



Grenton Smart Home Technology

Invite the **Future** to your home.

Grenton better home technology



The moment you are in

When choosing equipment that will work for years, we ask ourselves questions about the future. What will our home look like one day to come? How will the tastes and needs of household members change? What is worth investing in? Admittedly, not everything can be predicted.



However, there is technology that is constantly adapting to your expectations, now and in the future. Meet the Grenton Smart Home, an intelligent home management system that responds to the needs of household members - even those who may not know it yet.

Grenton was created to improve our surroundings, to increase the comfort and safety of the home and minimize the cost of living. Grenton is a bold vision of the future happening right here, right now.

Grenton

The whole house **in your hands**

The Grenton Smart Home is always ready, waiting for your commands. Control all the devices inside and outside your home with one application. One click of an application or a simple wave of the hand is enough to trigger a single element or a whole sequence of events.



Managing windows

- closing and opening
- roller shutters
- awnings
- blinds
- curtains
- window sensors

Integration of heating, cooling, ventilation and renewable energy systems

- recuperator
- boiler
- heat pump
- air conditioning
- heaters
- photovoltaics

Outdoor control

- gates
- video intercom
- alarms
- monitoring
- garden sprinklers



Managing household appliances

TV
 HiFi
 household appliances
 home electronics
 home cinema
 video projector



Lighting control

switching on/off
 light scenes
 grouping of lamps
 light color selection
 light power selection
 adjusting the lighting to the time of day

Everything works as you require.
 What's more, at any time you can add
 new functions and easily expand the
 system. Sounds amazing? Find out for
 yourself just how easy it is!

Each and every day, **your way!**

Smart Home likes daily routines. The system will perform a defined sequence of events in accordance to your expectations, controlling light bulbs, blinds, multimedia systems and heating. Decide whether the scenario should be controlled manually or run automatically. All you need is the Grenton application and all devices in the house will work together for your convenience.



7:15

Morning

Your favorite music wakes you up, and the blinds gently go up to let in daylight. The hot water circuit is activated, the floor heats up, all of which makes getting up that little bit easier. The house that wishes you a great day.



8:20

Leaving the house

You activate the alarm, close the door and you can devote yourself entirely to your daily duties. Grenton will do the rest: turn off the lights, lower the blinds, lower the temperature. See you soon!



13:11

Courier at the door

A courier drives up to the house. You are able to pick up the package even when you are away from home. Thanks to the video intercom on the phone, you can arrange everything as if you were there. Easy!

19:30

Dinner

Shouldn't everything be easier after a hard day at work? If only the house could turn on your favourite music, illuminate the table, gently warm your home? Wish no more, it's here!

2:17

Night

When you get up during the night, you don't want to be blinded by the lights. Grenton Smart Home knows that you are sleepy and will gently illuminate your way. A quick trip to the bathroom and straight back to bed.



Individually **tailored** solution

Grenton Smart Home understands that each household member has slightly different needs, and it fulfills them all! How is this possible? The Smart House fully adjusts to the needs of each resident and adapts to changing conditions and tasks required.

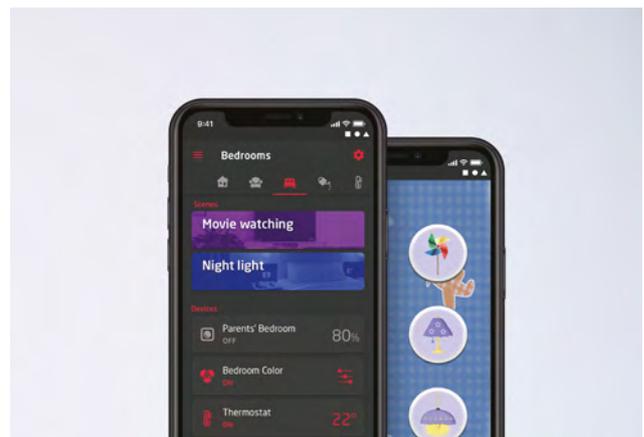


Panel sensitive to individual needs

The way the touch panels work is configured individually for each house and each room. Only the things you need are displayed on the screen.

Full tuning

You adjust both the control of the house and its functioning to your individual needs and that of other household members. The system does exactly what you want, when you want..



A multi-face application

The app also adapts to your requirements. Create an individual look, select the functions that interest you, arrange the icons and buttons. It's your home and your rules.

Safety **first**



Is there a flood in your bathroom? An intruder alarm? The outside elements threatening the safety of your home? A problem requiring you to return home? Fear no more.

Grenton Smart Home watches and reacts. When necessary, it turns off the water, gas and electricity supply. Activates the alarm should you forget in the morning rush. In case of a strong wind, it rolls up the awning and lowers the blinds. You can safely go about your daily business.



Your home wishes you a **pleasant vacation**

While you are strolling along a beautiful white, sandy beach, your home makes sure that nothing will spoil your vacation. It switches the lights on and off, plays music, puts on your favourite Netflix show automatically, all giving the impression the home is inhabited. Nothing should spoil your well-earned rest.

If you want to see what's going on, you can visit your home virtually. The Grenton Smart House provides a view from cameras as well as access and control from anywhere in the world. If your home sees something you need to know, it will send you a message.

You're **in charge** here!

You can control your smart home in many ways. You can give a command by a wave of a hand or the touch of a button, or just simply tell the system what you want it to do. You also have a smartphone app at your disposal.

Smart Panel and touch panels

Imagine a system that opens the gate while you are putting on your shoes, then displays the commute time to the office and wishes you a nice day!





Grenton Smart Switch

Grenton Smart Home modules can detect as many as four different ways of pressing classic switches and match each of them with a different function.



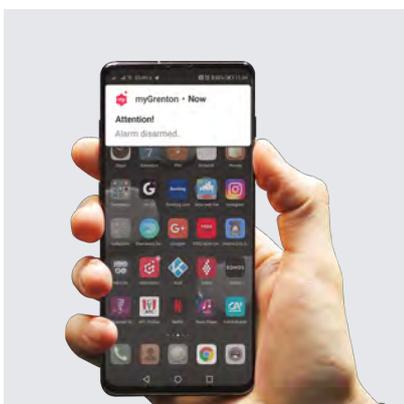
IR control

Traditional remote controls will no longer be needed. Conveniently controlling selected home devices such as the Hi-Fi, air conditioning or roof windows. The house will automatically play your favorite music as soon as you get out of bed.



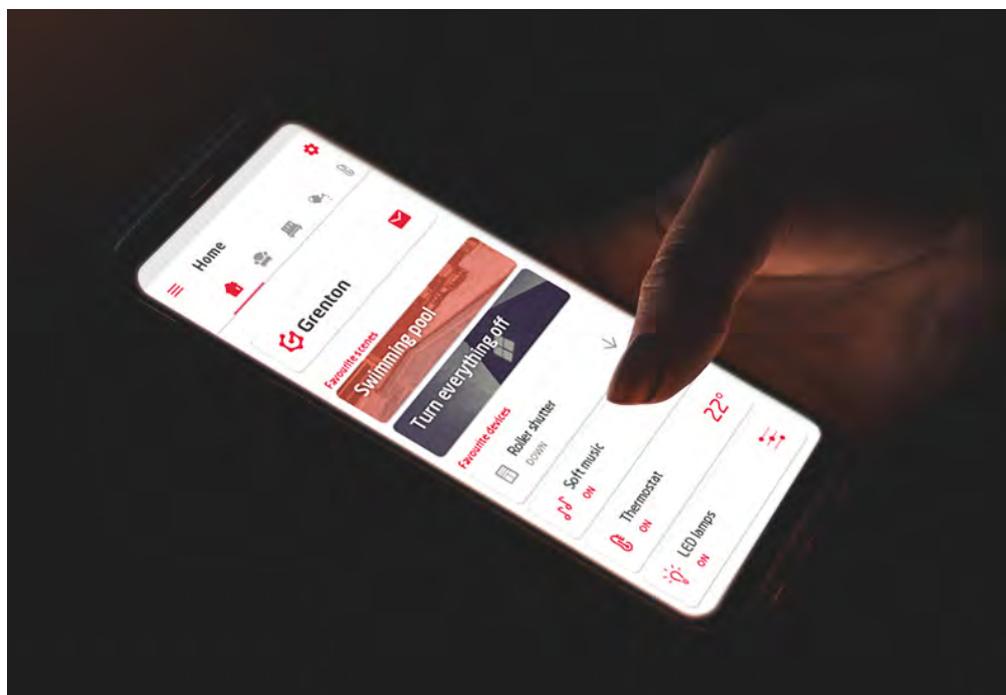
Voice control

You don't have to get up from the couch or reach for the phone. Just say what the house to do for you.



PUSH notifications

You can know about important events happening at home in real time, no matter where you are in the world.



myGrenton application

Control your home from anywhere in the world using a smartphone or tablet with Android or iOS.

Let's get to the **point**

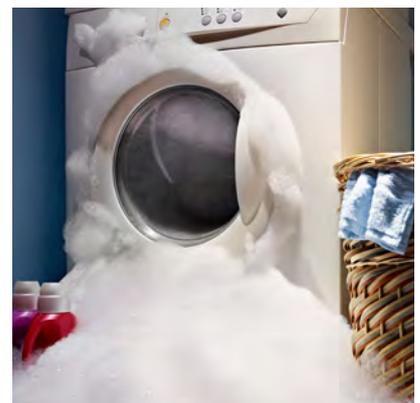


Grenton technology serves not only the safety and comfort of all household members, but also brings huge savings. Smart House Grenton can significantly reduce electricity and heating bills. How does this happen?

The system measures the energy consumption of various elements of the house - from the lighting to the TV. It checks that no one has forgotten to turn off the light and knows that the heating should be reduced when a window is opened. Your energy bill will quickly notice the effects.



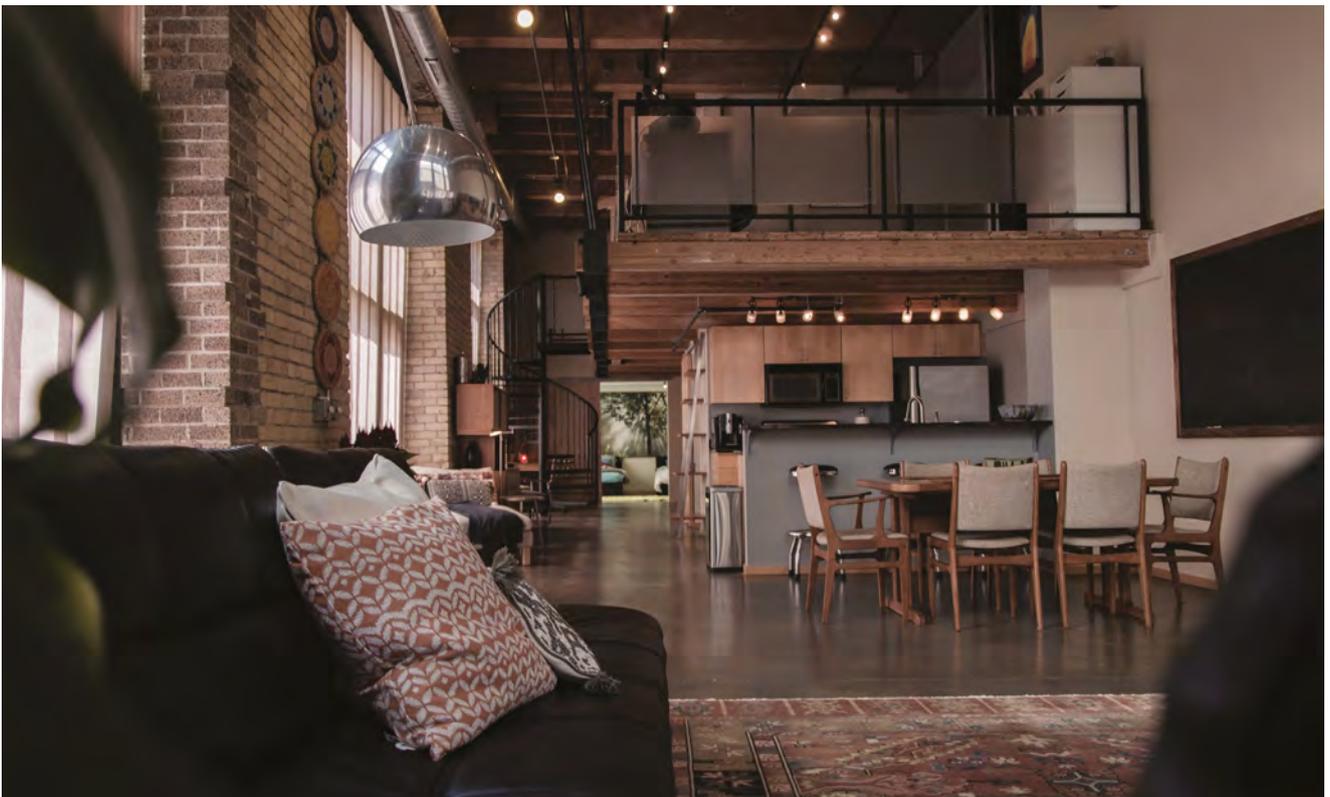
Grenton has been programmed to manage energy in the most efficient way possible. It lowers the temperature when you are not at home, turns off the lights right after you leave for work, and monitors the operation of the air conditioning, ventilation or boiler.



The Grenton system protects against costs resulting from a household devices failure. If your washing machine breaks down, the Grenton will quickly shut off the water supply valve to prevent flooding. You don't have to worry about your awnings anymore - the system will roll them up as soon as it detects a strong wind.

Maximum functionality comfort & safety

Grenton implements a bold vision of an intelligent, and even ... ideal home. You care for comfort, safety and at the same time wish to reduce the cost of living. You can conveniently control your devices from anywhere. You can create your favorite control sequences triggered automatically or using a single wave of your hand.



What more could you want? Grenton is a fully hybrid system with the best features of distributed systems. It is characterized by an extremely easy configuration. The modules can be wired at the construction or renovation stage and wirelessly at any time.

The Grenton Smart House is a system that controls the entire home at an unprecedented level of advancement seen anywhere else. It works with devices using various communication standards. Thanks to the remarkable flexibility, you can change or expand anything at any time.

COMMUNICATION STANDARDS SUPPORTED

- potential-free inputs/outputs
- 0-10V analogue inputs/outputs
- http
- 1-Wire®
- Modbus
- DALI
- MQTT



Do you want your home to become **Smart**?

Everyone has different needs and preferences for different functionalities. Develop your smart home operation free of charge with the help of a Grenton Authorized Dealer.

We will help you determine the scope of the implementation

Consider what type of devices and how many devices you want in your household (lights, heaters, heat recovery system, etc.)

We will define the functionalities together

Try to describe your life at home - how many people will live there, what are their daily routines.

Meet the consultant

Prepare electrical installation plans and contact a Grenton Authorized Dealer. You will define the system functions together, and then the Installer will give you advice and select the right devices.

We will help you to make a modern electrical installation

A Grenton Authorized Dealer will prepare installation guidelines for the electrician. He can also perform the entire installation if required.



We will run the system

Arrange the meeting with a Grenton Authorized Dealer for the installation of the devices and system configuration as well as launching all the functions determined at the planning stage. Check the map of Authorized Dealers and Distributors at www.grenton.com

Return on investment within a few years.

The price of the complete system will pleasantly surprise you. It depends primarily on the size of the house and the number of control areas and your needs. Most often it does not exceed 2% of the total investment cost related to the house construction. It is less than the implementation cost of a mid-range home-heating system.

2-room apartment

COST OF SMART HOME
GRENTON DEVICES:

EUR 850,- net

PRICE INCLUDES:

- Grenton Smart Panel
- control modules for 4 lighting circuits
- control modules for 1 dimming circuit
- control modules for LED colour lighting

The system independently manages 3 heating zones and cuts off electrical sockets. It allows you to connect up to 6 conventional switches.

180-meter house

COST OF SMART HOME
GRENTON DEVICES:

EUR 2.800,- net

PRICE INCLUDES:

- 2 x Grenton Smart Panel
- control modules for 18 lighting circuits
- control modules for 1 dimming circuit
- control modules for LED colour lighting

The system independently manages 10 heating zones and cuts off electrical sockets. It controls 8 roller shutters and a garage door. It integrates the air conditioning, alarm system and a weather station. It allows you to connect up to 28 conventional switches.

Do you have any questions? Please feel free to contact us.

A Grenton Authorized Dealer will help you determine the range of functionalities that will be useful in your home and will help you choose the best solution.

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