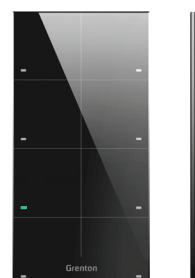Grenton Smart Home Technologies

Welcome to the **Future.**

Grenton   better home technology

Where will your company be
in 10 years' time? We're already there.

Meet the only Smart Home System in the world that responds
to all the needs of your customers – even those who may
not know it yet.

Grenton

Soon, every second house built will use solutions such as Grenton technologies.

The demand for intelligent systems is growing at a tremendous rate, with an up to 35% increase in new investments in the US, and a further 51% in Europe. We don't see this as a trend, but rather a picture for the future. The potential of this market is enormous and undoubtedly you can profit from it.

The Gold Medals BUDMA 2018, 2019 and 2022

Central Eastern Europe Smart Home technology leader

Symbol **2019**

Awarded by Monitor Rynkowy in the Innovation category

* data according to 2018, 2019 and 2022 Berg Insight reports

Work with the best

For us, uncompromising quality matters, which is why Grenton products are made entirely in Europe. With the best designers of consumer electronics who are responsible for their development and continuous improvement. We also cooperate with recognized technical universities and with well-known brands such as Bosch, Fakro, Tauron, Apator, Polnord, to name a few.

A global partner

We offer you to join a group of visionaries who develop the future of our products and continually become stronger making us a much larger global player. We are already operating in eighteen foreign markets, and by the end of 2021, we will have conquered a total of twenty-five countries. You too can be part of this phenomenal success!

Aspirations and recognitions

We want to be the best and therefore we compete with other world leaders. The effects of our engagement have been recognized at international fairs in Dubai, Barcelona, California and Helsinki. In Poland, we have received one of the most prestigious awards related to the construction market - the gold medal BUDMA 2018, BUDMA 2019 and BUDMA 2022.

Individuals
apartments, houses

Contemporary economics, security and comfort of use are crucial issues for newly owners of new homes. While we can already promise effective heating management that can bring up to 35% savings, Grenton is constantly evolving bringing next improvements. We invite you to be a part of this huge change and to enjoy the benefits of one of the fastest growing markets.

Get to know your new customers.

Grenton System is a comprehensive solution that responds to various requirements, from individual housing demands to advanced real estate developments and industry investments. What does this mean for dealer? First of all, this implies broadening the scope of services, as well as the new opportunities for an efficient and quick operation in a dynamically developing market.

Developers

Grenton solutions significantly raise the prestige and elevate the attractiveness of newly built houses and apartments. Developers recognize this and are increasingly introducing the basic functionalities of the Smart Home to their investments. The possibility of expanding the system in the future sees the potential of further profits. In a word - you not only earn on the implementation of the main contract, but also on the development and implementation of upcoming, new functions.

Hotels and guesthouses

The tourism sector has already been convinced about the effectiveness of new technologies. This is not surprising as intelligent systems bring significant savings. This market responded to ever increasing energy prices and could no longer continue to use their existing technologies. Why not see for yourself and expand your possibilities?

Residencies and industrial facilities

Intelligent systems are used in large facilities that are particularly struggling with an increasing labor shortage,and increasing energy and other processing costs. Grenton brings a number of benefits: it reduces the scope of responsibilities, thus reducing the number of employees required, reducing energy consumption, and managing each and every process, which also improves the use of the building or space monitoring.

All functionalities at your fingertips.

Perhaps you wonder what else distinguishes Grenton from other smart installations. They all offer many possibilities of control, but only Grenton provides them all in one system that manages all household elements. That is why you can answer YES to any functionality which your customer enquiries, not only now, but in the future.

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

Salon [°C]
Set 22.8 | Act 19.7

Grenton

Lighting comtrol:

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

Managing household appliances:

TV
HiFi
AGD
home electronics
home cinema
video projector

Outdoor control:

gates
video intercom
alarms
monitoring
garden sprinklers

An individually tailored solution.

Versatility and flexibility of the **Grenton Smart Home System** allows you to meet the requirements of each and every customer. You will be given the tools to easily adjust the appearance, actions, and functionalities of each solution according to user's requirements. The best methods are ingeniously simple.

OBJECT MANAGER

User-tuned setup

Have you determined the details with your customer? Have you chosen all the functionalities? The easiest task is right in front of you. What often requires over a week's work in other systems, can be done in just two days with Grenton. You can create a developed system with only a few moves of your mouse: just plug it in and it works! The system is adapted to the user's needs and does exactly what is expected.

SMART PANEL

A panel sensitive to individual needs

With its aesthetic, minimalist form, a touch panel with an OLED screen displays and works exactly as you require. You can choose any icons, texts or information from external websites. The panel responds to simple hand movements such as a wave, then from one place, you choose the interface with a gesture of your hand and control every element in the house. And because current needs are changing, you can reconfigure everything at any time.

MYGRENTON

An application that adapts to a specific user

Each user can set the appearance and functions of the application in his or her own way, e.g. a different arrangement of icons and buttons. Quite simply, what one family member may feel is important, may differ greatly from another. Your prospective customers will appreciate such a deep level of individuality.

A completely ideal system

Each customer has different needs, and we make sure our products respond perfectly to those needs, which means you the customer will see significant gains - „your needs + our system = huge savings". **The Grenton Smart Home System** stands out due to the completeness of its features which guarantees their comprehensive application. Additionally, it allows for the implementation at any given time of investment, as well as for simple system expansion, however the needs may change.

Wired, where you can. Wireless, where you need it to be.

Grenton modules can be connected via a cable bus, which ensures a high stability of data transmission and a fast and reliable operation. It is an ideal solution for newly designed installations. The installation of wireless modules takes a few minutes and allows you to adapt the existing cable network without making any modifications. Both types of devices can be freely combined.

Centralized or distributed, with Grenton you don't have to choose.

Grenton is a fully hybrid system. It uniquely combines the best features of distributed solutions that guarantees high stability and operational reliability with the simplicity of a configuration typical of centralized systems.

A wide selection of modules offer broad possibilities on the market.

Grenton products can be divided into three main categories: wired DIN-rail mounted modules, wired flush-mounted modules, and wireless modules utilizing Z-Wave standard. Grenton devices allow you to execute any project – centralized, distributed or mixed. The choice is yours.

A custom smart solution that combines all standards.

Grenton is the first system in the world that allows all modules to exchange data at an unprecedented level. A Smart Home can be connected to any device compatible with the supported communication standards:

WiFi   Z-WAVE

- potential-free inputs/outputs
- 0-10V inputs/outputs
- HTTP REST
- 1-Wire®
- Modbus
- DALI
- IR

A full offer of currently available Grenton modules can be found at **grenton.com**

System modules examples

Control panels

Wired DIN-rail mounted modules

Wired flush-mounted modules

Wireless flush-mounted modules

It doesn't matter what additional features your customers will decide to use in the future, the Grenton Smart Home is ready for this and will enable a simple transition from a small system to an extensive installation. You can start with the basic functions and expand anything at any time thanks to a wide range of products.

Smart control using any personalized device.

We have created many methods to control the Grenton system. Each method is perfect as it responds to the demands of a specific user.

Smart Panel and touch panels

To replace several switches with one.

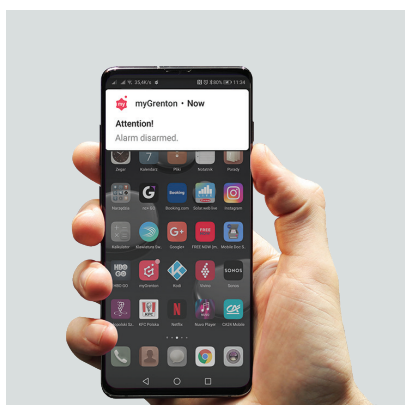# Voice Control

Just say what the house has to do for you.
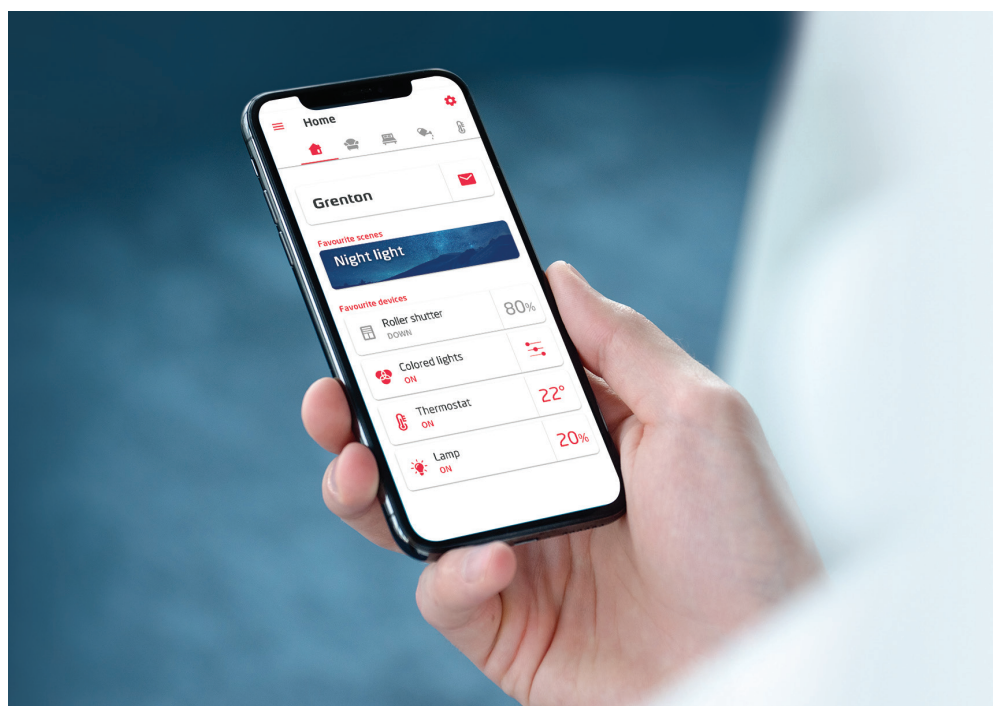
Grenton Smart Switch

To make home switches smart.

Infrared Control

To replace all traditional remotes at home.

PUSH Notifications

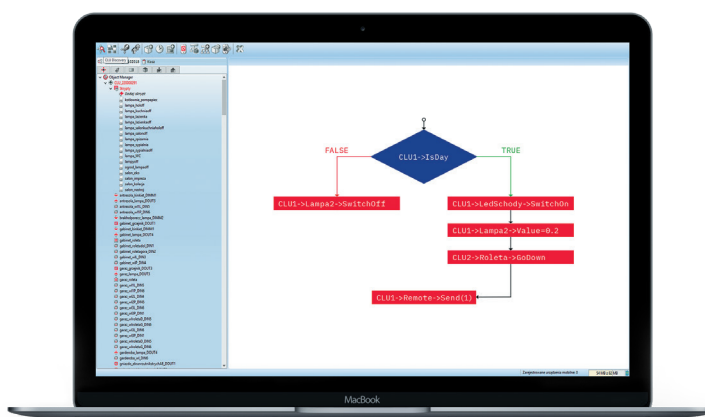**To know what if something important is going on at home.**

myGrenton Application

To check what's going on at home from a device that is always at hand.

The simplest in front of you.

You can easily implement a smart home. You get free tools that make everything easier, faster and without having any programming knowledge. Every moment you save is a moment for yourself. We understand how important this is to you.

GRENTON DISCOVERY

Configuration with one button.

Smart Home Grenton has been equipped with a functionality that undoubtedly facilitates the first set up, connecting new modules and their replacement. Simply push the "Discovery" button, and the system will find all connected modules, check their configuration, and review all changes.

GRENTON SCRIPT BUILDER

Intuitive command programming. Programming as simple as setting up a router.

The system follows orders according to the scenarios defining the user's expectations. In **the Grenton Script Builder**, scripts are built by dragging simple graphic elements to the appropriate places (the so-called "drag & drop" function). You'll be surprised how simple it is. And when you want more, you can enable access to the full version of Object Management LUA programming language.

Object Manager

Save with Grenton

VIRTUAL OBJECTS

Effortless creation of virtual objects.

Smart Home Grenton software allows for the creation of virtual objects in CLU (Common Logic Unit), such as: timers, calendars, schedules, and thermostats etc. To define where to measure the temperature and which heater to be controlled, a maximum of three steps are sufficient. Try it and find out how simple this is.

INTERFEJS MYGRENTON

Application configured at your discretion.

Each user needs easy access to the functions that are most important to them. Thanks to **myGrenton**, you can quickly create individual interfaces and arrange icons differently in each of them and assign functions. In the Grenton system, each user feels completely at home.

Smart support for Partners.

Grenton's partners are very important to us and can count on a comprehensive service, high-quality cooperation and ongoing support in a specially created Installers Portal. From the beginning of our cooperation, we will ensure a smooth implementation, we offer professional online training, tutorials and workshops at the university, and during our cooperation we will consistently improve tools that will enable a faster and more effective operation on the market.

INSTALLER PORTAL

Knowledge base, forum, manuals, tutorials, online webinars

MARKETING TOOLS

Marketing and sales materials

MEETUPS IN THE LABORATORY

Courses taught by accredited lecturers at the Łódź University of Technology

BUSINESS CONSULTING

Professional, multi-level trainings for Partners

→

Please, contact us

TOOLS FACILITATING WORK

Object Manager, Script Builder, myGrenton, offer generator

Smart profit
at your fingertips.

Osec
Secured Support

Osec B.V.

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1446 XA Purmerend

Website
www.osec.nl

E-mail
info@osec.nl

Phone
0299 666 666

European Funds — Smart Growth

Republic of Poland

Polska

European Union — European Regional Development Fund