Garage door systems and doors
Doors and frames
Industrial door systems
Docking and logistics systems

novoferm

Intelligent Door Solutions

Open Gate

A NEW GENERATION OF GARAGE DOORS

SMART TECHNOLOGY FOR SECTIONAL GARAGE DOORS FROM NOVOFERM

www.novoferm.com

SMARTHOME – MAKING LIFE MORE COMFORTABLE

A SmartHome provides a multitude of benefits. Connecting and automating different types of equipment and functions (e.g. lighting and heating) noticeably increase living comfort. It's therefore not surprising that smart technology is currently on everyone's lips – or rather in everyone's hands because smartphones and tablets are indispensable here. Many functions around the house and garage can be intuitively and simply operated via an app on your own smartphone. Novoferm works with its SmartHome partners to provide the appropriate technology for sectional garage doors.

homematic IP

H

innogy

NEW

I

DELTA DORE
Smart is the new power

D

CLIMATE & ENVIRONMENT

LIGHT & SHADE

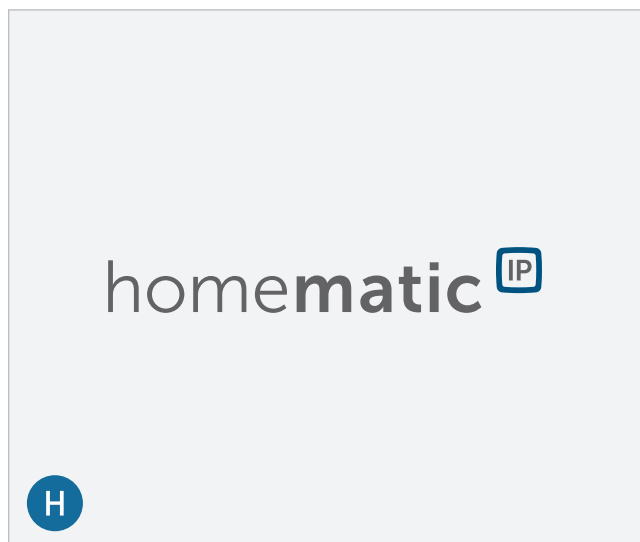ROOM CLIMATE & VENTILATION

ALARMS & SECURITY

GARAGE DOORS & CONVENIENCE

OUR SMARTHOME PARTNERS

HOMEMATIC IP

When required, Homematic IP can be used to operate every area of a SmartHome. Plug & play enables the system to be retrofitted and put into operation immediately. Homematic IP provides an app-based practical and user-friendly solution whether for complete SmartHome systems or just to control garage doors.

Learn more about the options from Homematic IP at **www.homematic-ip.com** or contact our SmartHome partner for advice.
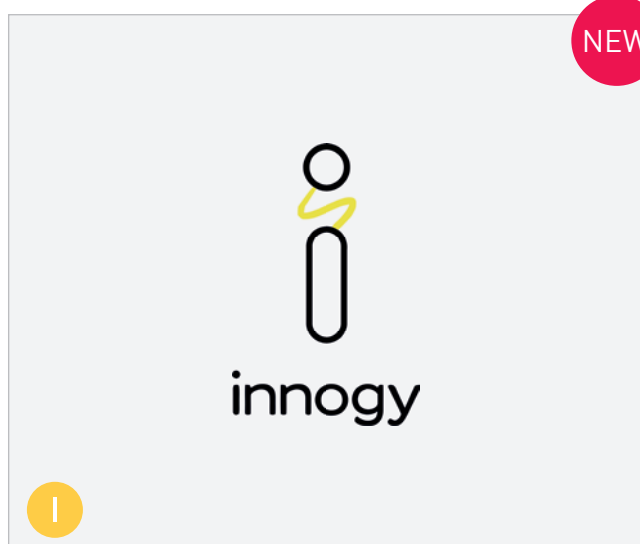
INNOGY

innogy SmartHome systems and apps provide secure and comfortable living. innogy enables heating, lighting and electrical equipment to be connected and operated while at home or on the go.

Learn more about the options from innogy systems at **www.innogy.com** or contact our SmartHome partner for advice.
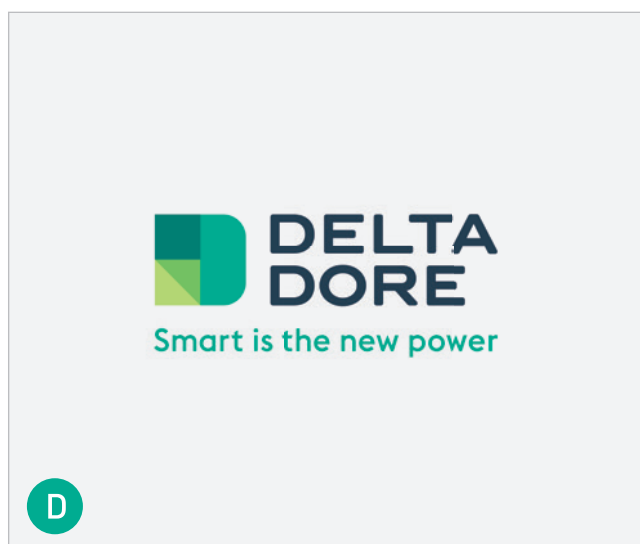
DELTA DORE

You can operate heating, shutters, lights, alarm centres and of course Novoferm sectional garage doors using the TYDOM app from Delta Dore. A broad range of functions make everyday life easier for users and are adaptable to individual needs.

Learn more about the options from Delta Dore systems at **www.deltadore.de** or contact our SmartHome partner for advice.

MAKING YOUR GARAGE DOORS SMART

Smart technologies are not only conquering the home, but also the garage. The benefits of smart sectional garage doors include opening and closing via app, intuitive operation and a broad range of smart door control functions.

To enjoy these benefits you'll need, in addition to a Novoferm sectional garage door and operator, the relevant app from one of our SmartHome partners. To use an app, the garage door operator is connected to a standard router via a SmartHome gateway and the Novoferm plug-in module. The entire solution is easy to set up via the partner's smartphone app. The apps are available for free for Apple and Android devices.

Are you already using a SmartHome system from one of our partners? Integrating your smart sectional garage door is no problem. But having an existing system is of course not required to operate Novoferm sectional garage doors via an app.

OVERVIEW OF BENEFITS

✓ Managing your entire smart home with one app

✓ Intuitive app operation using advanced gesture control

✓ Door operation and door status querying via smartphone and tablet

✓ Operator lights can be controlled with or without opening/closing the doors

✓ Ventilation position to optimally air the garage*

✓ Multiple sectional garage doors can be controlled from one app

✓ Optional direct control or for specific scenarios

✓ Voice control*

✓ Maximum flexibility via time- and location-independent operation

* Functions depend on SmartHome partner, components and release.

YOU CAN CHOOSE – WITH OR WITHOUT A SMARTHOME SYSTEM

SMART OPERATION OF GARAGE DOORS AS A STAND-ALONE SYSTEM OR AS PART OF YOUR SMARTHOME SYSTEM
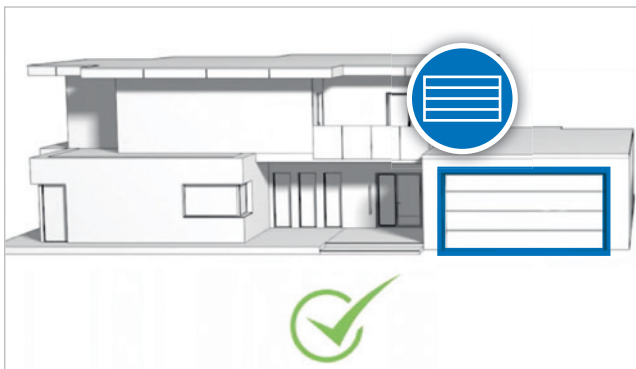
EASY TO OPERATE SECTIONAL GARAGE DOORS VIA AN APP

WITHOUT A SMARTHOME SYSTEM

An existing SmartHome system is not required to operate your sectional garage door via an app.

Just install the Novoferm plug-in module, a standard router and the SmartHome gateway from the selected SmartHome partner to control the sectional door and/or operator. If you are considering making your house "smart", smart garage door operation can be the first step.

Possible with **H** **I** **D**

INTEGRATING SECTIONAL GARAGE DOORS AS A NEW FUNCTION INTO THE SYSTEM

WITH AN EXISTING SMARTHOME SYSTEM

Once you have experienced the benefits of a SmartHome system, you won't want to do without it. Gradually automating your home will provide added comfort and security for everyday living. The garage should be no exception.

By choosing a Novoferm sectional garage door, you can simply integrate it into your existing system as a new function. Our technology is compatible with all common SmartHome systems and all functions can be controlled using a single app.

Possible with **H** **I** **D**

H Homematic   **I** innogy   **D** Delta Dore

SMART NOVOFERM GARAGE DOOR OPERATORS

To make your sectional garage door smart, you need an operator that is compatible with the intelligent technology of our SmartHome partners. Novoferm therefore offers a variety of operators: NovoPort®, Novomatic 423 and 563 S. All operators are characterised by the latest designs, high energy efficiency, low operating costs and safe technology.

NOVOFERM PATENT

NOVOPORT®

· Integrated LED lighting (1.6 W)

· Low power consumption in standby mode (0.5 W)

· Easy to operate, with user-friendly menu

· **Integrated push-button to open the sectional garage door**

· Soft start and stop function

· **Innovative and flexible side installation**

· Operation possible using a smartphone, tablet or tamper-proof remote control

· **Query door status (open/closed) using the "Mini-Novotron 523 Protect" remote control via bidirectional radio or smartphone**

NOVOMATIC 423

· Integrated LED lighting (1.6 W)

· Low power consumption in standby mode (0.5 W)

· Easy to operate, with user-friendly menu

· Soft start and stop function

· For ceiling installation

· Operation possible using a smartphone, tablet or tamper-proof remote control

NOVOMATIC 563 S

· Integrated LED lighting (1.6 W)

· Low power consumption in standby mode (0.5 W)

· **Integrated quick-action function (increases garage door opening speed by up to 50%)**

· Easy to operate, with user-friendly menu

· Soft start and stop function (ramp)

· For ceiling installation

· Operation possible using a smartphone, tablet or tamper-proof remote control

Novoferm sectional garage doors can be operated via an app with the purchase of the garage door operators mentioned here as well as their predecessor models (from model year 2016).

SMART DOOR OPERATING FUNCTIONS

app-based operation simplifies the use of sectional garage doors in many ways. In addition to opening and closing the door via an app, comfort is also enhanced by door status querying, operator-light control and automatic door opening/closing for ventilation.

GARAGE DOOR OPENING AND CLOSING BY APP

GARAGE DOOR OPENING AND CLOSING

Sectional garage doors have never been this easy to use. The doors are easy to open and close using an app and moving your finger over the touchscreen. From work or when on holiday.

Do you have two Novoferm garage doors? Even better! The apps enable two separate doors to be individually operated.

Possible with (H) (I) (D)

CHECK DOOR STATUS (OPEN/CLOSED ...) AT ANY TIME AND FROM ANYWHERE

DOOR STATUS QUERY

Sectional garage doors can be reliably and transparently operated using a smartphone or tablet. Users can also check the door status, i.e. whether open or closed, at any time and regardless of location.

Possible with (H) (I) (D)

EXTRA BRIGHT AND EFFICIENT: LED LIGHTS ON NOVOFERM OPERATORS

LED OPERATOR LIGHTS

Activate the operator lights with or without opening/closing the doors via an app. All Novoferm garage door operators are equipped with highly efficient LED lighting. The lights are 13 times brighter than conventional alternatives, consume less electricity and also have long service lives.

Possible with (H) (I) (D)
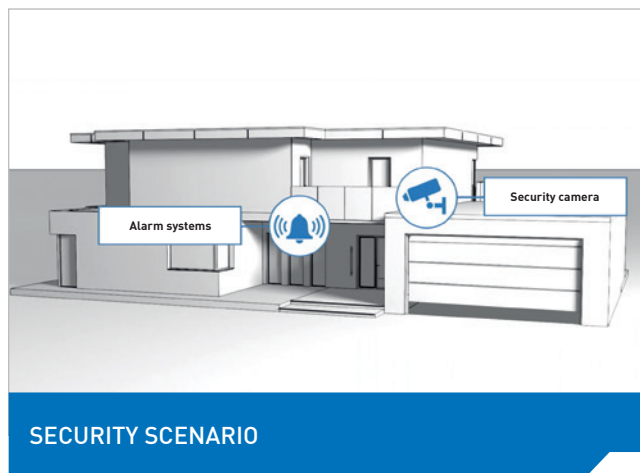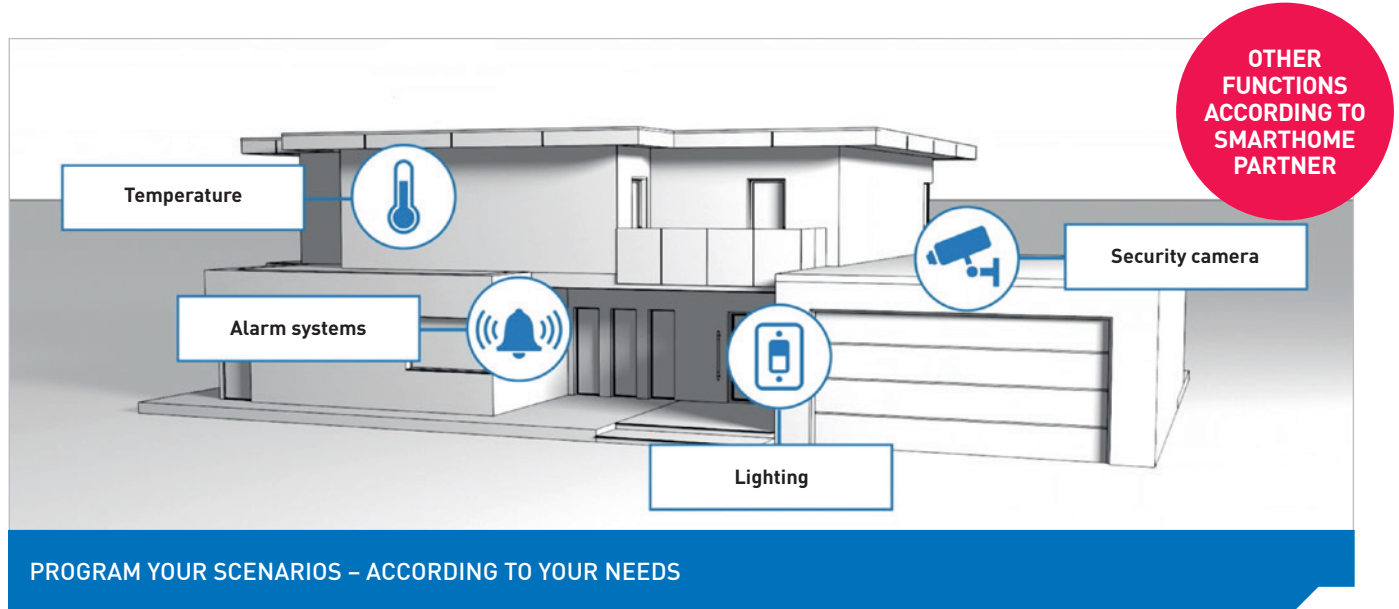

VENTILATION POSITION TO OPTIMALLY AIR YOUR GARAGE

VENTILATION POSITION IMPROVES AIR CIRCULATION WITHIN THE GARAGE

Exhaust fumes and humidity affect you garage's air quality. Regular ventilation can help here and ensures sufficient air circulation to prevent mould formation. The door is easy to move into the ventilation position by app, i.e. the door opens by 10 cm to allow airing.

Possible with (H) (I)

(H) Homematic   (I) innogy   (D) Delta Dore
*Functions depend on SmartHome partner, components and release.

CREATE YOUR OWN SCENARIOS

A great advantage of smart technology is that systems and equipment can be tuned to your specific requirements. Garage doors are no exception. Individual scenarios can be used to adapt garage doors to the routines of their users. For example, security scenarios can be set up to protect the car as well as the house entrances.


OTHER FUNCTIONS ACCORDING TO SMARTHOME PARTNER

Temperature

Security camera

Alarm systems

Lighting

PROGRAM YOUR SCENARIOS – ACCORDING TO YOUR NEEDS

Alarm systems

Security camera

SECURITY SCENARIO

FEEL COMPLETELY SECURE

A smart sectional garage door not only contributes to your comfort, but also to your security. You can integrate a garage door into your smart security and surveillance technology according to the components you use. For example, to deter burglars, you can program an outdoor light to activate and a security camera to record an image whenever the garage door is opened after 8 pm.

Detailed example scenarios can be found at www.youtube.com/NovofermVideos

Temperature

Lighting

VENTILATION SCENARIO
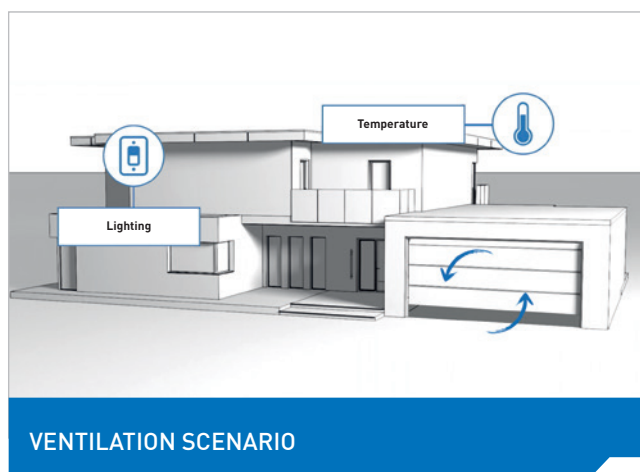
OPTIMAL VENTILATION

Would you like your garage door to open automatically when the garage becomes too humid? Then program an appropriate ventilation scenario.

Specify that the garage door will automatically move to the ventilation position when sensors detect humidity. The door will re-close after 60 minutes when not manually closed beforehand. It can therefore never remain open unintentionally.

Detailed example scenarios can be found at www.youtube.com/NovofermVideos

Functions depend on SmartHome partner, components and release.

THE NECESSARY SMARTHOME COMPONENTS

The following components are required to operate Novoferm sectional garage doors via an app. Additional components from our SmartHome partners are required to create individual scenarios.

NovoPort®   Novomatic 423   Novomatic 563 S
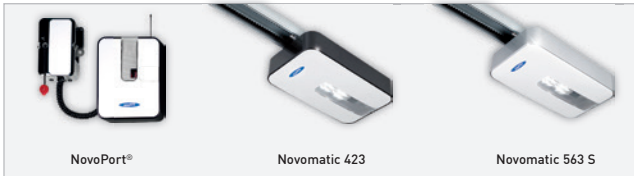
NOVOFERM GARAGE DOOR OPERATORS
The Novoferm operator is installed in the garage and connected to the relevant plug-in module.

Available from: Novoferm stockists / sales partners

NEW

OPTO SENSOR FOR GARAGE DOORS
When doors are operated via an app or when the doors are not in sight of the user, an opto sensor is required which detects obstacles and automatically stops the closing process.

Available from: Novoferm stockists / sales partners

NOVOFERM PLUG-IN MODULE
The plug-in module is connected to the garage door operator via a mini-USB interface. It establishes a connection to the SmartHome gateway.
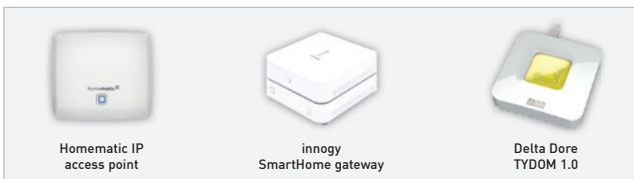
Available from: Novoferm stockists / sales partners

STANDARD ROUTER
The standard router is connected inside the house. If you already have a router connected to the internet, you can use this.
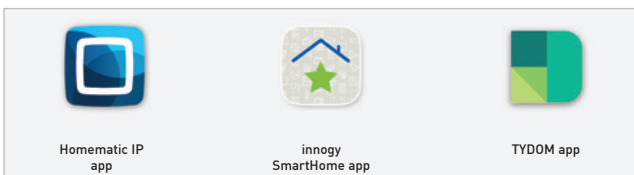
Available from: electronics retailers, for example

Homematic IP   innogy   Delta Dore
access point   SmartHome gateway   TYDOM 1.0

SMARTHOME GATEWAY FOR ROUTER CONNECTION
Transfers data between all SmartHome components.

Available from: Novoferm stockists / sales partners or from electronics retailers

Homematic IP   innogy   TYDOM app
app   SmartHome app

APPS FROM SMARTHOME PARTNERS
You can configure the SmartHome system and operate the Novoferm sectional garage door using apps from SmartHome partners.

Available from: the App or Google Play Store for free
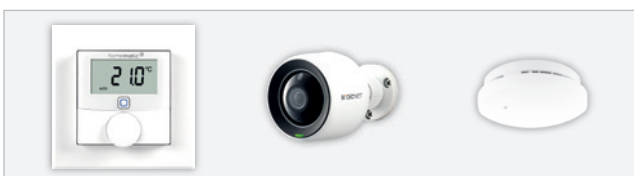
COMPONENTS FOR INDIVIDUAL SCENARIOS
Shutters, thermostats, cameras and lights can be automated with additional components whose availability depends on the relevant SmartHome partner.

Available from: electronics retailers, for example

INSTALLATION AND CONFIGURATION

To enable sectional garage door operation via an app or to integrate doors into a SmartHome system from one of our partners is relatively simple. The steps below are basically the same for any system. Any special features are explained in the specifications supplied.

PREPARATION FOR INSTALLATION: WHAT YOU NEED FOR SMART DOOR OPERATION

REQUIREMENTS

Components: Sectional garage door, garage door operator and plug-in module from Novoferm, SmartHome gateway from the relevant partner, standard router with internet connection and the SmartHome app from the partner.

The smart garage door components can be installed after the sectional garage door and operator have been installed by a qualified Novoferm sales partner.

THE HEART OF THE SMARTHOME SYSTEM
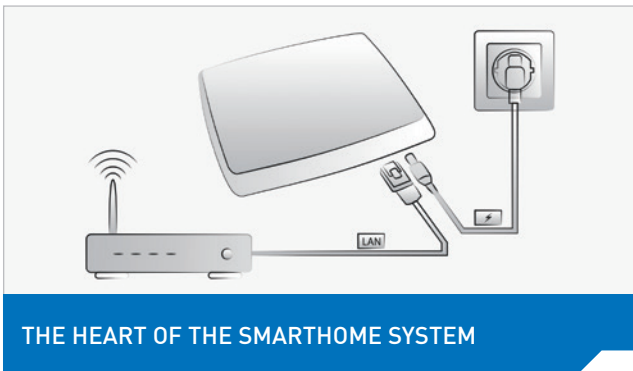
INTEGRATION OF THE SMARTHOME GATEWAY

The SmartHome gateway manages communications between the individual SmartHome components. It is connected to the mains in the house and to the router via a LAN cable. An internet connection is required so that the gateway can also be operated remotely.

Please observe the specific instructions of the relevant manufacturer! To be able to operate the Novoferm sectional garage door, the gateway must first be configured in the apps from the SmartHome partners according to the instructions.

INTEGRATING THE OPERATOR INTO A SMARTHOME SYSTEM
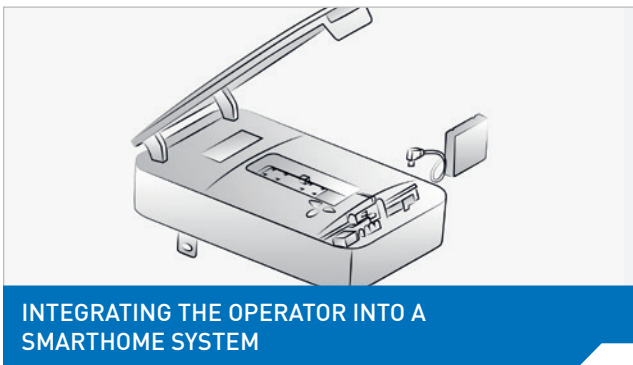
CONNECTION – SMART OPERATOR WITH PLUG-IN MODULE

Once the SmartHome gateway has been set up, the operator can be integrated into the system. To do this, open the operator's cover. A mini-USB interface can then be found to connect the plug-in module.

Note: After plugging in, the module automatically enters a "teach mode" for a limited period of time. After going through the "teach mode", the module needs to be removed and re-plugged in.
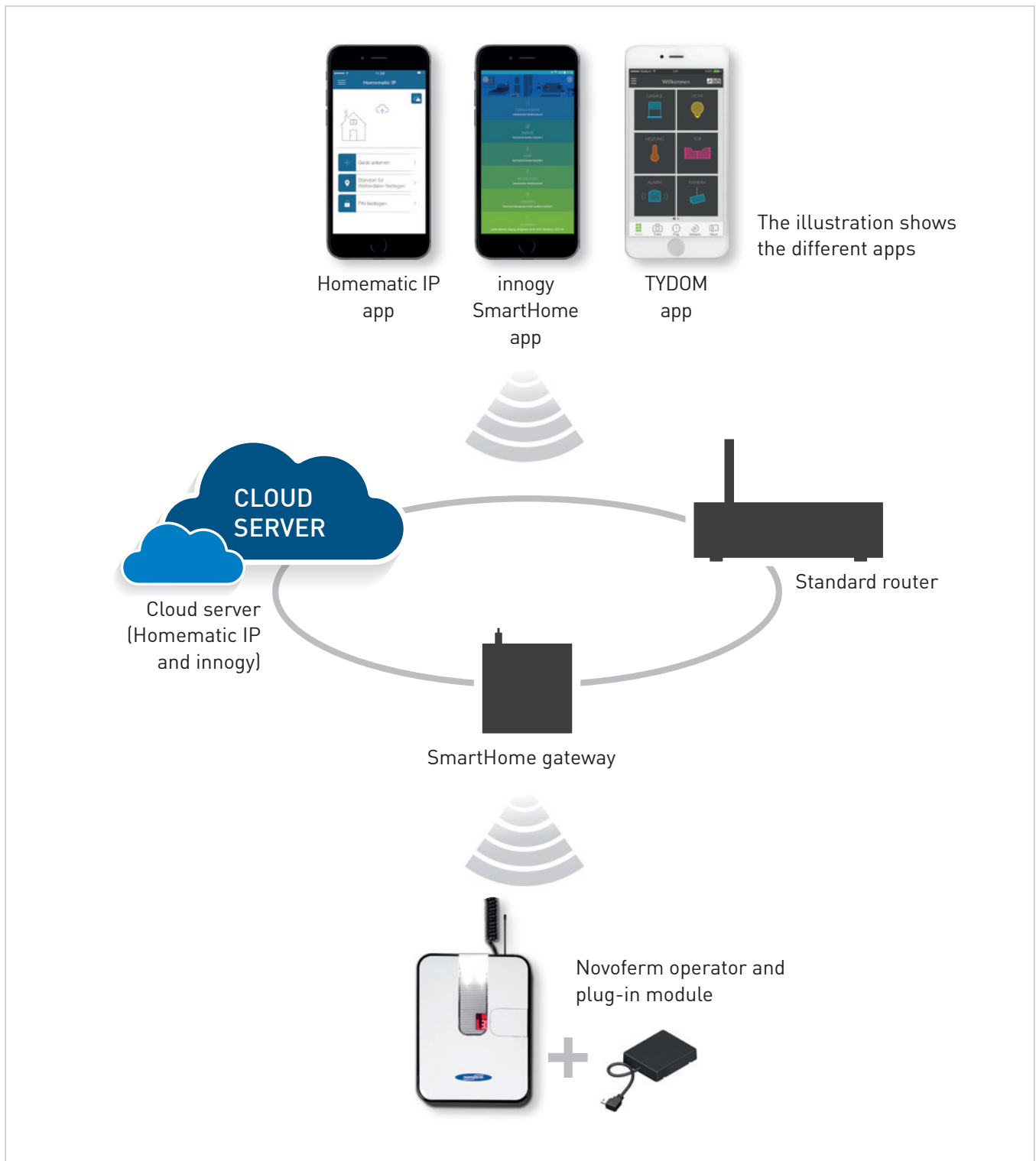

COMPLETE CONFIGURATION
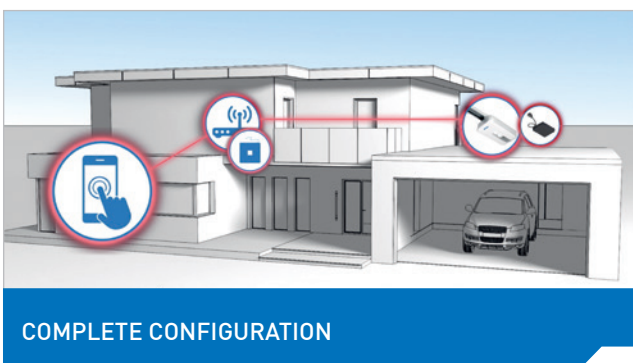
SET UP APP

Start the app and assign the plug-in module to the SmartHome gateway. Activate the "Teach devices" in the app. The plug-in module is now displayed as a new device. A part of the serial number may need to be entered. Once the operator has been included, it is assigned to various categories/rooms (outdoors, garage, etc.). This is necessary for operation and automation (lighting, alarm scenarios, etc.).

Configuration varies depending on the SmartHome partner.

CONNECTIVITY BETWEEN ALL SMARTHOME COMPONENTS

Homematic IP app

innogy SmartHome app

TYDOM app

The illustration shows the different apps

CLOUD SERVER

Cloud server (Homematic IP and innogy)

Standard router

SmartHome gateway

Novoferm operator and plug-in module

+

FURTHER INFORMATION

Further information is available under www.novoferm.com

The "SmartHome - Control your Novoferm garage door via an app" video at www.youtube.com/NovofermVideos

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