



THE HOOC GATEWAYS



The entrance to your digital future.

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Our HOOC gateways are the link between the HOOC Cloud and your sites.

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You can handle your HOOC gateways either via the HOOC ManagementPortal or with the ClientApp, CompactApp or your company app (if you have integrated the HOOC VPN). The HOOC gateways are available as physical gateways (Connect H to XT), virtual gateways (Connect V-IoT and V-FW) or even as embedded version (Connect E).



Our physical gateways

THE X SERIES







We continue to develop. Always.

This also applies to our gateways. In this sense, the new X series is an extension of our existing models. Thus, the gateways of the X series combine even more functionalities in one device.



BASIC

ALL X-GATEWAYS INCLUDE THE FOLLOWING BASIC FEATURES

-  Possibility to switch VPN on and off via digital input
-  WAN to LAN forwarding options
-  Possibility to export configuration
-  1x RS485 for Modbus/RTU interface
-  4 x I/O's (2 digital inputs and 2 digital outputs)
-  1 x combined WAN/LAN port and 3 x LAN ports

CONNECT X

The Connect X is our new all-rounder. It combines all current functionalities in a single device.

IN ADDITION TO THE BASIC FUNCTIONS

LTE/Mobile, LoRaWAN, WLAN

THE CONNECT X IS PERFECT FOR

- Just everything



CONNECT XM

Like our proven Connect M, the new Connect XM is a real M...ust for your mobile remote access.

IN ADDITION TO THE BASIC FUNCTIONS

LTE/Mobile, WLAN

THE CONNECT XM IS PERFECT FOR

- Connection of sites without Internet access
- Machine controls and industrial sites



```
mirror_mod = modifier_ob.  
# set mirror object to mirror_  
mirror_mod.mirror_object
```

```
operation == "MIRROR_X":  
    mirror_mod.use_x = True  
    mirror_mod.use_y = False  
    mirror_mod.use_z = False  
operation == "MIRROR_Y":  
    mirror_mod.use_x = False  
    mirror_mod.use_y = True  
    mirror_mod.use_z = False  
operation == "MIRROR_Z":  
    mirror_mod.use_x = False  
    mirror_mod.use_y = False  
    mirror_mod.use_z = True
```

```
# selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select
```

```
print("please select exactly
```

OPERATOR CLASSES -----

```
bpy.types.Operator):  
    "X mirror to the selected  
    object.mirror_mirror_x"  
    "mirror X"
```

```
context):  
context.active_object is not
```

CONNECT XF

The Connect XF is your top choice for the energy-efficient reception of sensor data over long distances and the retrofitting of older installations.

IN ADDITION TO THE BASIC FUNCTIONS

LoRaWAN, WLAN

THE CONNECT XF IS PERFECT FOR

- Retrofitting of sites and control systems
- Temporary measurements and monitoring



CONNECT XH

Our Connect XH is the pimped version for Smart Home and HVAC systems. It fits on any DIN rail and in any control cabinet.

IN ADDITION TO THE BASIC FUNCTIONS

WLAN

THE CONNECT XH IS PERFECT FOR

- HVAC systems and PLC controls
- Building or industrial automation



CONNECT XT

For specific applications with existing internet connection, we recommend our Connect XT.

IN ADDITION TO THE BASIC FUNCTIONS

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THE CONNECT XT IS PERFECT FOR

- Remote maintenance of existing network infrastructures
- Realization of separate networks



Our physical gateways

THE TRIED AND TRUE

**Never change a winning team.
That is why we continue to produce our classics.**

CONNECT F

The Connect F is the classic model for LoRaWAN wireless connectivity.

THE CONNECT F OFFERS YOU

LoRaWAN / WLAN / WAN/LAN

THE CONNECT F IS PERFECT FOR

- Smart City / Smart Building / Smart Agriculture
- Temporary measurements and monitoring



CONNECT M

The Connect M is the classic model for mobile communication.

THE CONNECT M OFFERS YOU

LTE/Mobile / WLAN / WAN/LAN

THE CONNECT M IS PERFECT FOR

- Realization of separate networks
- Connection of systems without Internet access




```

elif _operation == "MIRROR_Y":
    mirror_mod.use_x = False
    mirror_mod.use_y = True
    mirror_mod.use_z = False
elif _operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True

#selection at the end -add back the deselected mirror mo
mirror_ob.select= 1
modifier_ob.select=1
bpy.context.scene.objects.select_all()

```

CONNECT H

The Connect H is the classic model for all HVAC applications in the building technology.

THE CONNECT H OFFERS YOU

WLAN/LAN

THE CONNECT H IS PERFECT FOR

- HVAC controls
- Building automation solutions



CONNECT L

The Connect L is our test device and the classic version for your office and home.

THE CONNECT L OFFERS YOU

LAN

THE CONNECT L IS PERFECT FOR

- Remote maintenance of telephone systems and network infrastructure
- Remote access for office and smart home





Our virtual gateways

THE V-SERIES

Virtual gateways are used wherever multiple players (suppliers, manufacturers, technicians, etc.) have access to a network. With a Connect V, separate VLANs can be assigned or specific firewall settings can be made.

CONNECT V-IOT

Connected to a physical gateway, the Connect V-IoT allows to subdivide larger entities (schools, municipalities, corporations, etc.) into smaller structures in order to control them systematically and independently.

THE CONNECT V-IOT IS PERFECT FOR

- Creating countless numbers of virtual sites based on one or more physical gateways
- Creating sub-groups and functional units that can work independently or together

CONNECT V-FW

The Connect V-FW is a virtual gateway that can be opened or blocked for a specific function or time period, depending on the need and the actor.

THE CONNECT V-FW IS PERFECT FOR

- Separate access for suppliers and integrators
- Separate VLAN accesses

THE INTEGRATED GATEWAYS

In addition to the installation of a physical or the configuration of a virtual gateway, you also have the possibility to directly integrate the HOOC software into your existing hardware. This embedding will save you a fair amount of time, costs, resources and energy. However, you might want to keep in mind that you will need some professional background knowledge for the proper integration of the HOOC embedded gateway.

CONNECT E

The Connect E is used for the integration in existing systems and suitable for different platforms (e.g., Raspberry Pi, Linux, Darwin, FreeBSD, MAC).

THE CONNECT E IS PERFECT FOR

- The integration into existing control systems, hardware and server environments

NO-GATEWAY-NEEDED

You wouldn't believe it, but sometimes the HOOC solutions work just as well without a gateway. Namely with the right protocol – and the SEPROX service from HOOC Access. The no-gateway-needed version is especially interesting for remote control and smart alarm solutions, meaning HOOC Alert and HOOC Control.

MQTT

Thanks to the MQTT protocol, PLC controllers of the latest generation as well as certain field devices (e.g., Shelly remote I/O's) can be integrated automatically – and without conversion – into the HOOC ecosystem. This means that by using MQTT, you can send data from actuators, sensors and controllers to the HOOC Cloud and vice versa. An installation of a physical gateway or the integration of an embedded version is therefore not necessary.

MQTT IS PERFECT FOR

- PLC controllers (latest generation)
- Shelly remote I/O's

MORE INFOS

For end customers: Contact one of our distributors
<https://www.hooc.ch/en-us/about-us/partners>

For distributors: Register under
<https://disti-en.promo.hooc.ch>

Please find our latest videos, security features and product developments on our social media channels    

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