debugging, maintenance as well as alarm configuration, monitoring and reporting can be performed over a secure VPN connection in the central cloud

platform. The connection to the RAP can be made using the “Remote Access Router” (RAR) or the operating system extension “Remote Access Embedded” (RAE).

Big data in the cloud: “Cloud Logging” allows you to automatically retrieve machine data from the PLC, securely send it to the cloud and access it via dashboards. E-mail notifications of important events in your application can be set up via “Cloud Notify”.



Quickly ready-to-use: With the USB stick included with delivery, the RA router can be quickly connected to the remote access platform and configured.



Perform remote maintenance, machine monitoring, debugging and updates as if you were on-site – with the Remote Access Platform you can simply create a secure VPN connection with the desired machine through a central interface.

## EFFICIENT REMOTE MAINTENANCE

Monitoring and maintaining machines - at any time and from any location

## DIRECT ACCESS OVER VPN

Secure connection to machines via a central platform

## BROWSER-BASED CLOUD PLATFORM

Manage user interfaces directly via the browser and access control elements

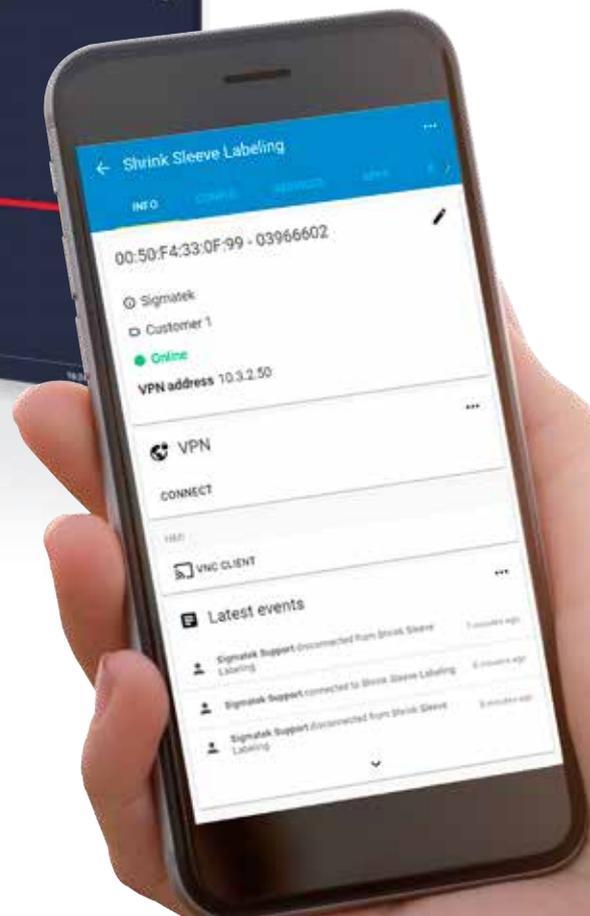
### CLOUD LOGGING

Get deep insights into your machines - automatically retrieve data and send it to the cloud:

- Easily configure and manage data tags
- Track machine data in real time on easy-to-read dashboards
- Create and evaluate data reports conveniently with ready-to-use templates and widgets



Always and everywhere in view:  
With the Remote Access App, you can comfortably monitor and maintain your machines and systems via smartphone or tablet.



### CLOUD NOTIFY

Receive email or push notifications about important events of your machine:

- Central alarm system managed on platform
- Define unlimited amount of triggers
- Managing alarm messages of all machines



## REMOTE ACCESS ROUTER „RAR“

Variant	Ethernet only	SIM 4G	Wi-Fi / Wi-Fi + 4G LTE	
Type	RAR 2400 global	RAR 2405 4G global	RAR 2410 Wi-Fi global	RAR 2415 Wi-Fi + 4G LTE 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	RAR 2410: 01-692-2410	RAR 2415: 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
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## CLOUD LOGGING „RAS“

Cloud Logging	up to 1,000 data points /h	up to 5,000 data points /h	up to 20,000 data points /h
Data storage 7 years	RAS 101: Art.-Nr. 02-692-101	RAS 201: Art.-Nr. 02-692-201	RAS 301: Art.-Nr. 02-692-301

## CLOUD NOTIFY „RAS“

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