HOOC Control

Do you sometimes feel like you are rushing from one construction site to the other?

SIT BACK AND RELAX.

Because with HOOC Control you now have your systems and HVAC installations within reach. With only a few clicks on your HOOC ClientApp, you can easily monitor your sites, change their settings, query states and view trend data. And that all – just in a matter of seconds.

And the greatest thing about it: This does not only apply to your new and recent equipment. The KNX, Modbus or LoRa standard enables you to retrofit also your older systems and installations. So that the technology comes to you. Not the other way around.

DID YOU KNOW?

… that together with HOOC LoRa you can also measure indoor climate, detect water leaks and monitor doors and windows?

… that you can connect HOOC Control with our HOOC Alert and thus receive alarm messages in case of system failures? That those will be send via e-mail, telephone, SMS or app directly to the person responsible and/or to the technical service?

… that we have a large network of resellers happy to help you with any questions and requests?

⊕ WHAT'S IN FOR YOU

HOOC Control offers you …
- a easy handling: View data or change settings with just one click
- a simple visual display that can be personalized (e.g. icons, colours, units of measurement)
- a smart upgrade (retrofit) of different types of older systems
- an access for an unlimited number of users

⟲ A THING OF THE PAST

No more …
- long drives from one site to the other
- time-consuming on-site control and monitoring
- incompatible systems that cannot communicate with each other
- lengthy adjustments of HVAC systems

⌂ A MUST HAVE

HOOC Control is the perfect tool for …
- System integrators in the building technology
- Property management, smart homes and facility management services
- Communities and public institutions

Let's get down to the nitty-gritty of …

THE TECHNOLOGY BEHIND HOOC CONTROL

INTERFACES

- Interfaces to Modbus TCP/IP (e.g. Wago, Saia, Beckhoff, Siemens Logo!8/S7)
- Interfaces to KNX
- Interfaces to HOOC LoRaWAN sensors
- HOOC REST API interfaces
- Connection via LTE and WLAN/WAN/LAN
- Integration into existing systems possible
- Data point mapping between Modbus TCP/IP, LoRa and KNX

SMART UI

- Smart UI function for displaying and adjusting data via HOOC ClientApp
- Bidirectional real-time access (read and write) to data points via HOOC CientApp
- Basic trend data display
- Possibility to display or hide certain data points for specific user groups
- Different representation of values (e.g. text, switch, button)

SMART USER MANAGEMENT

- VPN connection to all sites
- State-of-the-art encryption
- Authentication and management of all users
- Registration / administration of different user types
- Attribution of time-limited accesses
- Attribution of function-limited accesses

CUSTOMIZATION

- Choice of language, text colour, icons, etc.
- App branding with the company's design

SECURE REMOTE CONTROL

- Possibility to cover multiple end devices per system
- Data recording in the HOOC Cloud
- Import and export of data points
- Data transport thanks to HOOC fieldbus connector
- Status monitoring of values («OK», «offline», «transient»)
- Typed data points (BOOL, INT, REAL, STRING, etc.)
- Conversion of measured values (linear scaling, inverting)
- Definition of different measurement units (LATEX format)
- Real-time packet monitor and packet memory (for KNX and LoRa)
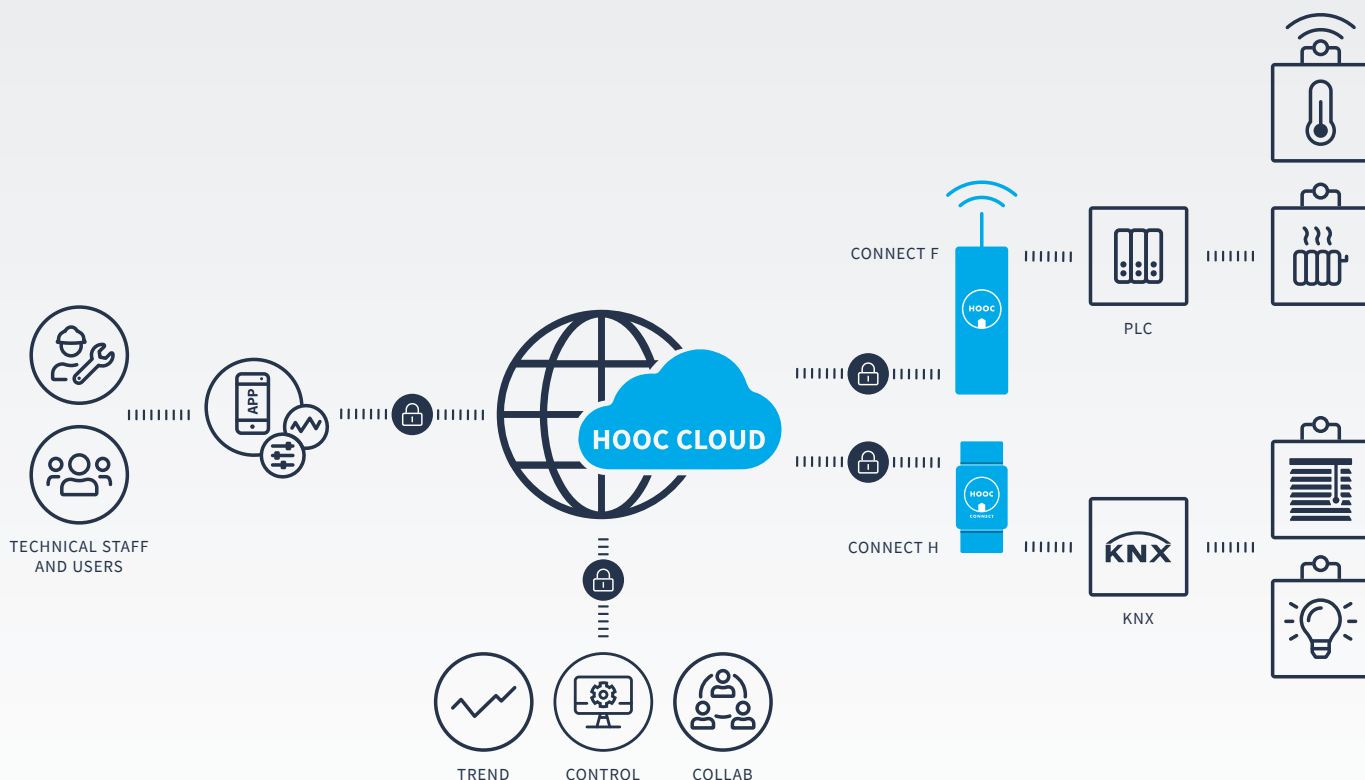
COMPATIBLITY WITH OTHER SOLUTIONS

- HOOC Alert for the automatic notification in case of system malfunctions
- HOOC DataCollect for visually appealing and detailed data overview as well as for long-term data storage
- HOOC LoRa for smart retrofitting of older systems

THE HOOC CONTROL MECHANISM

Remote control (from left to right): The user (technical manager, operator, end customer, etc.) logs in via the HOOC ClientApp (or the HOOC ManagementPortal), where all the data of his systems is displayed. Hence, he can monitor and control them remotely via the HOOC Cloud and the gateways. Regardless of whether it is a PLC or a KNX system, the user can directly change target values or adjust settings. Thus, HVAC systems can be adjusted remotely, temperatures can be lowered, light sources can be switched on and off, and much more. A special feature of HOOC Control is that together with HOOC DataCollect, it can also generate trend data. Thus, HOOC Control is not only the perfect tool for remote control, but also enables operational planning, file transfer and messaging (Collab).

CONNECT F

PLC

HOOC CLOUD

CONNECT H

KNX

TECHNICAL STAFF
AND USERS

TREND   CONTROL   COLLAB

CONTACT

HOOC AG

Torweg 8 | 3930 Visp
+41 27 527 05 50

info@hooc.ch

www.hooc.ch

SOCIAL MEDIA

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