



SIEMENS

Comfort and superior energy efficiency through intelligent home automation

Convenient control and switching of HVAC systems, lights, blinds and more –
with the Synco living home automation system

Answers for infrastructure and cities.



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How would you like to have a comfortable home where you save energy costs every month? A pleasant oasis with a perfectly coordinated room climate? And the security of knowing that your home is always monitored even when you are not there?

Modern living can be this affordable

One system for your entire home

Synco™ living, the intelligent home automation system, turns your four walls into a secure and energy-efficient home. It is a reliable system that thinks along with you and controls many things in the background, including the room temperature and ventilation. Synco living controls your blinds, provides scene control functions, simulates your presence by turning lamps on and off, reports water damage and monitors doors and windows. In addition, a smart phone allows you to access the system at any time – from everywhere.

Comfortable and secure

Synco living's benefits include energy-efficient automation that reduces your energy consumption while making your living environment more comfortable. Many functions run automatically so you don't have to think about them or take action.

Not only does this eliminate many daily tasks, you also benefit from the system's reliability – extremely accurate values, precise control and great dependability. All components and functions are based on Siemens' many years of experience in building automation.

Adapting to your needs

In addition to easy operation, a comfortable room climate, energy efficiency and security, Synco living also offers a high level of flexibility. For example, if you determine that other scenes would be more suitable, you can customize Synco living to your new needs, either by programming new scenes or by reprogramming existing ones.

The Synco living home automation system makes your life more comfortable, lowers your energy and electricity costs and gives you a feeling of security.

Convenient operation – at home and on the road

With its convenient operation, your home automation system assists with your daily routine – either at home using the central apartment unit or from anywhere using your smart phone. Frequently recurring operations are easy to automate.

Intuitive user guidance

Synco living quickly and safely creates a comfortable room climate in your home. From the room temperature and air quality to lighting – all functions are user-friendly and easy to program. Using a tablet or smart phone, you can set the functions from the comfort of your couch, chair or bed. Conventional pushbuttons and operator units can also be used. Saved scenes simplify operation because one scene controls multiple devices at the same time. The “Movie” scene, for example, can lower the blinds and dim the lights. When you leave the house, a single press of a button turns off all lamps and the ventilation and lowers the heat to efficiency mode.

You can even interact with the system while you are away from home. Just use the free HomeControl app or Web access at any time to check whether the system is running smoothly and energy-efficiently. Settings can be changed by remote access as needed.

Easy recording of consumption data

The system also shows how much heat, air conditioning, water, electricity, etc. you have used. And you no longer have to let people into your home or arrange appointments for reading the meter. Instead, the consumption data can be read by remote access.

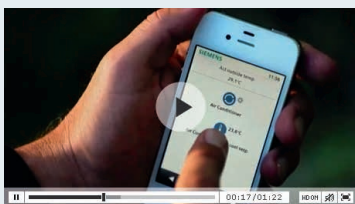
Did you know that ...

... you can operate your building automation system from anywhere using a smart phone or tablet?



HomeControl app from Siemens

Using the HomeControl app or Web access, you can remotely switch the room temperature to efficiency mode or turn up the heating if it turns out that you will arrive home earlier than expected.



www.siemens.com/app-homecontrol



The best climate for comfort – all year round

Nearly automatic comfort. Just tell the system when and where you want a specific room climate to be set. Everything else is automatic so you avoid overheated rooms.

Demand-based room automation

How would you like to come home to a preheated environment in winter or be greeted by a pleasantly cool one in summer? Synco living adjusts your heating and air conditioning based on time and demand. It automatically turns your ventilation and air conditioning plant on and off – using a time program or based on humidity and air quality. To protect rooms from sunlight or provide thermal insulation in winter, the blinds are lowered at the right time.

Flexible individual room control

What if you don't want the temperature of every room to be perfectly cozy? No problem. Synco living makes sure that your living room and bathroom are heated to a comfortable temperature while your bedroom, pantry or kitchen remain cooler. As a result, you maintain a perfectly adjusted room temperature throughout your home and save energy. To do this, you can set different values and times for each room. The system automatically ensures that the rooms reach the desired climate at the right time. In addition, the room temperature is always even and pleasant, thanks to maximum control accuracy.

Did you know that ...
... you can define different settings for each living area?



Consistent operation

Synco living offers operator and display units for different needs. The spectrum ranges from simplest operation from within the room or on the road using a smart phone, operation from a central apartment unit to professional PC tools during commissioning.



Saving energy – and protecting your investments

Help protect the environment by cutting your energy consumption and lowering CO₂ emissions: With Synco living, you benefit not only from a more comfortable and cozier living environment but also from a more energy-efficient home.

Reduced energy consumption

With Synco living, a comfortable and cozy environment goes hand in hand with low energy demand. Not only does the high-precision control system give you even heat, but you also reduce your energy consumption. Individual room control and timer programs prevent unnecessary heating of living areas. In addition, intelligent control functions save energy, for example, by turning off all lights with a single press of a button at the end of the day or shutting down the ventilation system and lowering the room temperature throughout the home when you go out.

Efficient automation and energy efficiency functions also have a positive effect on your electricity bill. Heating valves automatically close when windows are opened, which prevents unnecessary heating. At night, the system automatically lowers the room temperature to an efficiency level.

Transparent consumption data

You can read your consumption data in your home at any time. This helps you keep an eye on your costs and prevent unwanted developments early on.

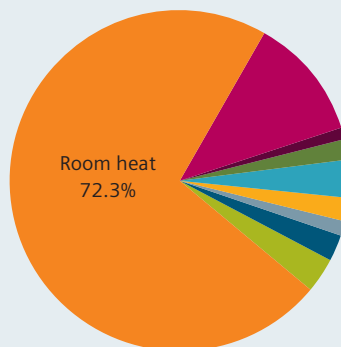
Did you know that ...

... you can reduce energy use by up to 30 percent through individual room control?



Cutting energy consumption

Approximately $\frac{3}{4}$ of the energy needed in the home goes to heating. Synco living can reduce thermal energy demand by as much as 30 percent.



Thermal energy consumption

- 72.3% room heat
- 11.8% hot water

Electrical energy consumption

- 1.0% air conditioning, ventilation, building services
- 2.1% lighting
- 1.4% washer/dryer
- 2.6% freezer/refrigerator
- 2.1% entertainment
- 3.2% other electrical appliances
- 3.5% cooking

Source: Bundesamt für Statistik (Federal Statistical Office), Switzerland, 2011

Reliable security – for your home and family

A watchdog for your home:
Synco living alerts you and your
family to dangerous situations and
makes it difficult for intruders to
enter your home.

Excellent all-around protection

Synco living takes good care of your home by monitoring your doors and windows. The system advises you against open windows when you are leaving. And when you're not at home, what can scare off uninvited guests before they even try to get inside? The presence simulator. Synco living turns the lights in the individual rooms on and off at different intervals, making it look like you are at home.

Early notification prevents damage

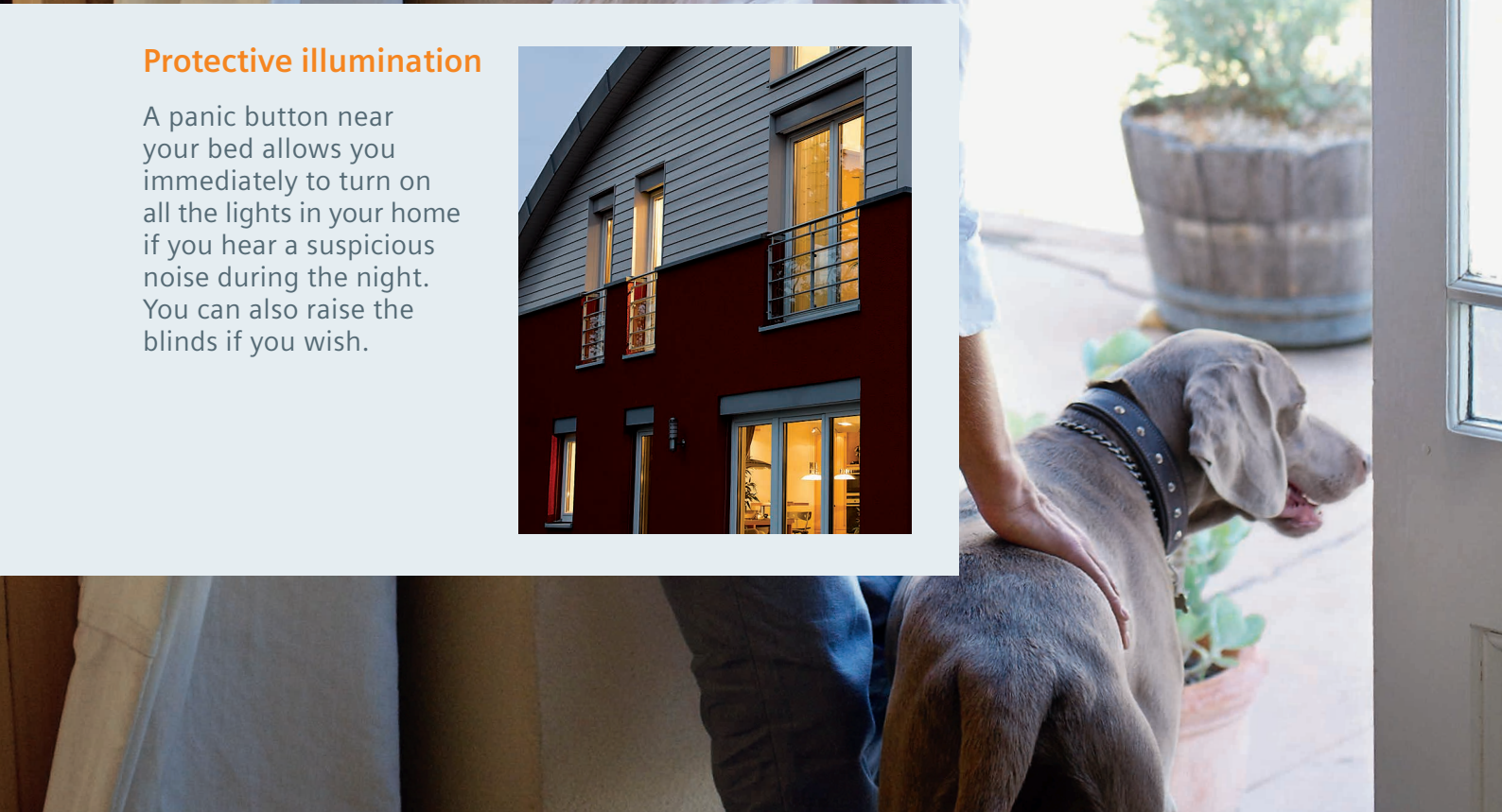
You are notified when water damage occurs. If water pools on the bathroom floor, in the kitchen or the laundry room, the system closes the shutoff valve in the main line, triggers an acoustic alarm and sends you a message by e-mail or SMS. This allows you to respond quickly to protect your carpets, wood floors and furniture against damage.

Did you know that ...
... your home can make it look
like you are there even when
you're on vacation?



Protective illumination

A panic button near your bed allows you immediately to turn on all the lights in your home if you hear a suspicious noise during the night. You can also raise the blinds if you wish.



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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract. The document contains a general product overview. Availability can vary by country. For detailed product information, please contact the company office or authorized partners.

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Answers for infrastructure and cities.

Our world is undergoing changes that force us to think in new ways: demographic change, urbanization, global warming and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users. Also, our need for safety and security is constantly growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

“We are the trusted technology partner for energy-efficient, safe and secure buildings and infrastructure.”

