

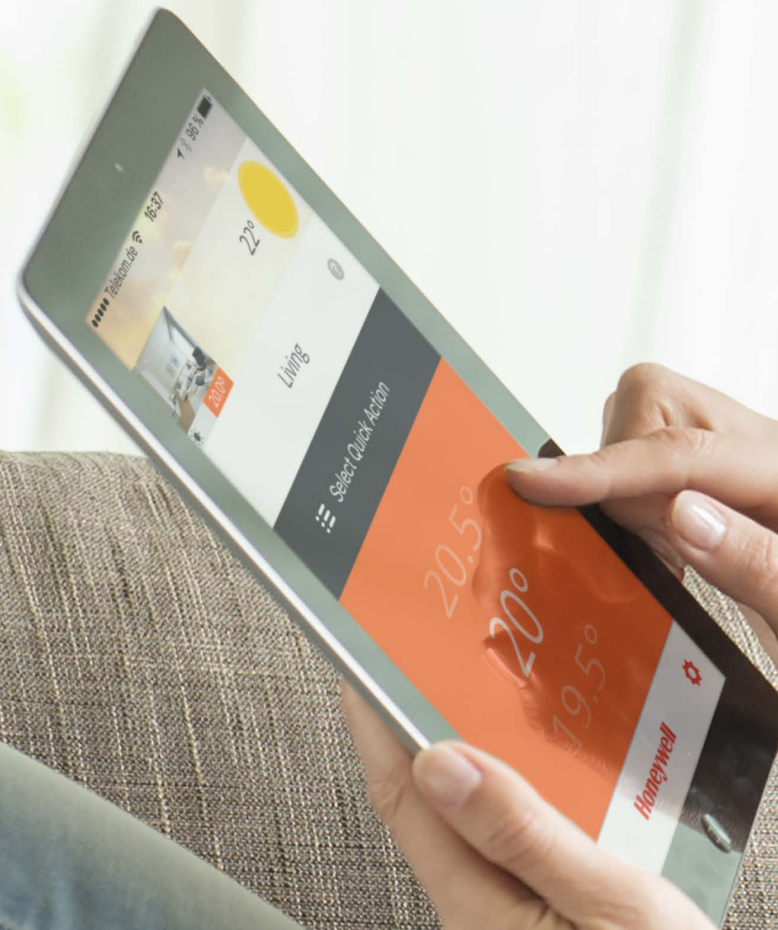
Honeywell | Smarthome

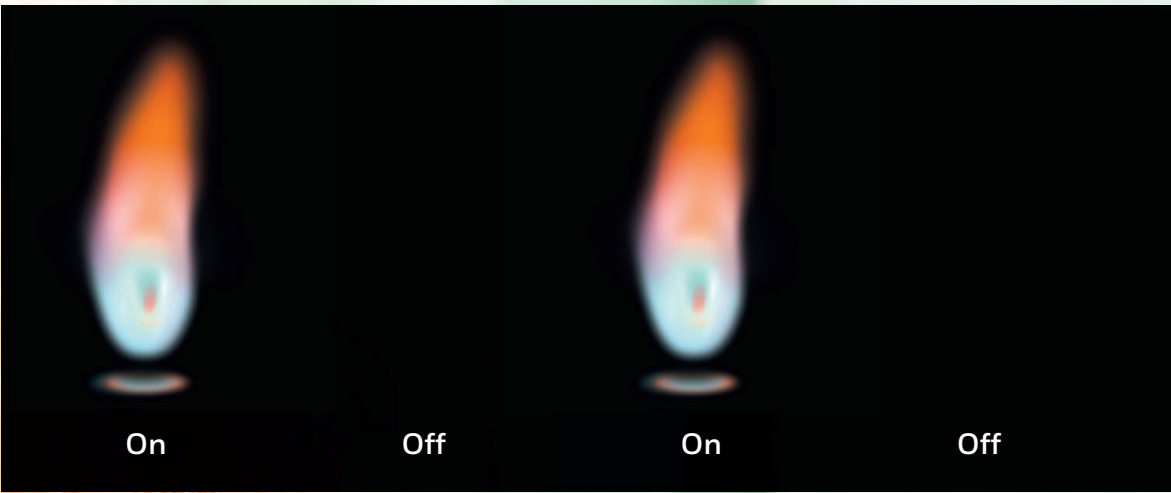


SMILE – A SMILE CONNECTS

Start-stop automation for your heating system

Smile – Start-stop automation for your heating system





On: When heat is requested, the heat generation switches on automatically and supplies heat.
Off: When heat is not requested, the heat generation automatically switches off.

You surely already know the term “start-stop automation” from the automotive industry. The automatic system reduces fuel consumption of motor vehicles in standing phases. The motor shuts down when the vehicle

comes to a halt at a stop light and starts back up automatically when it is time to continue the journey. This saves petrol and sustainably reduces CO₂ emissions. The start-stop automation in your heating system

functions in line with the same principle and with the same sustainability. If the individual room control is not requesting heat, the heat generation automatically shuts down. Heat is only supplied on demand.

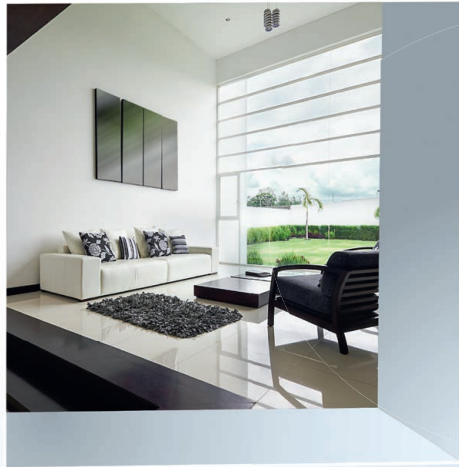
Therefore, no heat is needlessly wasted in standby mode. This makes your heating system in daily operation entirely demand based, uniquely energy efficient and extremely environmentally friendly.

Smile – Control room temperatures more comfortably and efficiently than ever before



The Smile-App controls everything with a smile.





21°C
Living room

Residential or
vacation property

The Smile-App now makes it possible to control your complete heating system (heat generator, hot water system, individual room control) with just a single app.

The desired comfort temperature setting can be adjusted anytime and from anywhere from a smartphone or tablet. It is best to just try to for yourself. Just download the

free Smile-App from the Apple App Store or Google Play for your smartphone or tablet and try it out in demo mode. Experience how easy and economical heating control

can be today and see for yourself what greater comfort and better controls feel like.



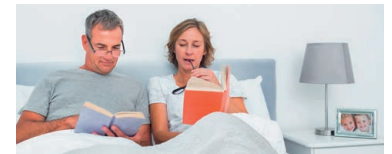
24°C Bathroom



21°C Kitchen



21°C Nursery

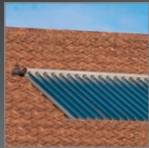


17°C Bedroom

Individual room control with intelligent time and temperature programs allows rooms to be heated only at specific times of use.

The result is heating cost savings of up to

30%.



Solar



Tiled stove



Boiler



District heating



Buffer memory



Smile – All heat generators, and data in your hand

Energy-efficient operation of all heat controllers with only one app

The Smile heat generation system combines and controls all heat generators, such as oil/gas boilers, solid fuel heating systems, solar systems, heat pumps, district heating systems, multistage boilers and complex multivalent systems. In addition to access to the hot water system, the app also provides comfortable operation of the individual room control. This applies to floor heating as well as radiators.

Highest energy efficiency class VIII for up to 30% savings of heating costs

Smile heating control fulfills the requirements of the European ErP Guideline, which was enacted in September 2015, with distinction and is the best way to achieve a higher system label efficiency class for your interconnected installation (e.g., from A to A+++).



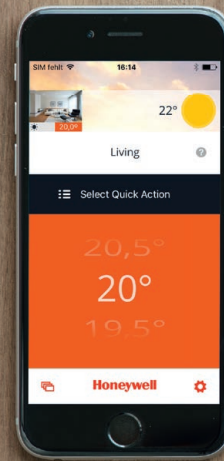
savings advantages, rooms

Use a single app to control room temperatures for up to 16 rooms

The Smile-App allows you to set and schedule room temperatures for up to 16 individual rooms easily and from anywhere using your smartphone or tablet. Room by room, day by day. Or just use the preset time and temperature programs.

Reliable system documentation, modern service options

The professional installer backs up all data on a USB stick after commissioning. A PDF document containing all of the settings is generated. If the professional installer is granted access to your system, he is directly notified in the event of a fault. This provides an additional level of operational reliability for the system.



Unrestricted, intuitive adjustment of room temperatures with a single app on a smartphone or tablet.



Smile – fast and easy installation



1 Individual room control
via radiators



2 Individual room control
via floor heating



3 Room control devices
(radio-controlled)



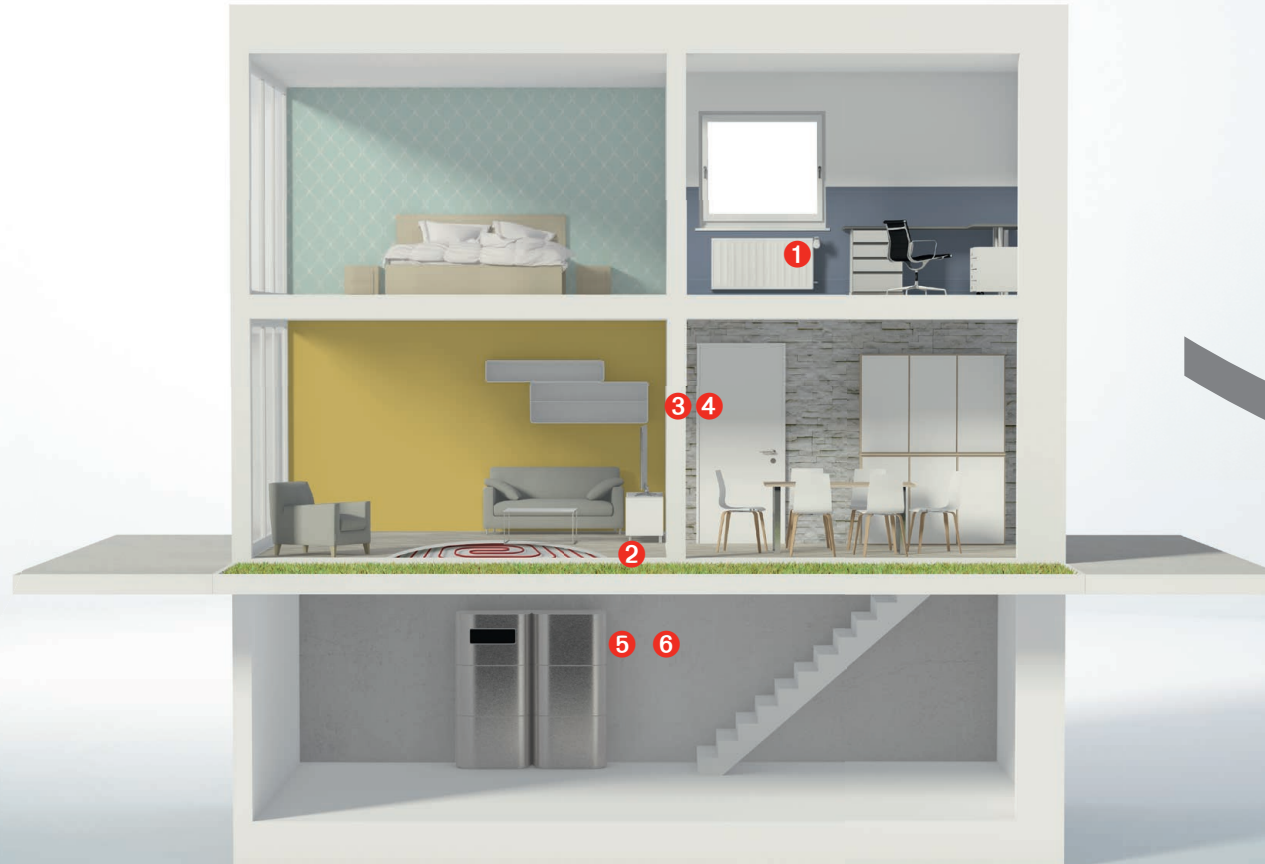
4 **Smile-Room-Connect**



5 **Smile-Connect**

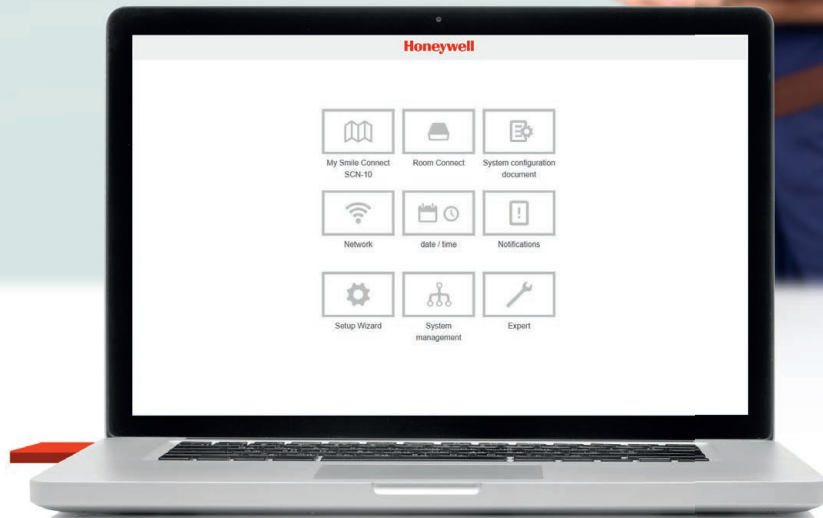


6 **Smile-Controller**



Radiators **1** and floor heating **2** are controlled by app or, alternatively, via remote-controlled room control devices **3**.

Smile-Room-Connect **4** and **Smile-Connect** **5** connect by way of W-LAN to the **Smile-Controller** **6** and thus the heat generation.



It takes a professional installer very little time to install the wireless Smile system, because wiring to the radiators and floor heating is unnecessary. The system settings and network

configuration is controlled by laptop or tablet, a standard browser and the setup wizard. Different access rights can be granted to user groups, such as residents, building managers

and professional installers. With authorization from the customer, the professional installer receives remote access rights to the system and is informed directly in the event of a fault.

This adds an additional layer of operational reliability for the system.

Smile – the system that is always connected,
easily and continuously

PRIVATE LIVING ROOM



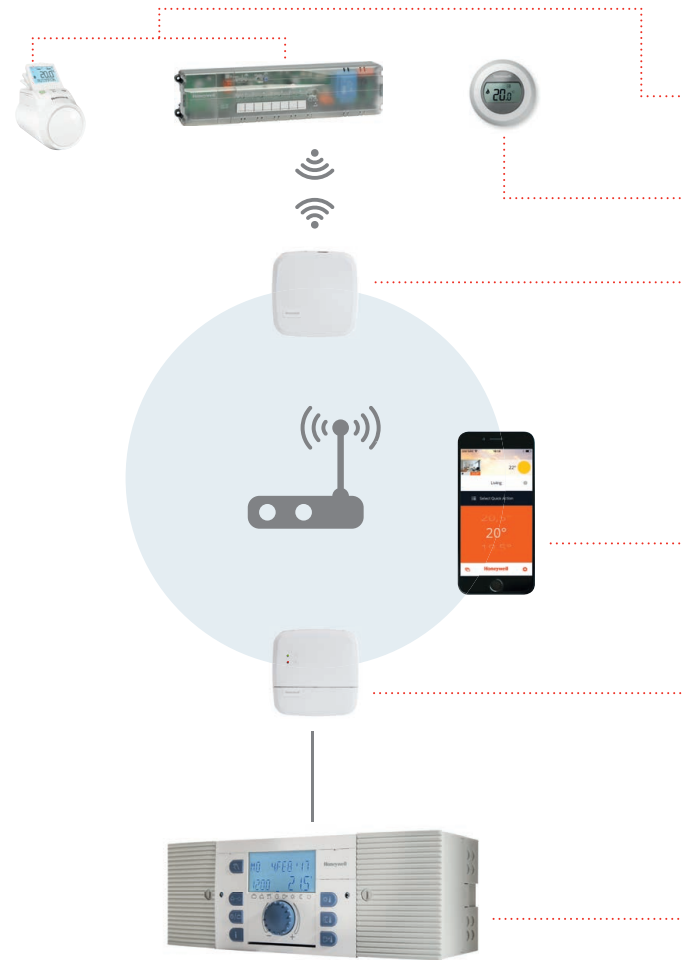
COMMERCIAL PROPERTY



PUBLIC INSTITUTION



The Smile System



HR92 and HCE80 are remote-operated controllers for radiators and floor heating. They communicate with Smile Connect using a radio protocol optimized for battery applications.

T87RF (also remote-controlled) is a room control device.

Smile-Room Connect wirelessly connects the Smile-App with the radiator and floor heating controllers in up to 16 rooms and facilitates the connection of the individual room control to the heat generator and thus the unique and continuous heating control to the Smile system.

Smile-App can easily and continuously access the heat generator via the individual room control. Heat output is thus only requested if heat is actually needed.

Smile-Connect connects the Smile-App to the Smile-Controller and thus the heat generation. This establishes the unique and highly efficient connection of heat consumers (radiators and floor heating) to the heat generator.

Smile-Controller acts as a multivalent to control all heat generators, such as oil/gas boilers, solid fuel heating systems, solar systems, heat pumps, district heating systems, multistage boilers and complex multivalent systems; the controller optimally coordinates all components and thus provides maximum energy efficiency.

The simplicity, consistency and efficiency of the Smile heating control system is apparent at first glance.

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