



Add C6 Smart or HMI to Connect Domain

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Introduction

This document explains how to connect both a C6 Smart and an HMI device to the COMBIVIS Connect network and register it to a domain. For adding an HMI device to a Connect domain, no other tools are required. To connect a C6 Smart PLC to Connect, a monitor with a male DVI-D port connection and a USB mouse is also required. If a monitor with a DVI connection is not available, DVI adapters can easily be found for other port types (e.g. VGA, HDMI, DisplayPort).

Procedure

Connect to Device

C6 Smart: Connect a monitor display to the female DVI port on the front of the Smart. Connect a USB mouse to one of the USB ports of the Smart.

Finally, connect a network ethernet cable to the LAN (X6) port of the C6 Smart or the LAN 2 port of the HMI device. The network must have a working internet connection.

Connect to COMBIVIS Connect Network

The status of the device's Connect runtime connection to the Connect network can be viewed in the taskbar of the desktop. A grey icon, shown below, means that the runtime cannot connect to the internet.



Fig. 1: Grey Connect Icon in Device Taskbar

If the Connect icon remains grey, verify that the settings of the port are compatible with the network's gateway and that the network has a working internet connection. To view the network settings of the LAN port on the desktop, navigate to *My Device > Control Panel > Network and Dial-up Connections*.

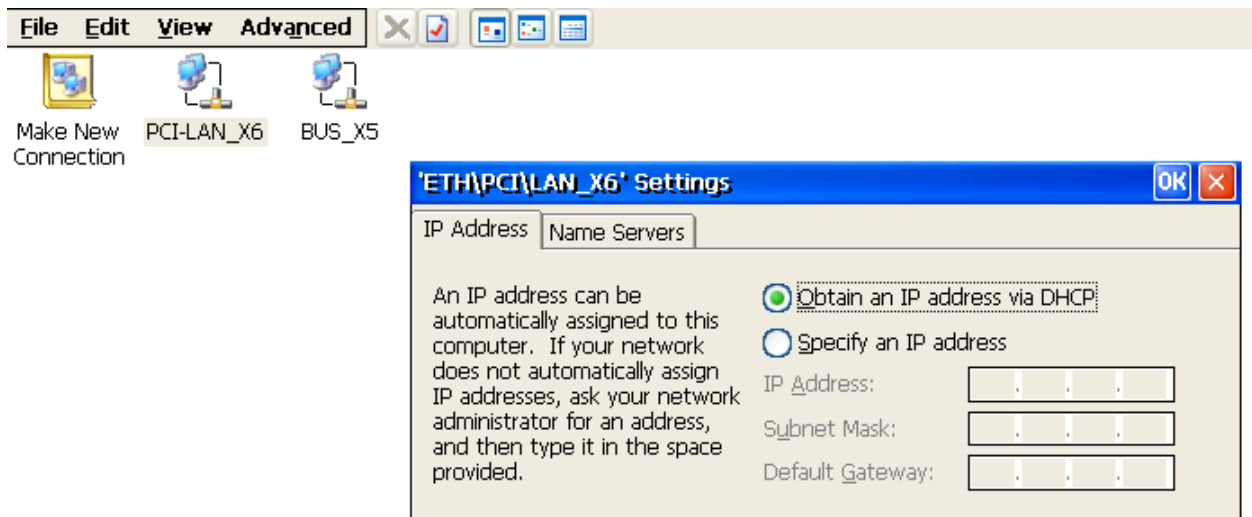


Fig. 2: C6 Smart LAN Port Network Settings

If the network settings are changed in the desktop, execute the *Registry Saver* tool that is also available in the *Control Panel*.

If the network settings are correct but a connection to the Connect network is still not available, the ports that Connect uses to connect to the COMBIVIS Connect server infrastructure may be blocked. Connect can use ports 80, 443, or 5935. Consult with IT to ensure that the device has access to at least one of these ports.

Get Device ID and Password



Fig. 3: Pink Connect Icon in Device Taskbar

A pink Connect icon in the task bar shows that the device was able to connect to the Connect Network. Select the icon in the taskbar and chose *Open*. Select *Connect* in the window that appears.

FAQ COMBIVIS connect

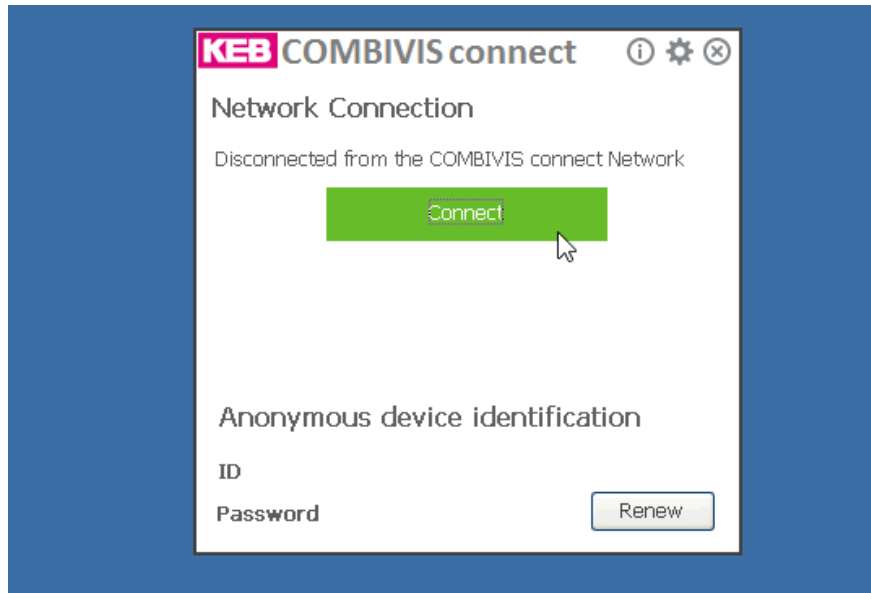


Fig. 4: Connect to COMBIVIS Connect network

An ID and Password will be displayed under *Anonymous device identification*. These will be needed for the next step.

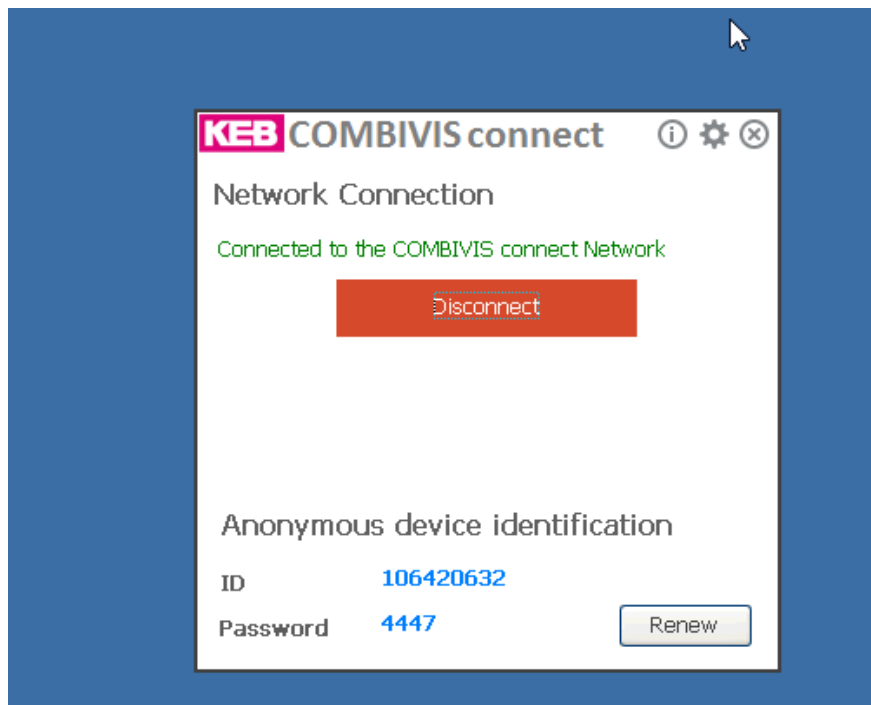


Fig. 5: Connected to COMBIVIS Connect network

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Register to Connect Domain

Open COMBIVIS Connect and login to the domain that the device will be registered to. Select the folder in the domain that the device will belong to. Select *Add device*.

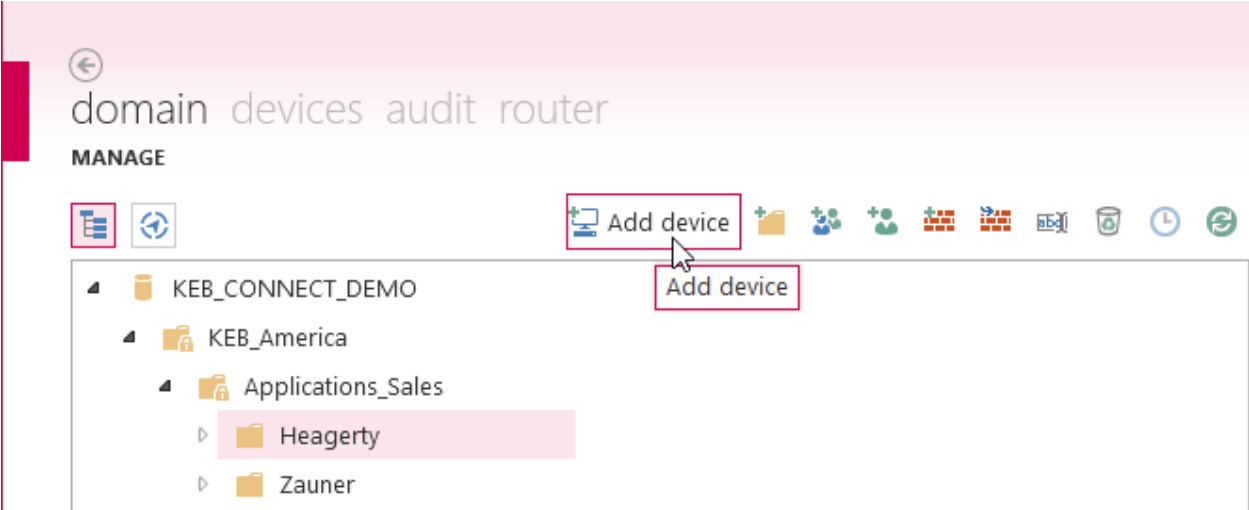


Fig. 6: Add Device to Connect Domain

A window will appear asking for the ID and password of the device. Enter these values from the Connect runtime on the device. Select *OK*.



Fig. 7: Enter Device ID and Password

FAQ COMBIVIS connect

The device is now displayed in the domain and is ready to utilize the functions of COMBIVIS Connect.

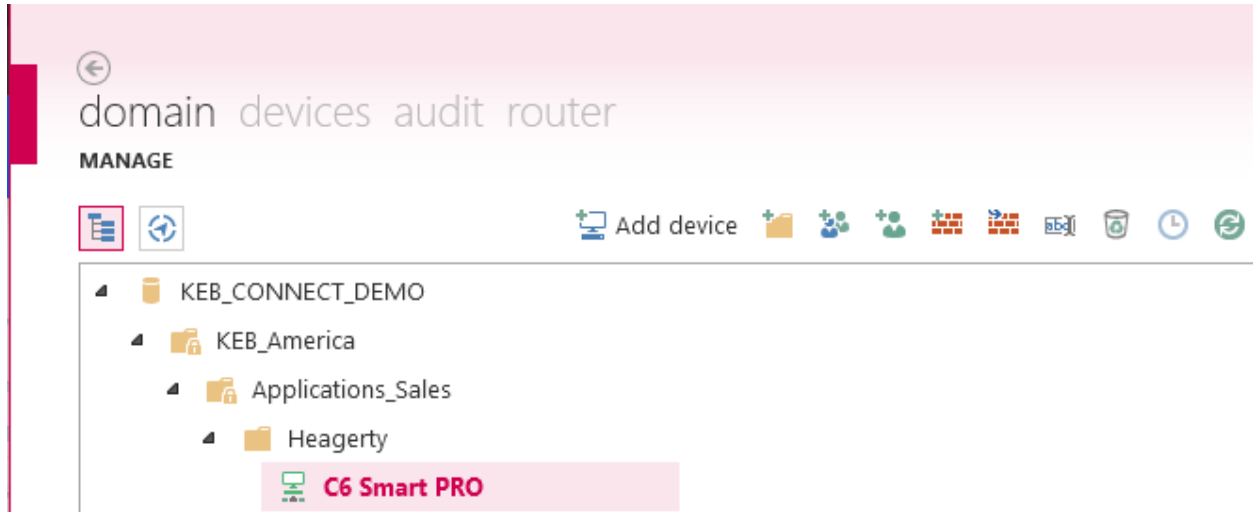


Fig. 8: Device Added to COMBIVIS Connect Domain

When the device is online, it will appear in the domain with bold pink text as shown above. If the device is powered off or its network connection is removed, it will appear as grey.

The device may be moved anywhere in the world and will be available in the Connect domain as long as it is supplied an internet connection with one of the previously listed ports open.

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Americas:

KEB America, Inc.
5100 Valley Industrial Blvd South
Shakopee, MN 55379, USA
(+1) 952-224-1400
info@kebamerica.com

Headquarters:

KEB Automation KG
Suedstrasse 38
D - 32683 Barntrup, Germany
(+49) 5263 401-0
info@keb.de