



Cloud Connection Guide

Belimo Cloud connections

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Welcome to the Belimo Cloud

Preface

Congratulations! You have chosen the Belimo Cloud. Now you can connect and centrally manage compatible devices with the Belimo Cloud. Use the new powerful features to further improve the performance of your Belimo devices.

Purpose of Document

This document explains how to connect cloud-enabled Belimo devices to the Belimo Cloud. It contains detailed information on the different connection options and step-by-step instructions on how to connect our devices.

Belimo Cloud connections

Belimo products can be connected to the Belimo Cloud in various ways.



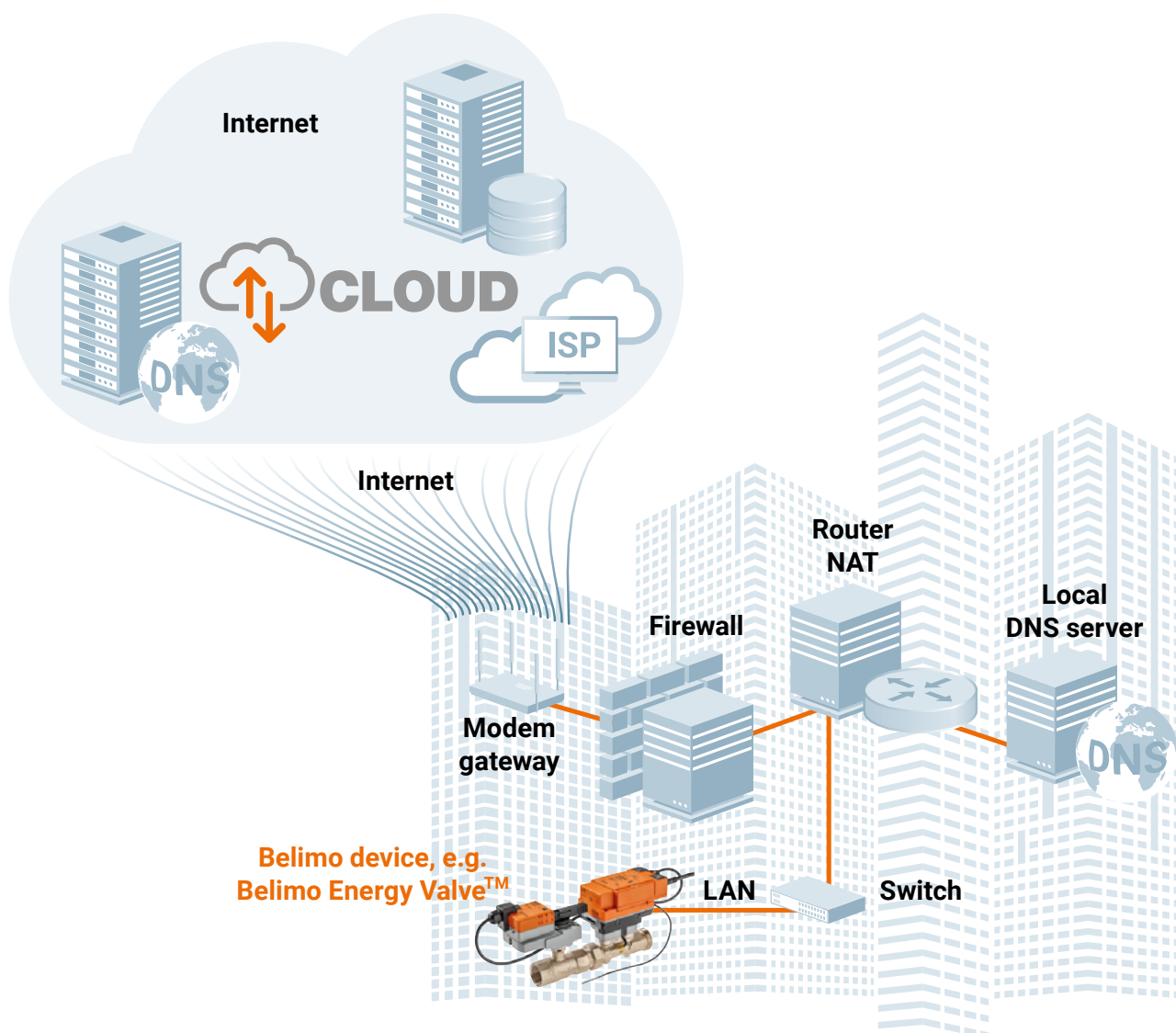
Permanent connection

The cloud-enabled Belimo device is permanently connected to the cloud via Ethernet and Internet. Data is exchanged continuously.

Temporary connection

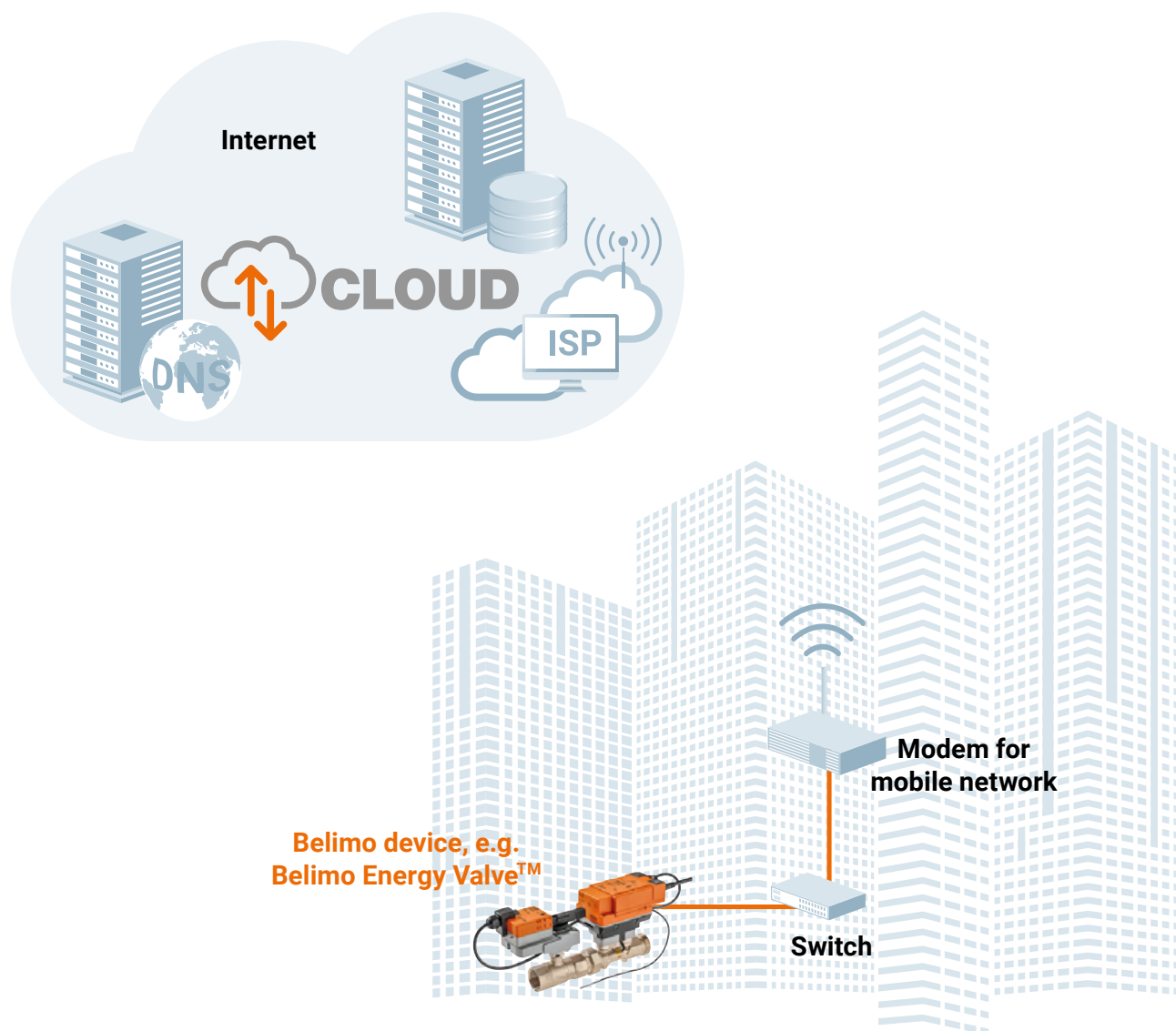
The cloud-enabled Belimo device does not connect directly to the cloud. A smartphone with the Belimo Assistant 2 installed exchanges data with the device via NFC and synchronises it with the cloud.

Permanent connection via Ethernet (LAN/WLAN)



Permanent connection via mobile network 3G/4G/5G/LTE

Connection to the Belimo Cloud via mobile network (3G/4G/5G/LTE)

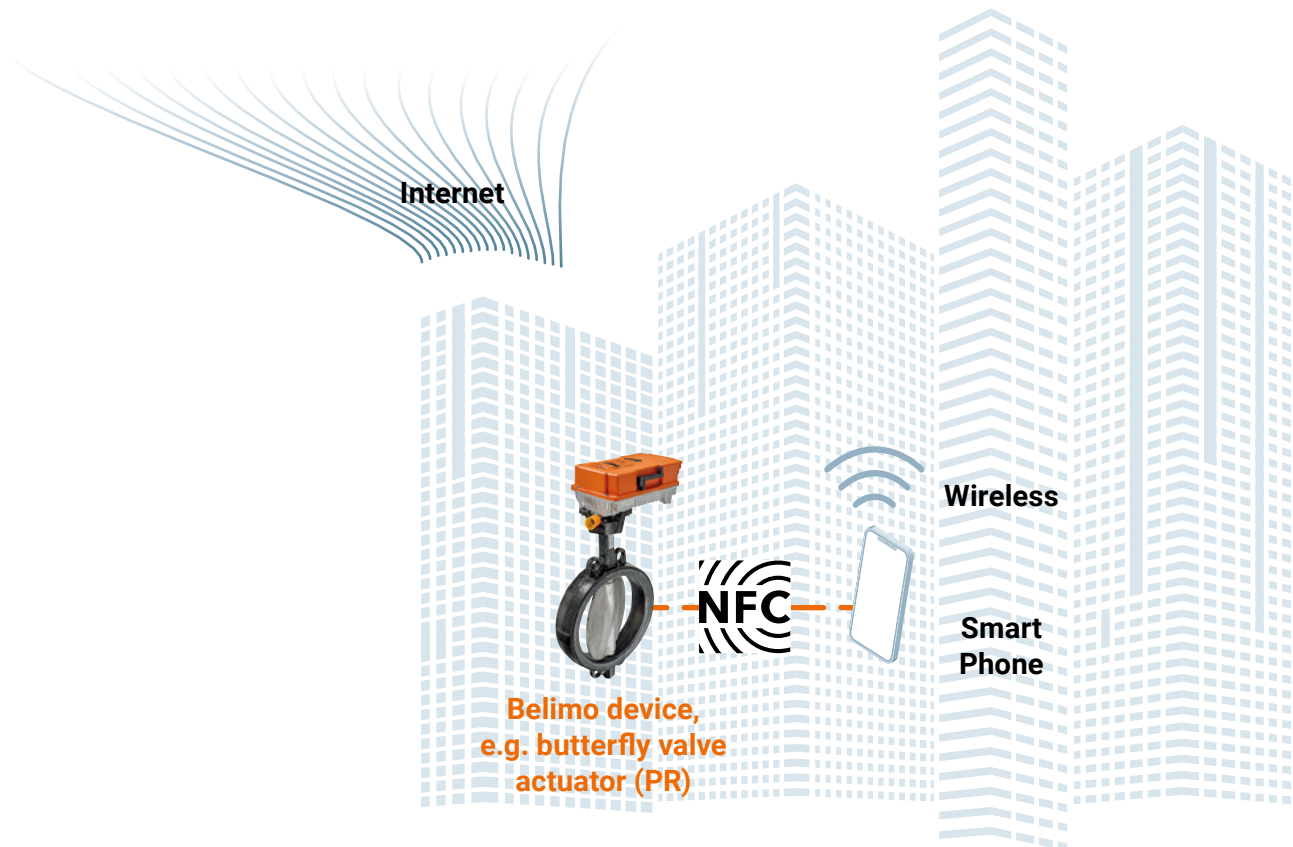


What kind of SIM card do you need?

- Band width: No specific requirements known
- Data volume: Energy Valve V4 approx. 40...45 MB/day
- Data volume: Thermal energy meter approx. 32...36 MB/day

Temporary connection – Belimo Assistant 2

Connection to the Belimo Cloud via smartphone and NFC (Belimo Assistant 2)



Belimo Energy Valve™ V4 and thermal energy meter

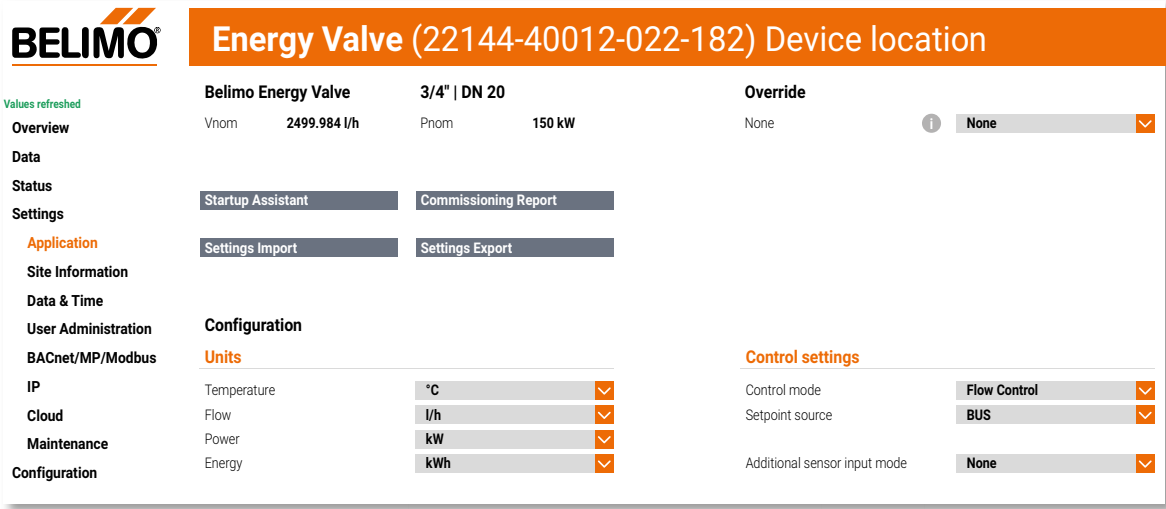
The Energy Valve V4 and the thermal energy meter can be connected to the cloud permanently or temporarily.

Permanent connection

Settings can be made via the local web server or with the Belimo Assistant 2.

Web server

- Step 1:**
Connect your laptop to the Energy Valve or the thermal energy meter.
- Step 2:**
Open the web server of the Energy Valve. Use http://belimo.local or 169.254.1.1 if you are running DHCP, or 192.168.0.10 if you are using a static IP address.
- Step 3:**
Click through the Startup Assistant until you reach the "Cloud" step. You will find the Startup Assistant under Settings in the Application submenu.



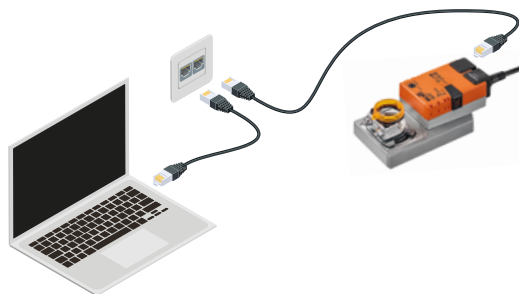
Accept the Terms & Conditions and enter your BelimoID (email address or user group ID) for your Belimo Cloud account. Exit the Startup Assistant. If you do not have a Belimo Cloud account, use the link <https://cloud.belimo.com> to set up your personal Belimo Cloud account.

Step 4:

Configure the IP settings according to the local IT specifications.

Step 5:

Connect the device and your laptop to the local network.

**Step 6:**

Under "Settings\Cloud", make sure that the device has been able to connect to the Belimo Cloud.

Step 7:

Log in at <https://cloud.belimo.com>.

**Step 8:**

Check the serial number of the device under "Device transfer\Incoming" and accept the incoming Belimo transfer. The Belimo Cloud device is now in your Devices list. For more information, see the online product documentation.

Belimo Assistant 2

Step 1:

Install Belimo Assistant 2 on your smartphone ¹⁾. The app is available for download in the Google Play Store and Apple Store.



Step 2:

Read out the data from the Energy Valve or the Thermal Energy Meter.

Step 3:

In the "Home" tab, in "Cloud services" workflow accept "Terms and conditions" and activate the cloud services.

¹⁾ Possible also on a tablet or PC (Windows), see [Belimo Assistant 2](#) for more information.

Step 4:

In the "Home" tab, select "Manage digital owner" and log in to the cloud account. Configurations in the next steps are synchronised to the cloud.

Step 5:

Make the necessary settings.

In the de-energised state, the setting options are limited.

Note:

A commissioning report can be created in the "Home" tab, selecting Reports in the General Information section

**Step 6:**

Write the changes back to the device.



Step 7:

Log in at <https://cloud.belimo.com>.

**Step 8:**

Check the serial number of the device under "Device transfer\Incoming" and accept the incoming Belimo transfer. The Belimo Cloud device is now in your Devices list. For more information, see the online product documentation.

Belimo Energy Valve™ V3

Connect your Belimo Energy Valve™ to your cloud account

Step 1:

Connect your laptop to the Energy Valve.



Step 2:

Open the web server of the Energy Valve. Use `http://belimo.local:8080` (if you are running DHCP) or `192.168.0.10:8080` if you are using a static IP address.

Step 3:

Click through the Startup Assistant until you reach the "Cloud" step. Accept the Terms & Conditions and enter your BelimoID (email address or user group ID) for your Belimo Cloud account. Exit the Startup Assistant. If you do not have a Belimo Cloud account, use the link <https://cloud.belimo.com> to set up your personal Belimo Cloud account.

Step 4:

Configure the IP settings according to the local IT specifications.

Step 5:

Connect the Energy Valve and your laptop to the local network.



Step 6:

Under "Settings\Cloud", make sure that the Energy Valve was able to connect to the Belimo Cloud.

Step 7:

Log in at <https://cloud.belimo.com>.

**Step 8:**

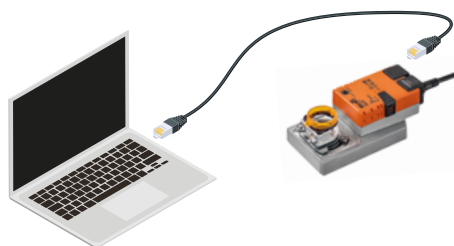
Check the serial number of the device under "Device transfer\Incoming" and accept the incoming Belimo transfer. The Belimo Cloud device is now in your Devices list. For further information, please check product documentation online.

IoT Actuators

Link IoT actuator with account

Step 1:

Connect your laptop to the IoT actuator.



Step 2:

Open the web server of the IoT actuator. Use the link <http://belimo.local:8080> (if you are running DHCP) or 192.168.0.10:8080 if you are using a static IP address.

Step 3:

Click through the Startup Assistant until you reach the step "Cloud". Accept the Terms & Conditions and enter your BelimoID (email address or user group ID) for your Belimo Cloud account. Exit the Startup Assistant. If you do not have a Belimo Cloud account, use the link <https://cloud.belimo.com> to setup your personal Belimo Cloud account.

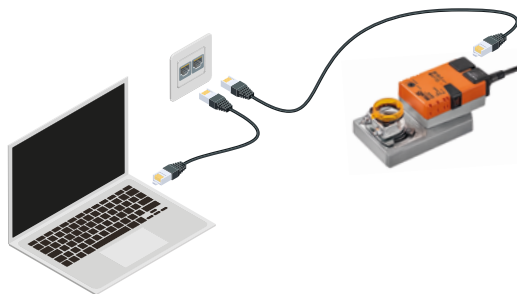


Step 4:

Configure the IP settings according to the local IT specifications.

Step 5:

Connect the IoT actuator and your laptop to the local network.



Step 6:

Under "Settings\Cloud", make sure that the IoT actuator was able to connect to the Belimo Cloud.

Step 7:

Log in at <https://cloud.belimo.com>.

**Step 8:**

Check the serial number of the device under "Device transfer/Incoming". The Belimo Cloud device is now in your Devices list.

For more information, see the product documents or go to www.belimo.com.

All inclusive.

Belimo is the global market leader in the development, production, and sales of field devices for the energy-efficient control of heating, ventilation and air-conditioning systems. The focus of our core business is on damper actuators, control valves, sensors and meters.

Always focusing on customer value, we deliver more than only products. We offer you the complete product range for the regulation and control of HVAC systems from a single source. At the same time, we rely on tested Swiss quality with a five-year warranty. Our worldwide representatives in over 80 countries guarantee short delivery times and comprehensive support through the entire product life. Belimo does indeed include everything.

The "small" Belimo devices have a big impact on comfort, energy efficiency, safety, installation and maintenance.

In short: Small devices, big impact.



5-year warranty



On site around the globe



Complete product range



Tested quality



Short delivery times



Comprehensive support



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