

Welcome to the Belimo Cloud

Thank you that you've decided to use the Belimo Cloud. Now you'll be able to connect and maintain your Belimo Cloud enabled devices from a central point. Use the new powerful features to further improve the performance of your Belimo devices.

Purpose of Document

This document provides an overview on how to connect a cloud enabled Belimo device to the Belimo Cloud. It provides detailed information about the different connection possibilities and also includes a step by step guide to connect our devices.

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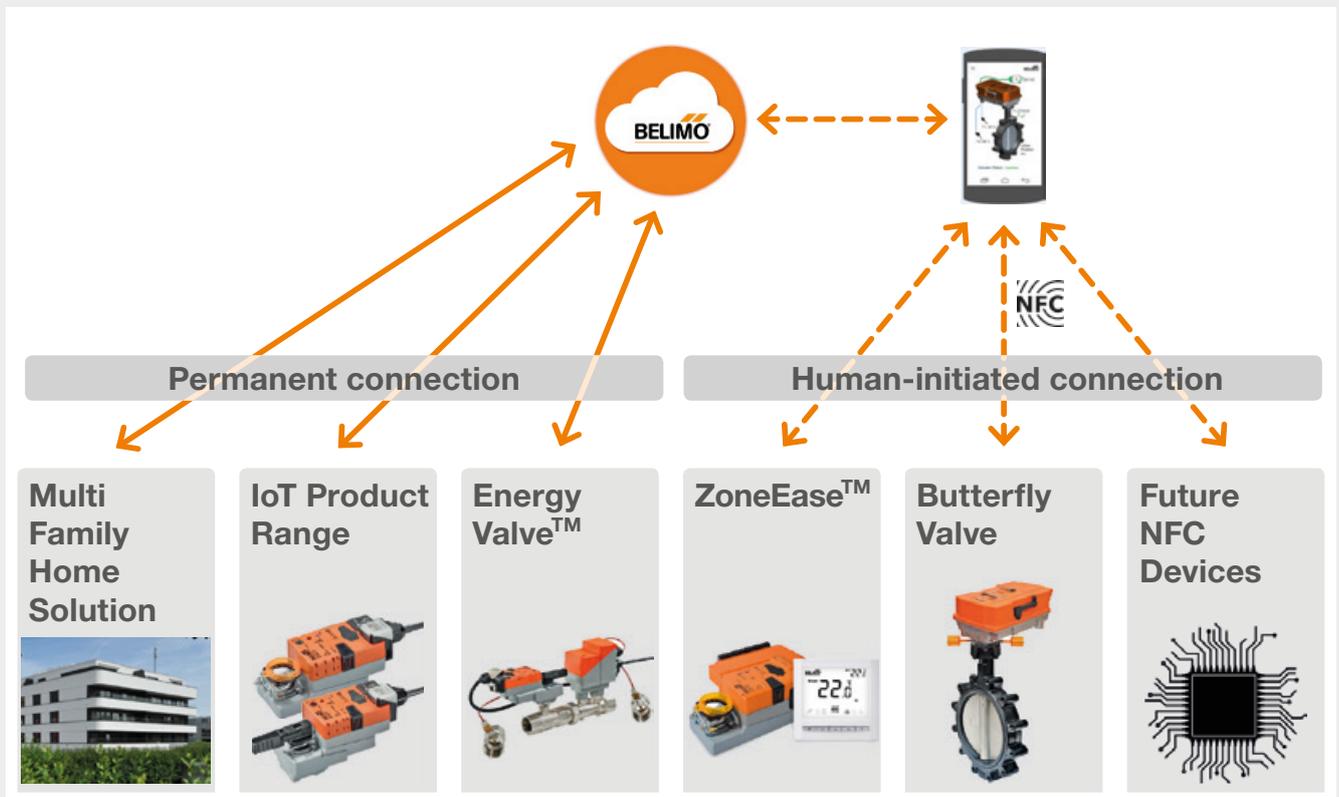
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Belimo Cloud Connections

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1.1 Belimo Cloud Connections

There are different ways how the Belimo products are connected to the Belimo Cloud.



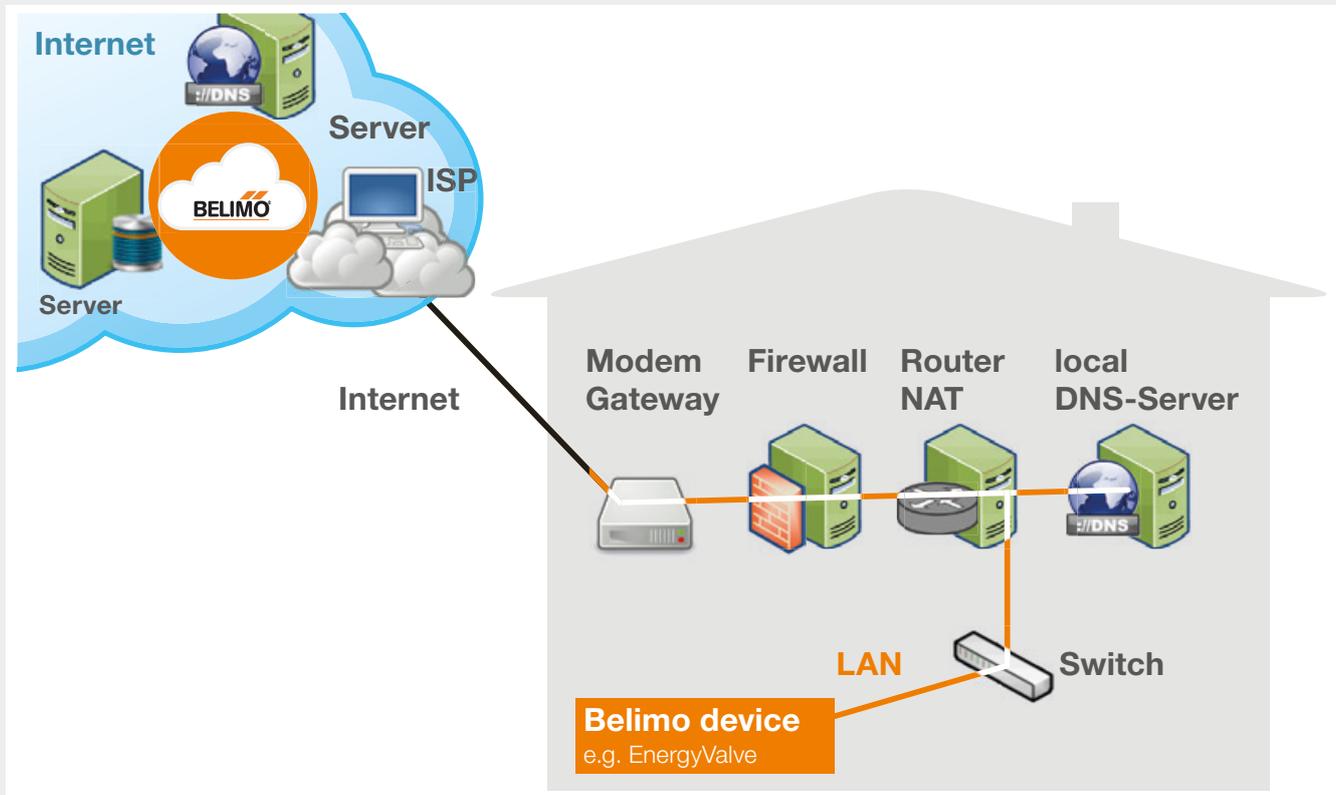
Permanent connection

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

Human-initiated connection (Belimo App)

The cloud enabled Belimo device does not directly connect to the cloud. A smartphone with a Belimo App installed exchanges the data via NFC with the device and synchronizes the data to the cloud.

1.2 Permanent connection Ethernet (LAN / WLAN)



What do you need to know to setup your device?

Your IT department can provide all the information on how to connect the Belimo device to your local network (LAN). Make sure to mention the Belimo device needs access to the internet.

Depending on your LAN topology and policy, you may receive following information.

- Port/Socket to plug in the ethernet cable coming from your device
- If you have to use Static IP or DHCP
- Static IP: IP address, subnet mask and Gateway IP to setup the IP settings in your Belimo device
- In case of DNS restrictions: IP adresse(s) of internal DNS server(s)

Another option is to connect the Belimo device with a WLAN bridge (LAN → WLAN) to the Internet. For this purpose, IT must provide the credentials of the WLAN access point (SSID, password).

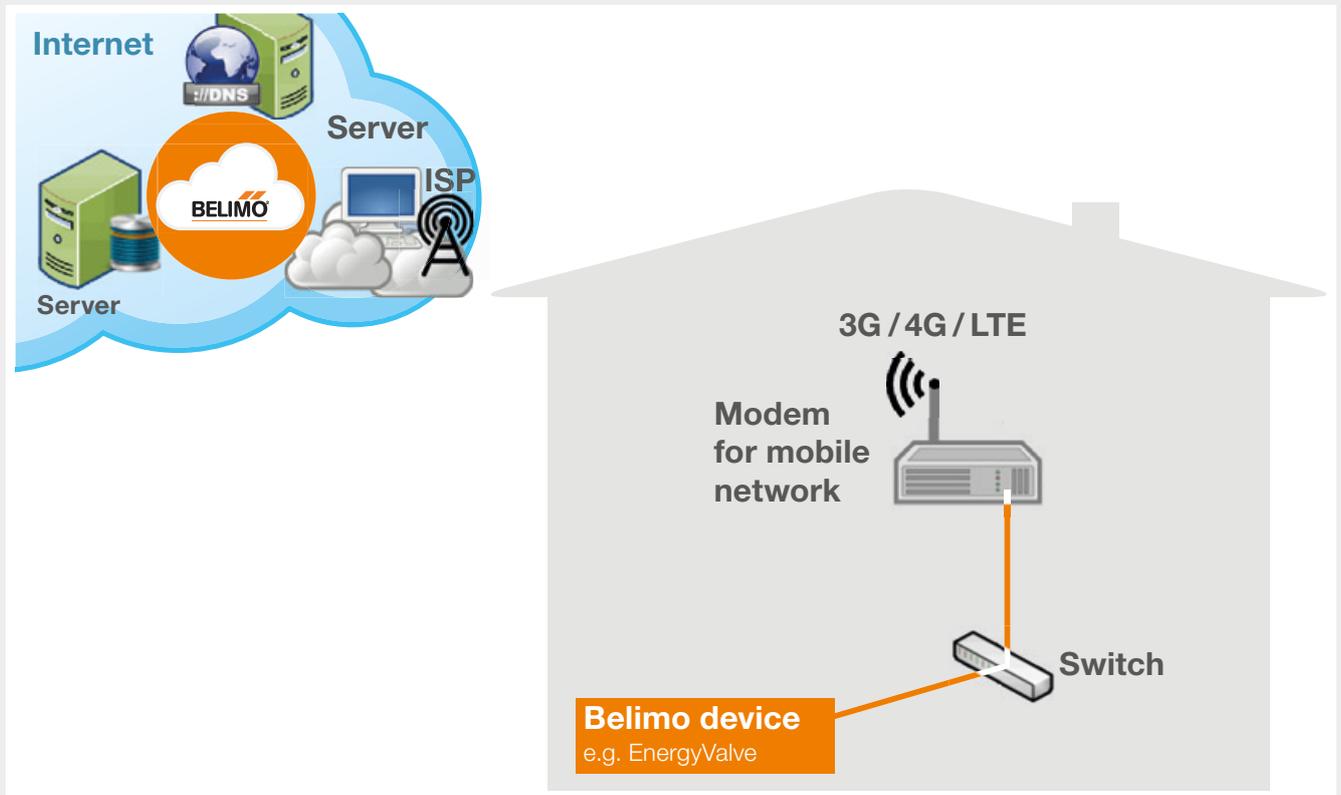
What the local IT department might need to setup their network.

- Protocol: https over TCP
- Address family: IPv4
- DNS address of cloud server: <https://connect.g2bcc.com>
- Port of the cloud server endpoint: 443
- Firewall rule to allow communication



1.3 Permanent connection Mobile Network 3G / 4G / LTE

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

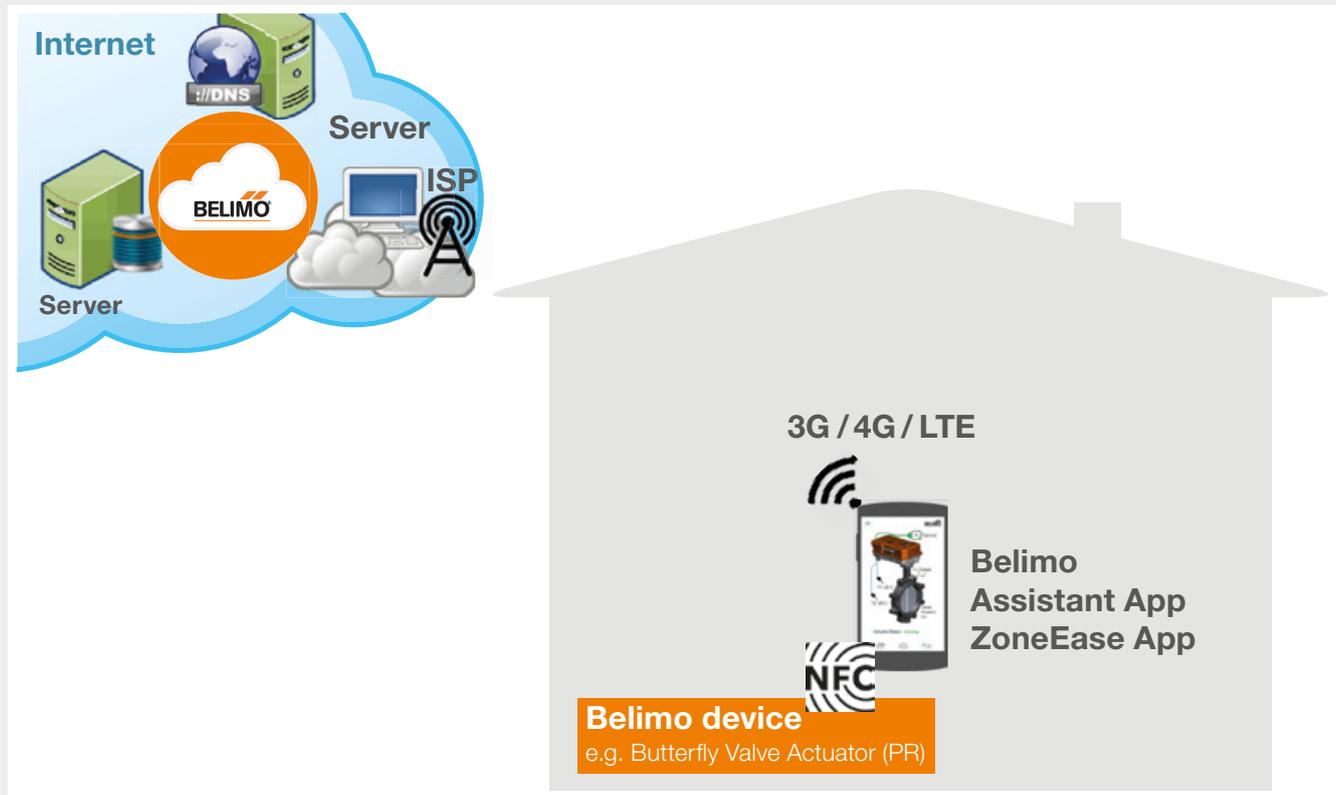


What kind of SIM card do you need?

- Bandwith: no special requirements known
- Data volume: EnergyValve ~8MB/day

1.4 Human-initiated connection Belimo App

Connection to the Belimo Cloud via smartphone and NFC (Belimo App).



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Product Information

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2.1 Energy Valve V3

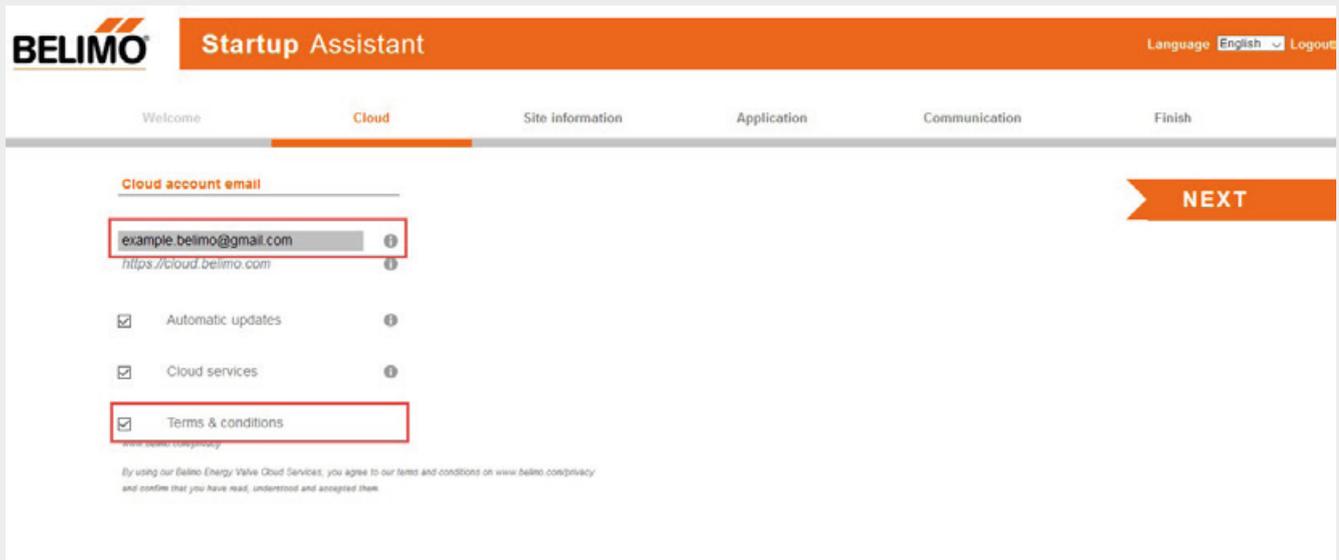
How to claim your Energy Valve to your account?

Step 1: Connect your laptop with the EnergyValve.



Step 2: Open the EnergyValve's webservice. Use <http://belimo.local:8080> (if you are running DHCP) or 192.168.0.10:8080 if you are using a static IP address.

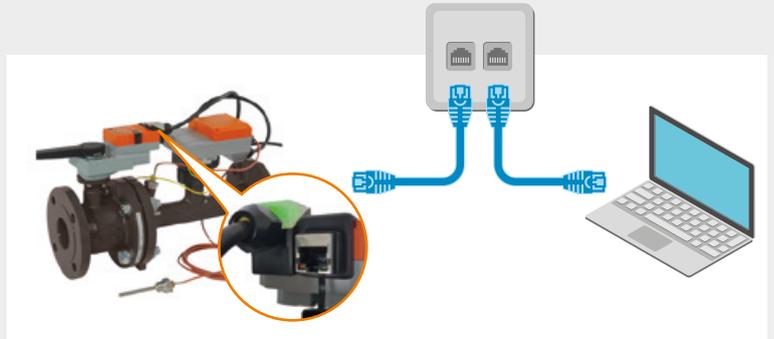
Step 3: Click through the Startup Assistant until you reach the step Cloud. Accept Terms & Conditions and type in your e-mail address for your Belimo cloud account. Finish the Startup Assistant. If you do not have a Belimo cloud account, use the link <https://cloud.belimo.com> to setup your personal Belimo cloud account.



Step 4: Configure IP settings according to local IT specifications.



Step 5: Connect the EnergyValve and your laptop to the local network.



Step 6: Double check if the Energy Valve was able to connect to the Belimo Cloud in the Settings\Cloud settings.



Step 7: Login to <https://cloud.belimo.com>.

BELIMO

Willkommen

Benutzer einloggen

Deutsch ▾

E-Mail

Passwort

Anmeldung merken

[Passwort vergessen?](#) [Passwort zurücksetzen](#)

Einloggen

[Neu bei Belimo Cloud? Registrierung](#)

Step 8: Check the serial number of the device in the Incoming Transfers and accept the incoming Belimo transfer. The Belimo Cloud device is now on your Devices list.
For further information, please check product documentation online.

The screenshot shows the BELIMO Device Management web interface. At the top, there is a navigation bar with 'Overview', 'Device Management' (highlighted), 'Settings -', and 'Support -'. Below this is a large orange header with the text 'Device Management'. The main content area is divided into two sections: 'Incoming Transfers' and 'Devices'. The 'Incoming Transfers' section contains a table with one entry:

Device	Owner	Receiver	
21725-00023-022-080	Belimo Transfer	hans muster	

The 'Devices' section below it features a 'Show 10 Entries -' button, a search box, and a table header with columns: Name, Online, Health, Action, Type, Serial Number, Owner, City, Country, and Project. A right arrow button is located below the table header.

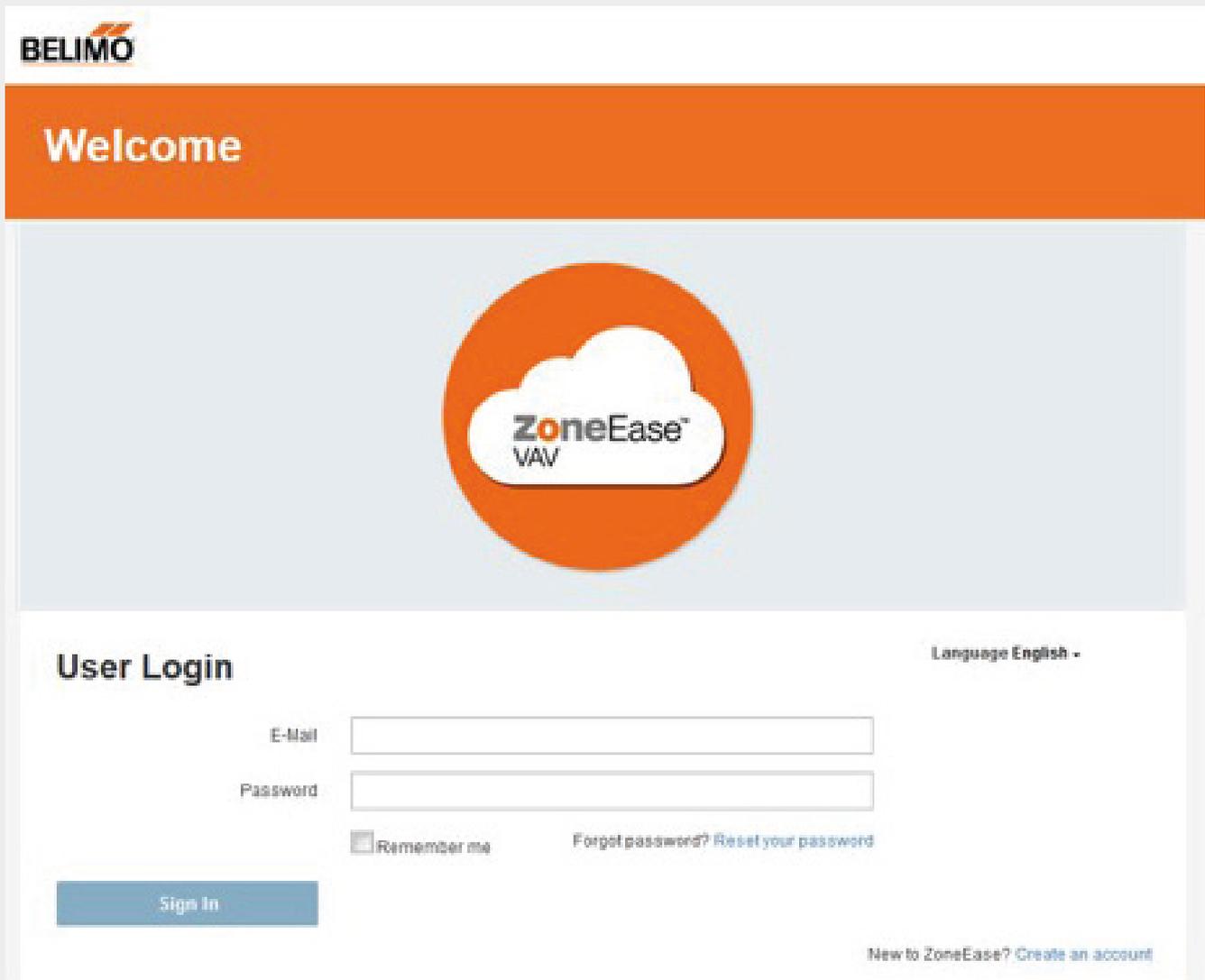
2.2 ZoneEase VAV

How to claim your ZoneEase VAV to your account?

Step 1: Login to <https://zoneease.cloud.belimo.com>.

Belimo Cloud Connections

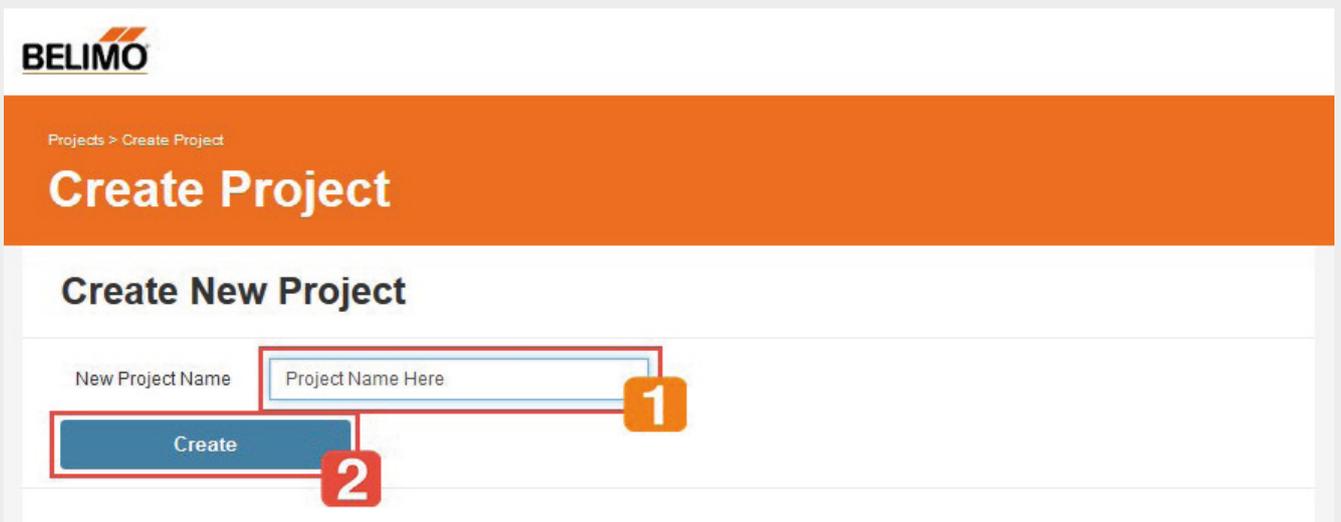
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Step 2: Create Project or Open Project where you are a member. Continue with Step 5, if you open an existing project.



Step 3: Name the project and create.



Step 4: Upload your prepared Excel. The Excel template is also available here.

Project	State	Site	Actions
Project Name Here	Prepare		

Projects > Site Configuration Upload

Site Configuration Upload

Project: **Project Name Here**

Please upload your site configuration file

[Excel templates are available here](#)

Upload Site Configuration

Step 5: Change State from Prepare to Configure.

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Projects

Project Overview

Create Project

Project	State	Site	Actions
Project Name Here	Prepare		

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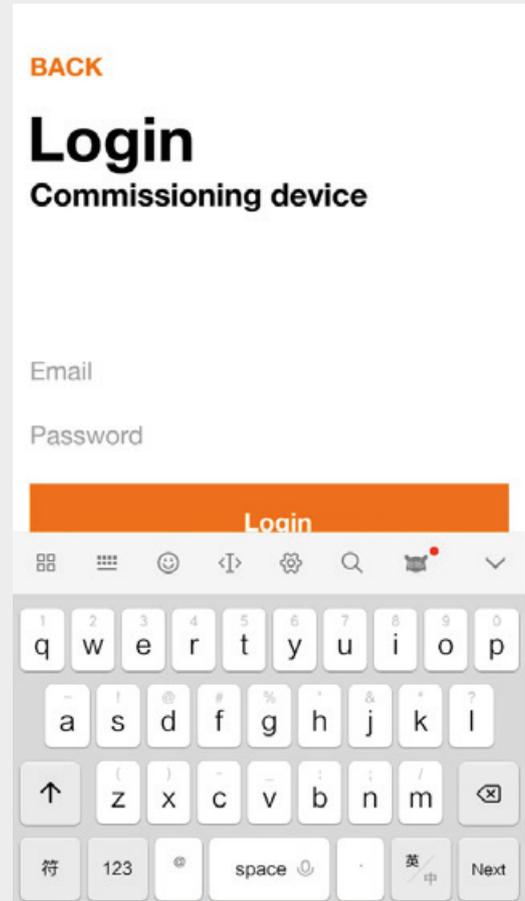
Projects > Change State

Change State

Change State for Project Name Here

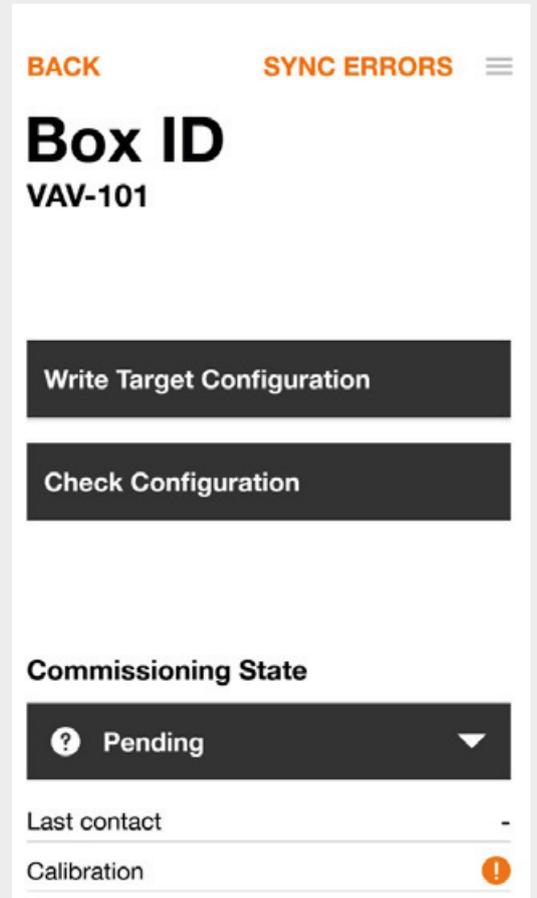
Prepare
Configure

Step 6: Login from a smartphone in the ZoneEase™ Assistant App with the same credentials.



Step 7: Browse through the building structure and select a VAV Box.
Download Target Configuration by connecting with a Smartphone to the room unit or actuator using NFC.

With Write Target Configuration you have claimed the device to the project you own or are a member of.
For further information, please refer to product documents or visit www.ZoneEase.com.



2.3 IoT Actuators

How to claim your IoT Actuator to your account?

Step 1: Connect your laptop with the IoT Actuator

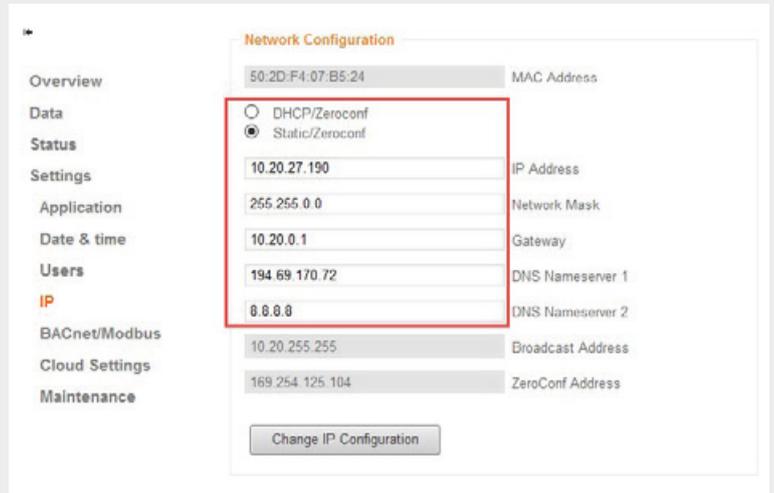


Step 2: Open the IoT Actuator's webserver. Use <http://belimo.local:8080> (if you are running DHCP) or 192.168.0.10:8080 if you are using a static IP address.

Step 3: Click through the Startup Assistant until you reach the step Cloud. Accept Terms & Conditions and type in your e-mail address for your Belimo cloud account. Finish 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.



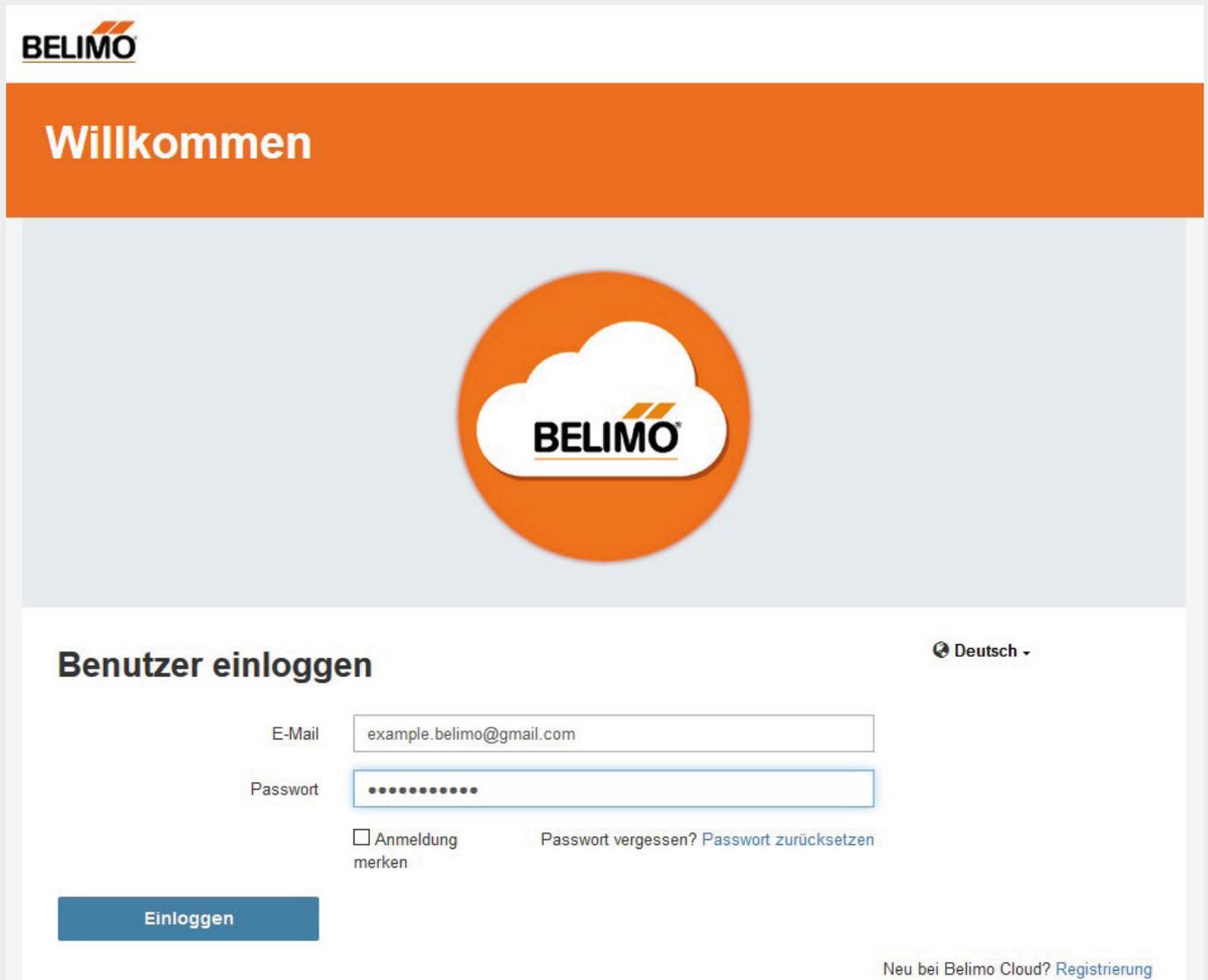
Step 5: Connect the IoT Actuator and your laptop to the local network.



Step 6: Double check if the IoT Actuator was able to connect to the Belimo Cloud in Settings\Cloud settings.

The screenshot shows the BELIMO web interface for device **PM4&9 ottbe EV1**. On the left is a navigation menu with options: Overview, Data, Status, Settings, Application, Date & time, Users, IP, BACnet/MP/Modbus, **Cloud settings**, and Maintenance. The main content area is titled **Cloud connection status** and features a green checkmark icon. Below this, it displays "Time elapsed since last connection: 18 seconds" and a text input field containing "connect.g2bcc.com:443" with "Cloud server" to its right. The **Cloud service configuration** section includes: "Datalog service" with "enabled" selected; "Task service (depends on datalog service)" with "enabled" selected; and "Update mode" set to "Cloud controlled auto" via a dropdown menu. The **Device owner** section shows a "Current owner" field with a "Refresh current owner" button, and a "New owner" section with a text input field and a "Transfer device" button.

Step 7: Login to <https://cloud.belimo.com>.



BELIMO

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For further information, please refer to product documents or visit www.Belimo.com.

In your vicinity – Everywhere



5-year
warranty



On site
around the globe



Complete
product range



Tested
quality



Short
delivery times



Comprehensive
support

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