Getting Started

This Home Control Gateway is a controller that supports home automation devices within a Home Control ecosystem. Home automation devices are added to the network, and provide users simple home control from mobile devices (smart phones, tablets) and web browsers. The gateway additionally communicates with, and controls, Bosch alarm panels using the Ethernet port connection.

Activation Process

The following sequence of events must take place prior to the activation and daily use of the Home Control Gateway. Refer to the list below for task assignments and ownership.

1. **Dealer:** The Dealer must register for services at:

   https://installerservices.boschsecurity.com

2. **Bosch:** The Bosch representative creates an Administrative Portal (AP) account and unlocks the dealer's account (this enables the dealer to order the controller). An AP account email notification is sent to the dealer.

3. **Dealer**: The Dealer orders the Home Control Gateway. The Dealer registers the controller and activates the service in Administrative Portal upon arrival of the controller.

4. **Dealer**: The Dealer installs and configures the controller and enables a Bosch Alarm Panel to communicate with the controller.

5. **End-User**: The End-User customizes and uses the Home Control ecosystem. Additional device may be added at this time.

G450 Overview

The following descriptions refer to the buttons and LEDs on your gateway. Although these buttons are not the primary method for adding or removing devices, please familiarize yourself with the Home Control Gateway.

Refer to the figure below for a system overview.
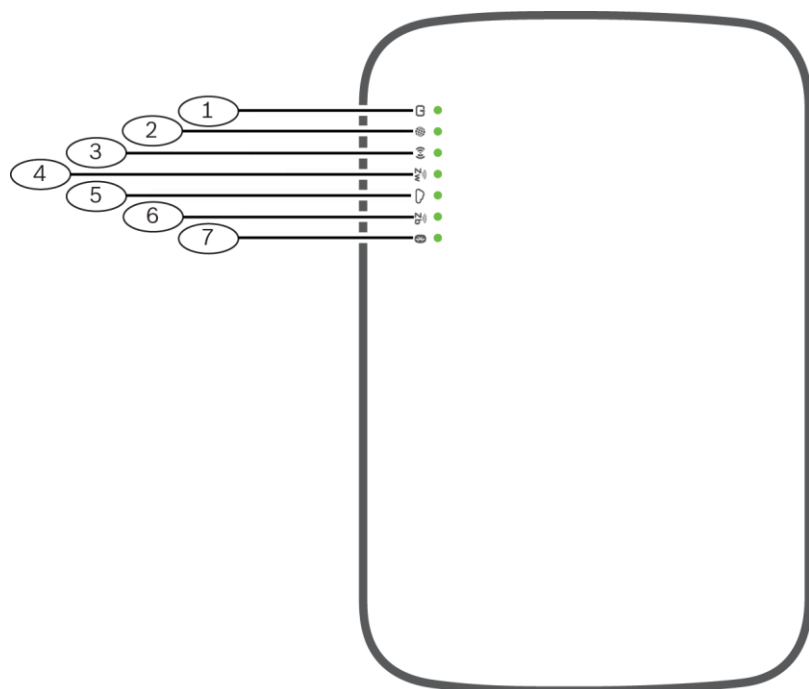
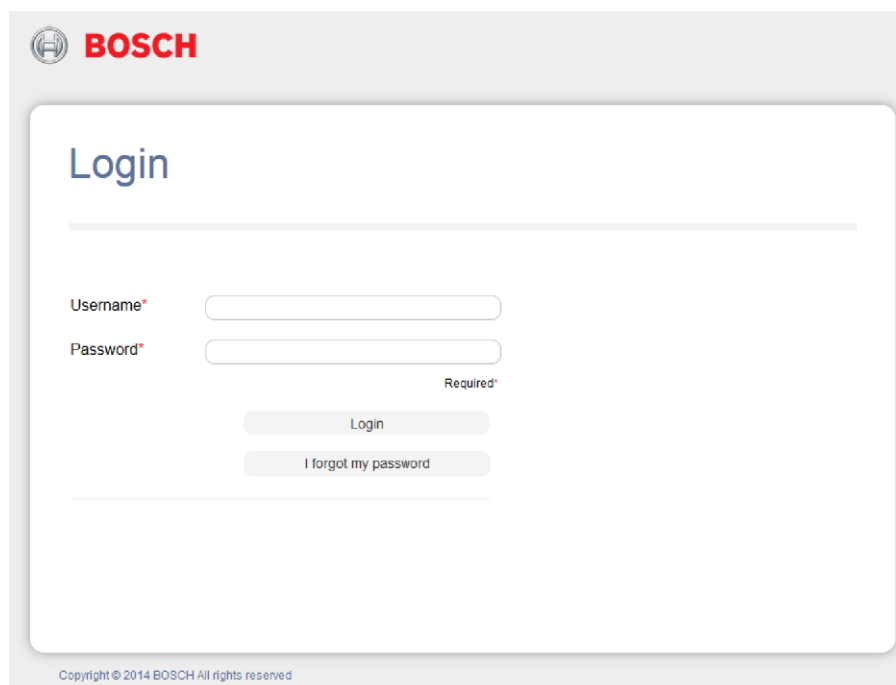| Callout~ Description	G100	G450
1~Power LED	X	X
2~Internet LED	X	X
3~Wi-Fi LED		X
4~Z-Wave LED	X	X
5~Cloud LED		X
6~ZigBee LED		X
7~Bluetooth LED		X

G450 overview

Log in to Your Account

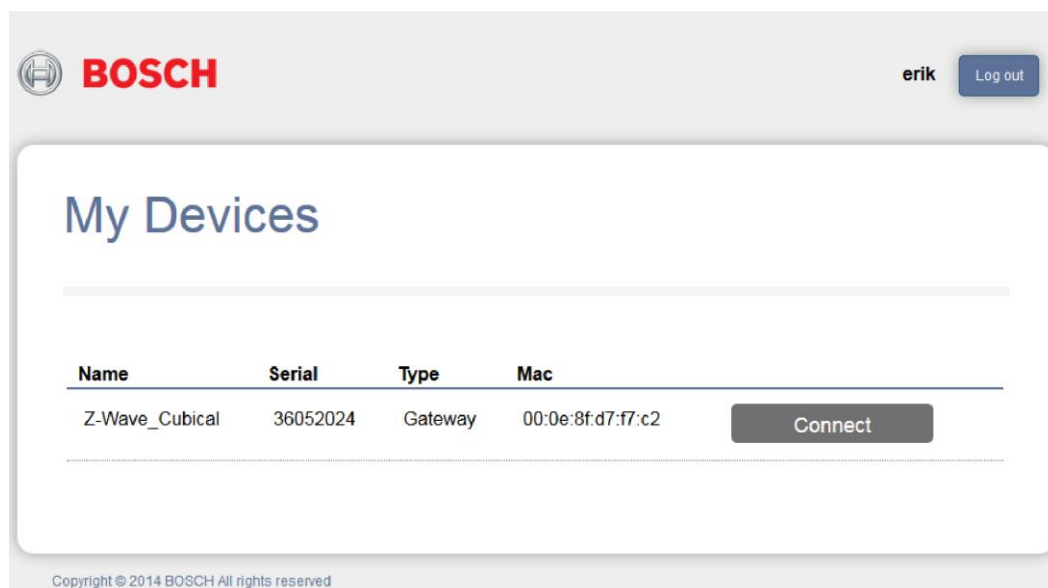This section describes basic information on logging into your account.

Logging in:

1. Go to http://bosch.mios.com. The login page opens.
2. From your welcome email, insert your credentials (Username and Password) and click Login.

BOSCH

Login

Username* [   ]

Password* [   ]

Required*

[Login]

[I forgot my password]

3. Select the gateway you want to log into and click the Connect button. This is a convenient way to control different gateways from a single account (one in your home, another in your summer cottage). A status window briefly appears stating that the connection is in progress.

BOSCH   erik [Log out]

My Devices

Name	Serial	Type	Mac	
Z-Wave_Cubical	36052024	Gateway	00:0e:8f:d7:f7:c2	Connect

4. The dashboard appears. The dashboard is your control center for the Home Control Gateway. The appearance of your dashboard may vary slightly from the one below, depending on the devices you install.
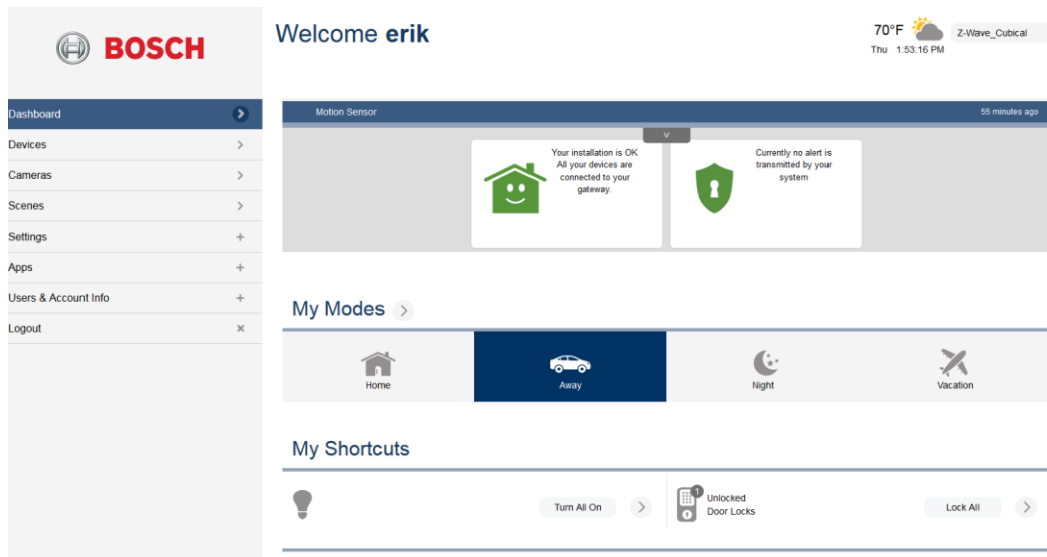
Refer to the next section for details about including new devices.

Include (Add) Devices

The **Home Control Gateway** wirelessly communicates with other controllable **Home Control** devices through an initial process called "pairing". For many devices, the Gateway supports a guided installation through a device installation wizard. This process walks you through all necessary steps to pair (include) your device.

Pairing devices in close proximity

1.   Locate the device you want to pair.

2.   Place the device within 30 feet of the **Home Control Gateway**.

3.   Go to "Devices" and click "Add Device" to start the wizard.
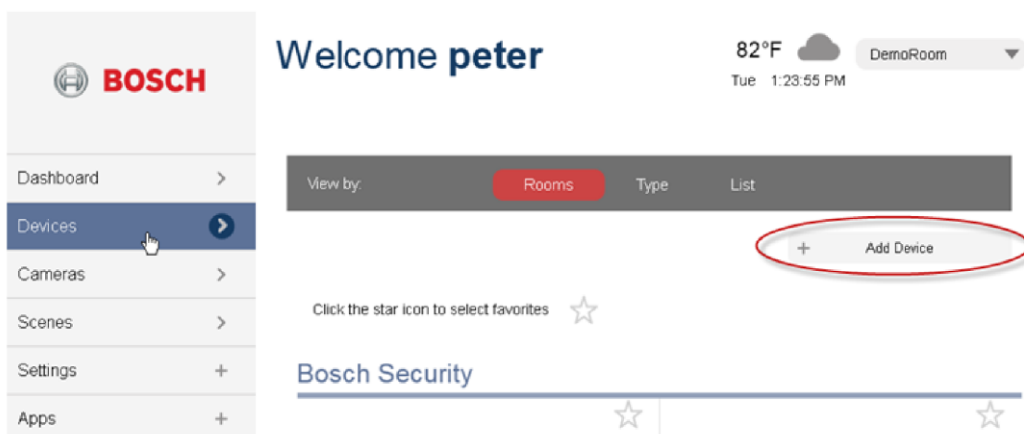
4.   Click on the appropriate device category (plus symbol).

5. Select the device type and model number that you want to install and click the ⟩ symbol next to it. Follow the instructions on the screen.
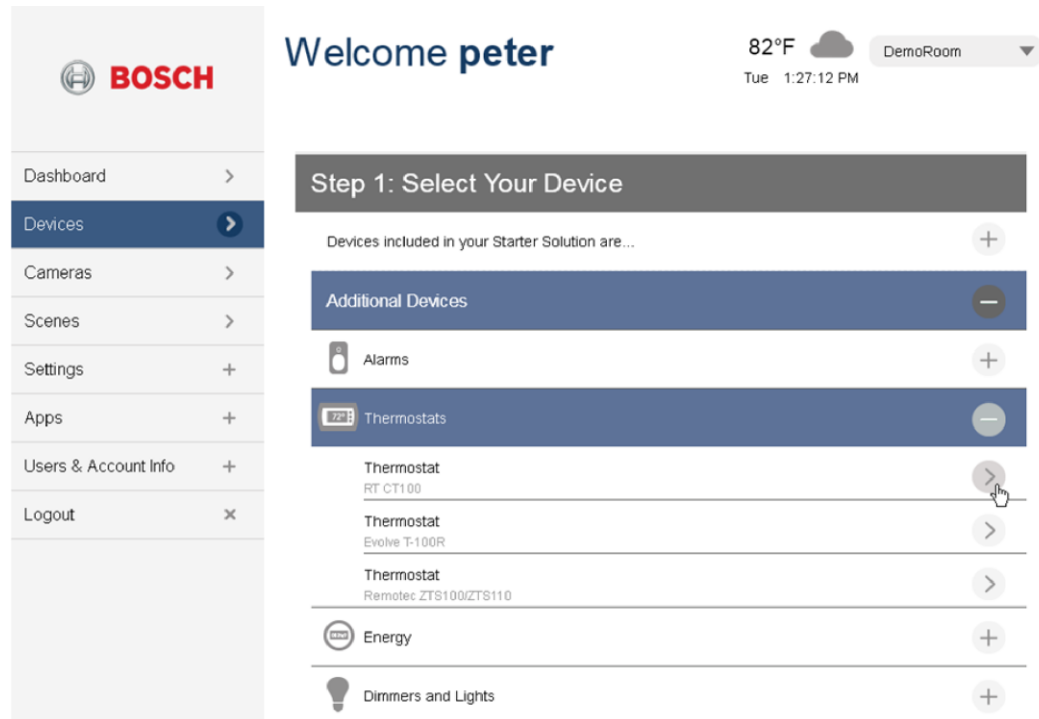
Notice
ⓘ
Your Bosch Security Dealer has already installed your Bosch Security System. You will not find this device within the Device installation wizard.

Pairing Installed Devices with a Battery Powered Home Control Gateway

Sometimes controllable devices in your home are not easily moved within pairing distance of the Gateway. For example, a light switch that is already installed on a wall in another room, or a door lock. For these situations, the Gateway includes a battery pack (G100 only) that allows you to disconnect the Gateway from the power cable and bring it to the installed device. This step is optional, but if you do have pre-installed or otherwise non-movable controllable devices that you want to pair with the Gateway, please perform the following:

1. Disconnect the Gateway's network cable and power cable (the one that goes into the wall outlet) and press and hold the battery ⊟ button (G100 only) for 5 seconds. Doing so causes the Gateway to power up in battery mode.

Notice

G100 only: blue LED will flash during the startup process. The blue LED illuminates continuously and the orange LED flashes once per second when it has completed the startup process. You're now ready to walk with the Gateway anywhere around your home to pair controllable devices.

2.	Locate the device you want to pair.

3.	Press the ⊞ button to set the Gateway to enter inclusion mode. Refer to the "pairing" or "inclusion" section of your device's documentation for more information related to completing the pairing and/or inclusion process. The orange LED flashes rapidly for 3 seconds to indicate a new device was paired successfully.

4.	Press and hold the ⊞ button for 5 seconds until all LEDs go off to save your changes. The Gateway exits the inclusion mode and turns off the battery mode.

Notice

G100 only: If you want to exclude a device, follow the above mentioned steps, but press the ⊟ button instead of the ⊞ button. To exit, hold the ⊞ button for 5 seconds until LEDs go off. This will save all changes.

User Interface Features (for web and mobile apps)

The Home Control Gateway provides a variety of interactive features accessed through a web browser, or through the use of a mobile device and supporting app. Refer to the list below:

● Card Carousel. This feature allows you to quickly view the current state of the system. The left card shows the connection state of all devices, and the right card shows if any of the security devices require your attention.

● House Modes (My Modes, Preset Modes). House modes are easy to use; pre-defined settings that allow you change your home automation configuration without the need to create scenes. This allows you to quickly toggle between the four presets (modes). These presets are optimized for their immediate use. You may adjust presets by using the ⟩ button. This opens the configuration menu.

● Weather widget (Web UI). The weather widget shows the temperature and current conditions for the city you choose. It also shows the local time of the device's location.

69°F

Thu 12:31:51 AM

- Event notification bar. The notification bar shows the latest events that occurred on the unit. Access the notification bar by pressing the pull-down button ▾. Select events from the drop-down list.

- Turn All On/Off. This option allows you to quickly turn on, or off, all of your light switches:

Turn All On

The numeric badge icon shows how many lights are on.

- Lock/Unlock All door locks. This option allows you to quickly lock, or unlock, all of your doors:

Unlocked Door Locks

Lock All

The numeric badge icon shows how many doors are currently unlocked.

Mobile Devices and the Remote Security Plus app

In addition to using the web browser for configuration and control, you can also perform the same tasks by using the Remote Security Control Plus app from your mobile device (e.g. smart phone, tablet). Both Android and iOS devices are supported by the app.

To control with a mobile device, download and install the Remote Security Plus application from Apple's App Store (www.itunes.apple.com), or from Google Play (www.play.google.com).

Perform the following:

1. Launch the application and log in using the same credentials used when accessing the web browser dashboard. Depending on the operating system of your smart phone, you might see one of the following screens.

2. Your dashboard window appears with the following preset modes (My Modes) as well as Shortcuts and your Favorite devices.
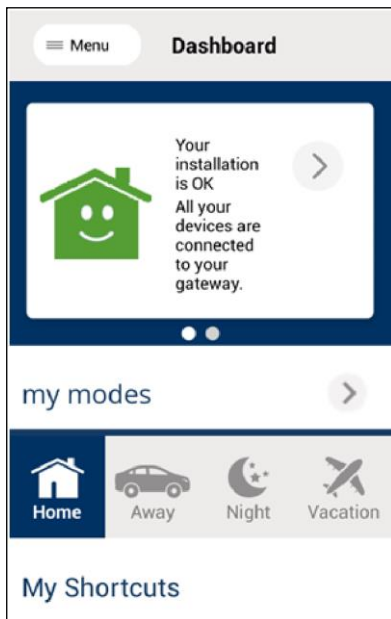
3. Open the menu by clicking on Menu, or by sliding over your screen from left to right, depending on your device.

4. Select Devices to view and control your devices.

5. Select Scenes to create or modify scenes using your mobile app. Follow the instructions on the screen.
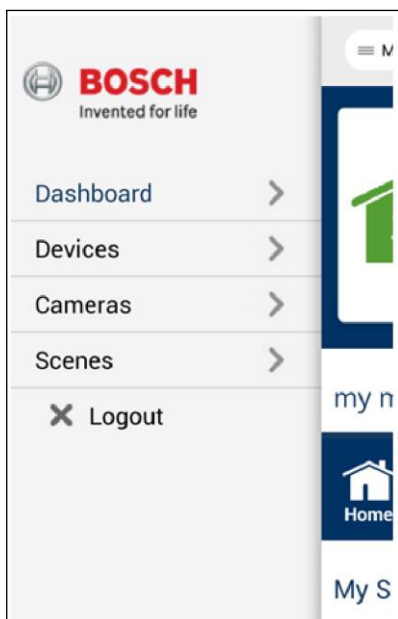
Plan your Goals

The Home Control Gateway and its components let you monitor, control, and automate many devices around your home. You and your smartphone (or PC or tablet) communicate with these devices. Such devices include cameras, door locks, lighting controls, and other supported devices. These devices can work independently, or in groups that work together, like a thermostat that turns itself down when it sees bright sunlight from a daylight sensor, and back up again when it gets dark.

Proper planning and coordination are essential when utilizing the capabilities of the gateway in conjunction with your Bosch Security System. Understanding your current environment gives you a clearer picture as to how you want to automate your living space, and how you might improve it through the use of home control functionality.

Monitoring and Security Applications

One popular application is monitoring and operating electronic door locks. When your child gets home from school and unlocks the door, the Home Control Gateway can send you a text message or an email. You can view a still image, live or recorded video, from your computer or smartphone to be certain that your kids are home safe and didn't bring unwelcome guests. You can view live video from inside your home to check in on the babysitter while you are out, and so on.

In the security and monitoring examples above, you use a powered door lock, a video camera and perhaps a motion detector. Most of these devices talk to the gateway through Z-Wave, ZigBee or Wi-Fi, interoperable standards in wireless control. How many of these devices will you need to connect? It all depends on what you want to accomplish.

Energy Management Applications

With the Home Control Gateway you can remotely, and automatically, create a household that runs at maximum energy efficiency with reduced energy bills. You can create "scenes" that adjust lights and climate to pre-determined settings that you control with one touch or that react automatically to changing conditions. You can remotely turn appliances off or on for example, turn off the lawn sprinkler when it starts raining or turn up the thermostat to warm the house when you're on your way home.

For many energy management applications, there are a wide range of plug-in and wall-mounted lighting switches that make any light remotely controllable. The Home Control Gateway is compatible with Z-Wave, ZigBee, and Wi-Fi thermostats. There are many plug-in modules that control indoor and outdoor appliances. And to make any device "smart", simply plug in a SmartSwitch, which not only allows you to control whatever you plug into it, but also to monitor that device's energy consumption over time.

Wellness Assistance Applications

The Gateway helps you protect your independent elderly loved ones by keeping you connected with them and helping to monitor and assist them. The Gateway can notify you if there is no motion in your loved one's home, so you can check in and get help. The Gateway can also turn on lights when motion is detected, so there's no more fumbling for the bathroom light or dangerous stairwell lights in the middle of the night.

Vital assistance like this provides security for both caretaker and the cared for, and is accomplished by adding compatible motion sensors and enabled lights. You can add home controlled window shades and daylight sensors, so it is no longer a strain for your loved ones to let light into the room.

Convenience Applications

With the Home Control Gateway and a mobile device, you can simplify your morning or evening routine. Simply touch one button to shut down, lock up and arm your house; no more running around to turn off every light, set the alarm and thermostat, and check that the doors are locked.

These tasks are simple with the Home Control Gateway and the many different Z-Wave, ZigBee and Wi-Fi products and adapters on the market. You simply add one to each device, or application, that you want to remotely monitor or control.

Before you move forward on how to "Automate your home", where you'll learn how to control the gateway, take a few moments to ask yourself what kinds of monitoring and control tasks you'd like to accomplish, and what kinds of devices would help you accomplish them.

Possibilities are endless within the home control spectrum when using the Home Control Gateway!