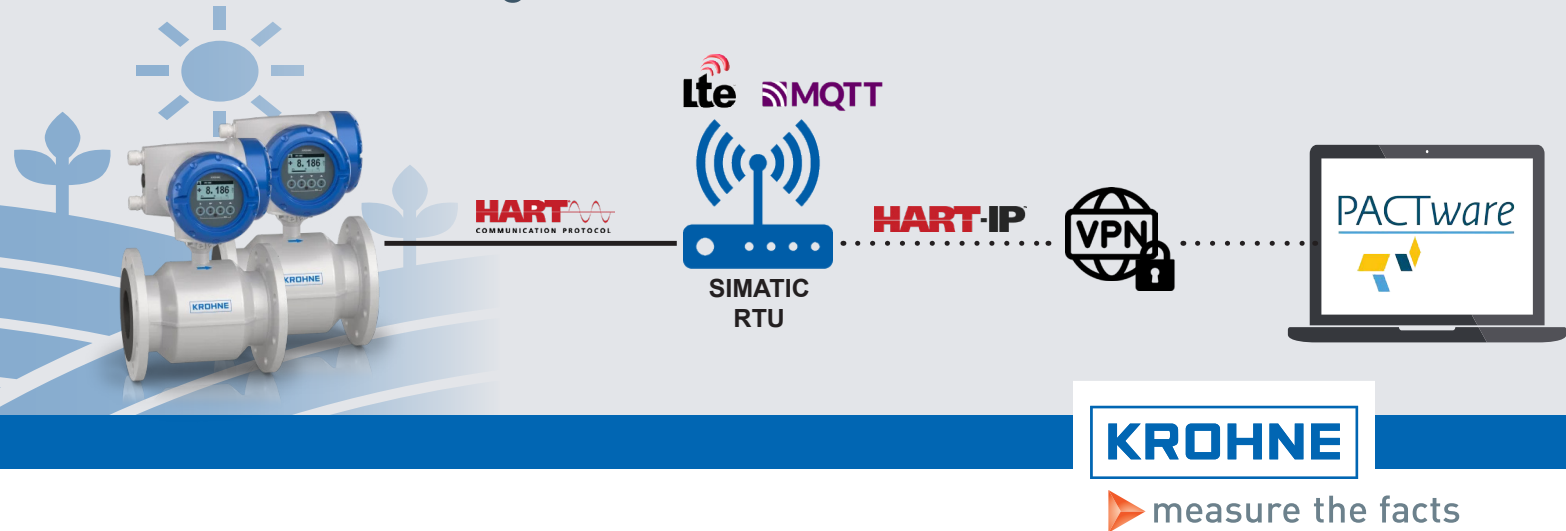




PIA-Link

Remote management of field devices



NEW: 'PIA[®]-LINK'

Remote commissioning and verification of HART - transmitters

- A **remote solution** based on industrial standards (e.g. HART, HART-IP, FDT and in future FDI).
- Based on PACTware V6.1 and OPTICHECK DTM with no impact to your automation solution.
- Multi-layer security based on a professional and industrial VPN-Manager.
- Hosted on a robust server infrastructure in a secure European facility, certified with the highest security standards (ISO 27001).

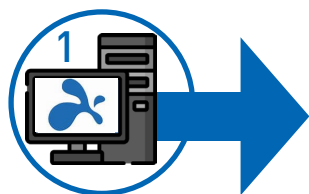


Benefits

- Fast and instant support, no traveling needed.
- Network is secured digitally and mechanically (only customer can establish connection to remote location and unlock connection with a physical key).
- Reduced operational costs through reduced travel requirements.
- Reduced carbon footprint.
- Increased security and compliance.

'PIA®-LINK' How it works

Remote data transfer to a centralized server via HART-IP tunnelled in 4G over Internet.

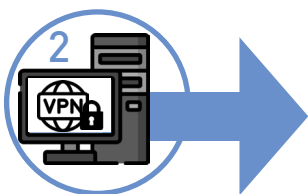


Teaming with Splashtop

Establish a remote connection between stakeholders to get the task done.

Working on a central secure server.

Everybody can live follow all actions taken via Splashtop.



Establish a secure connection to remote

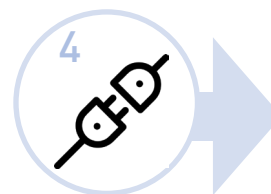
Via SINEMA RC VPN Manager.

End-user needs to give permission to connect.



Log into PACTware

Different stakeholders will remotely use PACTware on the central secure server and perform e.g. Level 1 services.



Disconnection

Once the service is executed the VPN connection is closed and all users are leaving the Splashtop session.

Typical applications

- Meters that need regular maintenance.
- Hard-to-reach locations such as offshore platforms.
- Industries with high safety requirements, such as chemical plants.
- Monitoring of tank farms and/or silos....
- Mandatory verifications (quality checks, Code of Good Practice, ISO-related checks,...).

FAQ



"What is the communication protocol used?"

HART-IP and HART (standard on most instruments).

"Is a power supply necessary?"

You can choose between power supply (230V/24V) or batteries.

"How many devices can be connected?"

There is no real limit here, and multiple devices can be hooked to one gateway container.

"Is this secure?"

Yes. All four major security aspects are covered: Authenticity, Confidentiality, Authorization, and Integrity.

"Who can access this?"

KROHNE with approval of the customer and the customer itself.