



SMART HOME

BROCHURE

INTRODUCTION

*Home. We all have it and it is our safe heaven, our base of operations, our place of comfort, it's a central point of our lives. That is why it needs to be one with us. That is why we want to control it as though it is just another part of us, Easy. Intuitive. Enjoyable. Efficient. These are the traits of the **ENTIALiving** system - a smart home system for everyday people.*

There are countless electronic devices present in our home that need to be controlled. It is our goal at Entia to make that an easy task - make it fun. At an affordable price. That is what we had in mind, when we started the **Entia Company**. We wanted to design a system that will unite all

the devices and harmonize our homes. To design a system that will make it easy to save energy when we are at home or away. To create a system that will help us make our homes work for us. We have done all that and more. **ENTIALiving**. A smart home system that will harmonize your home.



ENTIAliving is a smart home system that enables automatic control of living environments with the aim of increasing the comfort and security of its users, providing efficient energy use and enabling remote control over Internet.



FUNCTIONALITY



ENERGY EFFICIENCY

*Why spend when we can save. Energy is expensive these days so let us consume it with care. Let **ENTIALiving** make your home more energy efficient, more environment friendly and of course, more friendly towards your wallet.*

- Heating & Cooling Control
- Shading Control
- Power outlets control
- Measure everything



SECURITY

*Protection against burglary, fire, flood and more... Be instantly aware of unwanted events. A home has to be a safe place and **ENTIALiving** makes it so. Compatible with most commercially available security systems.*

- Protection against burglary
- Protection against fire
- Protection against flood
- Video surveillance



REMOTE CONTROL

With **ENTIALiving** our home is always with us, in our pockets, on our smartphones, tablets or personal computers. Beautifully designed, fast and secure apps put us in control of our homes, wherever we are.

- Apps for smartphones
- Apps for tablets
- Web interfaces
- iOS, Android, Windows,...



COMFORT

We made the **ENTIALiving** smart home customizable to our needs and habits, customizable to suit our lifestyles; we made the **ENTIALiving** to work with you and for you. Feel comfortable in and about your home with **ENTIALiving**.

- Heating & Cooling Control
- Lighting Control
- Shading Control
- Ventilation Control

FUNCTIONALITY



Energy

Why spend when we can save. Saving energy has never been more fun. **ENTIAliving**, environment and wallet friendly.



Ventilation Control

Automatic ventilation based on the air quality (humidity, CO2, CO etc.) is completely automatic with **ENTIAliving**.



Scenes & Schedules

Control everything at once with **ENTIAliving** scenes. Have the temperature drop when you are away. Think less, do more.



Shading Control

Control your shades and blinds. Scenes, remote control, weather based control, it's all there.



Remote Control

Have your home in your pocket, wherever you are. Beautiful free apps for smartphones, tablets and personal computers.



Lighting Control

Individual lights or groups of light, dimmed ambient lighting, pool or garden lighting system, scenes, remote control...



Sensor Value Presentation

Want to measure something? Anything? Air quality, sun radiation, temperature? Be aware of the quality of your surroundings.



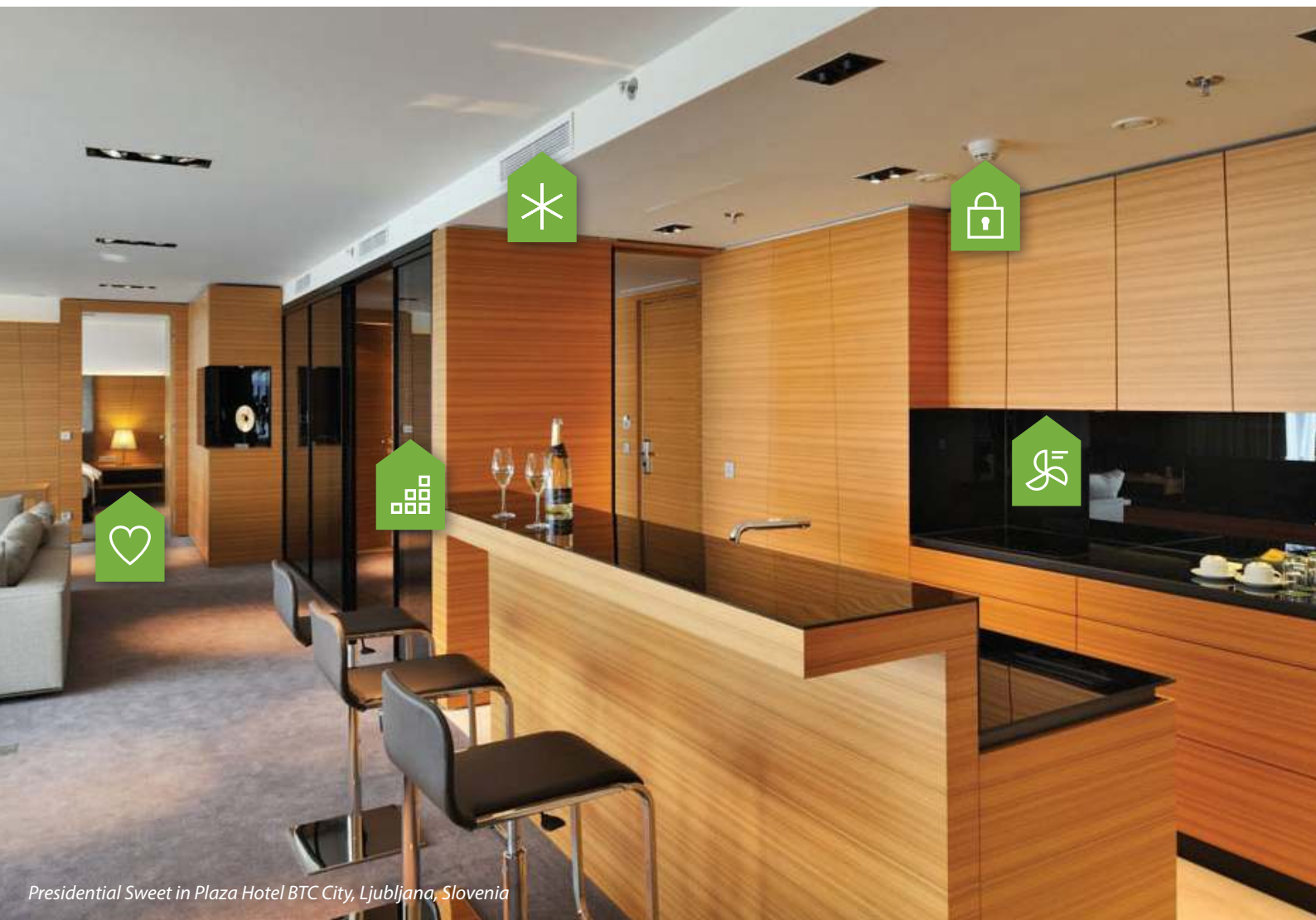
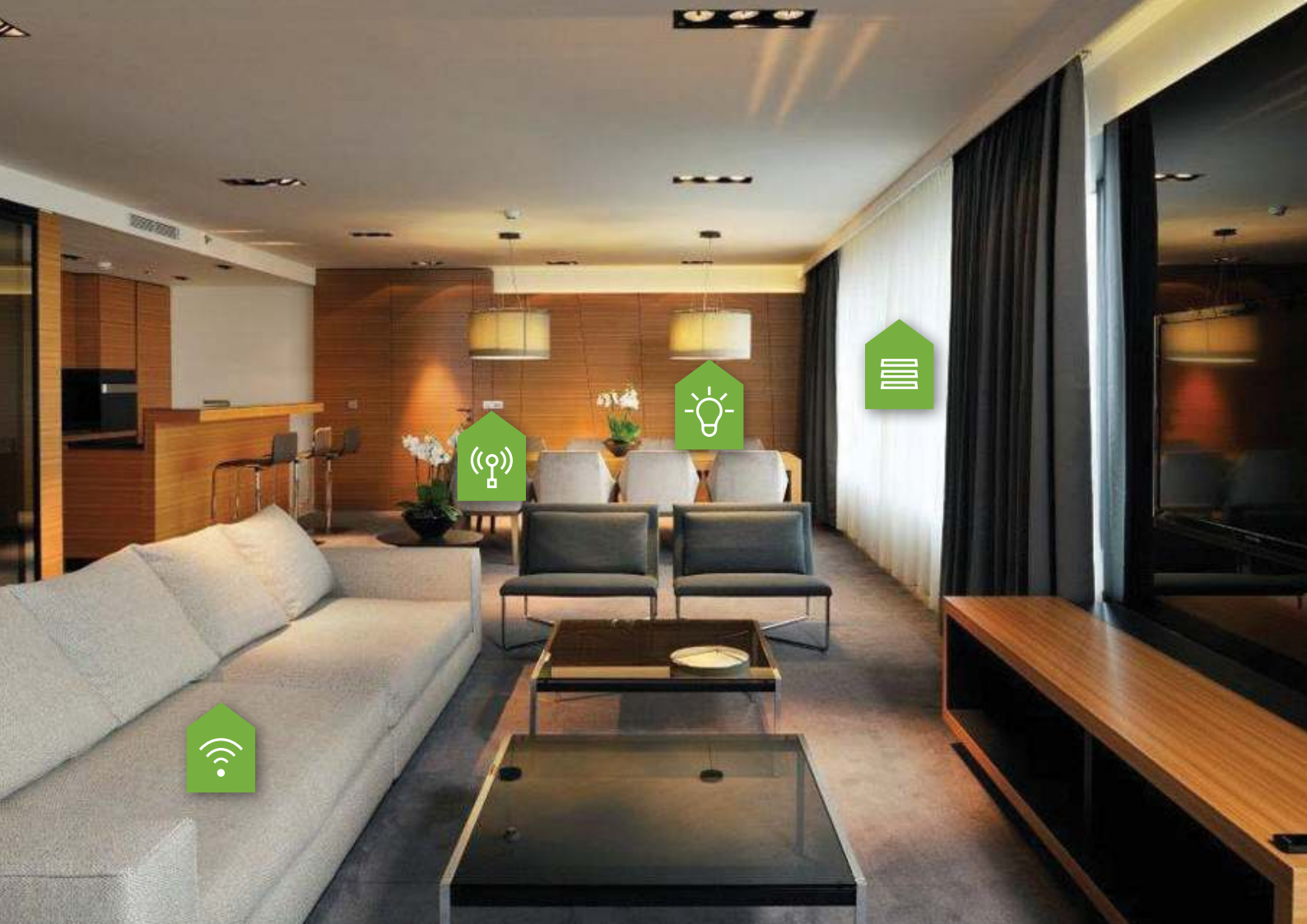
Heating & Cooling Control

With **ENTIAliving** at the helm of your home, heating and cooling is as intuitive and cost effective as anybody would want it.



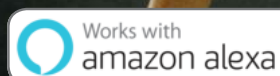
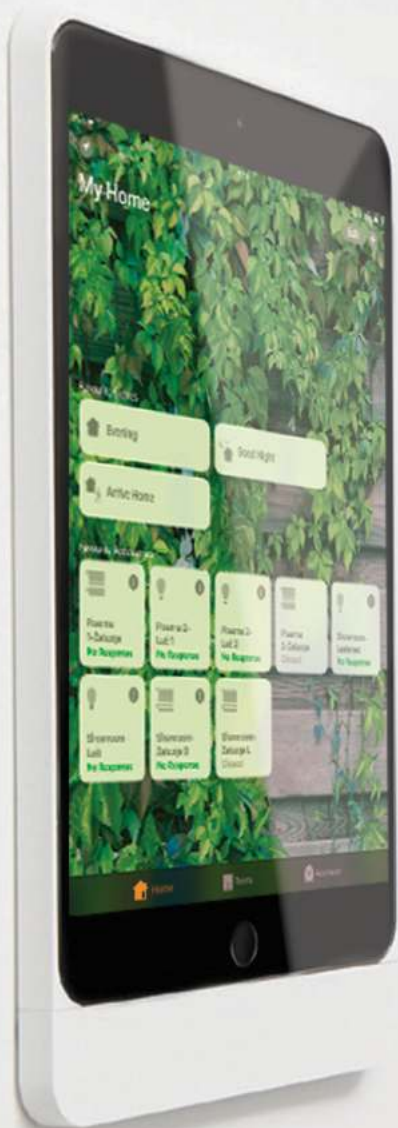
Security & Safety

Feeling safe is essential in a home, and **ENTIAliving** makes it so. Protection from burglary, flood, fire and more...



Presidential Suite in Plaza Hotel BTC City, Ljubljana, Slovenia

The **ENTIAliving** cloud can now connect to Apple HomeKit, Amazon Echo and Google Nest platforms. Glasovno upravljanje, upravljanje preko geo lokacije in seveda aplikacije vašega najlubšega proizvajalca so sedaj del sistema **ENTIAliving**.



USER INTERFACES

*Manual, automatic, remote. Switches, sensors, room controller, smartphones, tablet computers, personal computer, smart watches or even your TV set. It's all there for us with **ENTIALiving**. Control your home easily and efficiently with multitude of options available. Classic switches for the more conservative oriented and iOS and Android apps for more technology prone. Beautiful design, pleasure to use. Experience the highest level of comfort with **ENTIALiving**.*

- Room Controller / Intelligent thermostat
- Intelligent touchbuttons
- Smartphones/tablets (iOS/Android)
- Personal computers
- Cloud2cloud (Apple HomeKit, Amazon Echo, Google Nest)



EQUIPMENT OVERVIEW

ENTIAliving Automation



ENTIAliving Main Controller with Gateway EL-M01

The central processing unit and ETH /CAN gateway of the *ENTIAliving* system. Can connect up to 4 power expanders, one power dimmer and up to 25 BUS devices.



ENTIAliving Main Controller EL-M01a

Main controller extension unit for large houses and apartments. Without ETH gateway but in all other aspects the same as *ENTIAliving* Main Controller EL-M01.



ENTIAliving Power Expander 8 EL-E801

Relay power expander with 8 inputs and 8 outputs. Suitable for connecting lights, heating valves, fan coils, power outlets, push buttons and other electronic devices.



ENTIAliving Power Expander 16 EL-E1601

A power expander with 16 inputs and 16 outputs. Suitable for connecting shades and blinds, lights, heating valves, fan coils, push buttons and other electronic devices.



ENTIAliving Sens Controller EL-S01

A controller for connecting sensors and push buttons to the *ENTIAliving* system. Suitable for in-wall mounting (fi60) or DIN mounting.



ENTIAliving Power Dimmer 5 EL-D01

Phase-controlled dimmer module with zerocross detection. Suitable for connecting up to five dimmable lights or groups of lights. Maximum power on one output is 300 W.



ENTIAliving DALI Converter EL-CD01

A DALI lighting controller for *ENTIAliving* smart home system. Suitable for connecting large groups of (up to 64) DALI enabled lights.



ENTIAliving MODBUS Converter EL-CA01

A MODBUS A/C controller for *ENTIAliving* smart home system. Suitable for connecting MODBUS compatible devices such as air conditioners, heatpumps etc.

ENTIAliving IR Controller EL-IR01

A controller for connecting an air conditioning unit to the *ENTIAliving* system. Compatible with all commercially available remote controlled A/C units.

EQUIPMENT OVERVIEW

ENTIAliving Touch Buttons



ENTIAliving Touch Buttons

EL-TB401

Beautiful touch interface with four buttons for controlling the *ENTIAliving* system. High quality nano carbon overlay plexi material, ambient back light with ambient sensor control, suitable for controlling shades, lights and user defined scenes.



ENTIAliving Touch Buttons with thermostat

EL-TB401-T

Beautiful touch interface with four buttons for controlling the *ENTIAliving* system. High quality nano carbon overlay plexi material, ambient back light with ambient sensor control and temperature sensor. For controlling room temperature, shades, lights and user defined scenes.



ENTIAliving Touch Buttons

EL-TB801

Beautiful touch interface with eight buttons for controlling the *ENTIAliving* system. High quality nano carbon overlay plexi material, ambient back light with ambient sensor control, suitable for controlling shades, lights and user defined scenes.



ENTIAliving Touch Buttons with thermostat

EL-TB801-T

Beautiful touch interface with eight buttons for controlling the *ENTIAliving* system. High quality nano carbon overlay plexi material, ambient back light with ambient sensor control and temperature sensor. For controlling room temperature, shades, lights and user defined scenes.

ENTIAliving Central Control



ENTIAliving Room Controller

EL-R01

A powerful three-zone (room) intelligent thermostat with a temperature sensor and digital inputs. Includes scene select and scene save functions, local clock, current temperature, and more. Suitable for italian style buttons frames (Vimar, Bticino,...)



ENTIAliving Room Controller

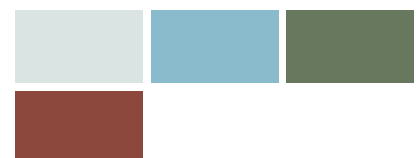
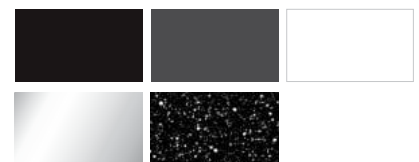
EL-R02

A powerful three-zone (room) intelligent thermostat with a temperature sensor and digital inputs. Includes scene select and scene save functions, local clock, current temperature, and more. Suitable for german style buttons frames (Jung, Gira,...)

display colours



frame Colors & Materials



EQUIPMENT OVERVIEW



ENTIAliving
PC Application
EL-SW-PC01

Apps for controlling all elements of your home, including automation, security, door phone... Tailor your smart home to your needs with *ENTIAliving* Configuration Setup. Available on Windows, Mac OS and Linux.



ENTIAliving
Tablet Application
EL-SW-TAB01

Apps for tablet computers with iOS or Android system. Control all elements of your home, including automation, security and door phone. Available free of charge on Apple App store and Google Play Store.



ENTIAliving
Smart Phone Application
EL-SW-SP01

Appls for smart phones with iOS or Android system. Control all elements of your home, including automation, security and door phone. Available free of charge on Apple App store and Google Play Store.



ENTIAliving
Apple Home Bridge
EL-SW-HK01

Control *ENTIAliving* smart home system through applications made by Apple. Make custom scene, use SIRI voice commands, create automated actions through triggers and connect with multitude of devices supporting Apple Home on your favorite Apple device.



ENTIAliving
Amazon Echo Bridge
EL-SW-AE01

"Alexa, dim all lights to 30%". The amazing Amazon smart speaker product is now integrated with *ENTIAliving* smart home system. Control all devices in your home by using only voice commands. Easy to use interfaces now have a whole new meaning with ENTIAliving Echo bridge.



ENTIAliving
Google Nest Bridge
EL-SW-GN01

Simply integrate Nest with your *ENTIAliving* system. Connect to a huge number of devices, like cameras, smart locks etc., already supporting the Nest platform. Voice control, geo-location based control and all your favorite functions provided by this powerful platform by Google.



ENTIAliving
CNS Application
EL-SW-CNS01

Application for multi apartment building manager. Monitor and control the connected systems (lighting, ventilation, heating,...) in common spaces. Receive alerts in case of malfunctions or unwanted events.



ENTIAliving
Configuration Tool Software
EL-SW-ST01

A powerful tool for complete configuration, monitoring and managing of the *ENTIAliving* system and server. Meant for distributors, integrators and resellers of the *ENTIAliving* smart home system.

Wireless devices such as thermostats, doorphones, smartlocks and much more can now be integrated with **ENTIAliving** smart home system through cloud2cloud platforms by Apple, Amazon and Google - Apple HomeKit, Amazon Echo and Google Nest respectively.



ACCESSORIES

ENTIAliving Security & Safety

ENTIAliving Security Central EL-SEC01

Fire, flood and burglary protection. A professional system with integrated sensors can alert you or the security service of unwanted events in your home.

ENTIAliving Video Surveillance IP Camera EL-CAM01

Video surveillance camera, suitable for inside or outside mounting, weather resistant, vandal resistant, with streaming directly to your smartphone, tablet or personal computer.

ENTIAliving Fire/Smoke Detector EL-S-FIRE01

A smoke detection sensor for increased fire security. Suitable for installation areas with increased fire hazard. Integration with *ENTIAliving* system enables alerts in case of unwanted events.

ENTIAliving Presence/Motion Sensor EL-S-PIR01

A sensor for detecting presence has various applications, such as automatic lighting or increased anti-burglary security. Integration with *ENTIAliving* system enables alerts in case of unwanted events.

ENTIAliving Flood/Spill Detector EL-S-FLO001

A sensor for detecting spills and leakages. Suitable for mounting in areas with increased flood hazard. Integration with *ENTIAliving* system enables alerts in case of unwanted events.

ENTIAliving Open Door/Window Sensor EL-S-DOOR01

A sensor for detecting open windows/doors can be used for anti-burglary protection or to disable air conditioning in case of open windows (increased energy efficiency).

ACCESSORIES

ENTIAliving Energy Efficiency



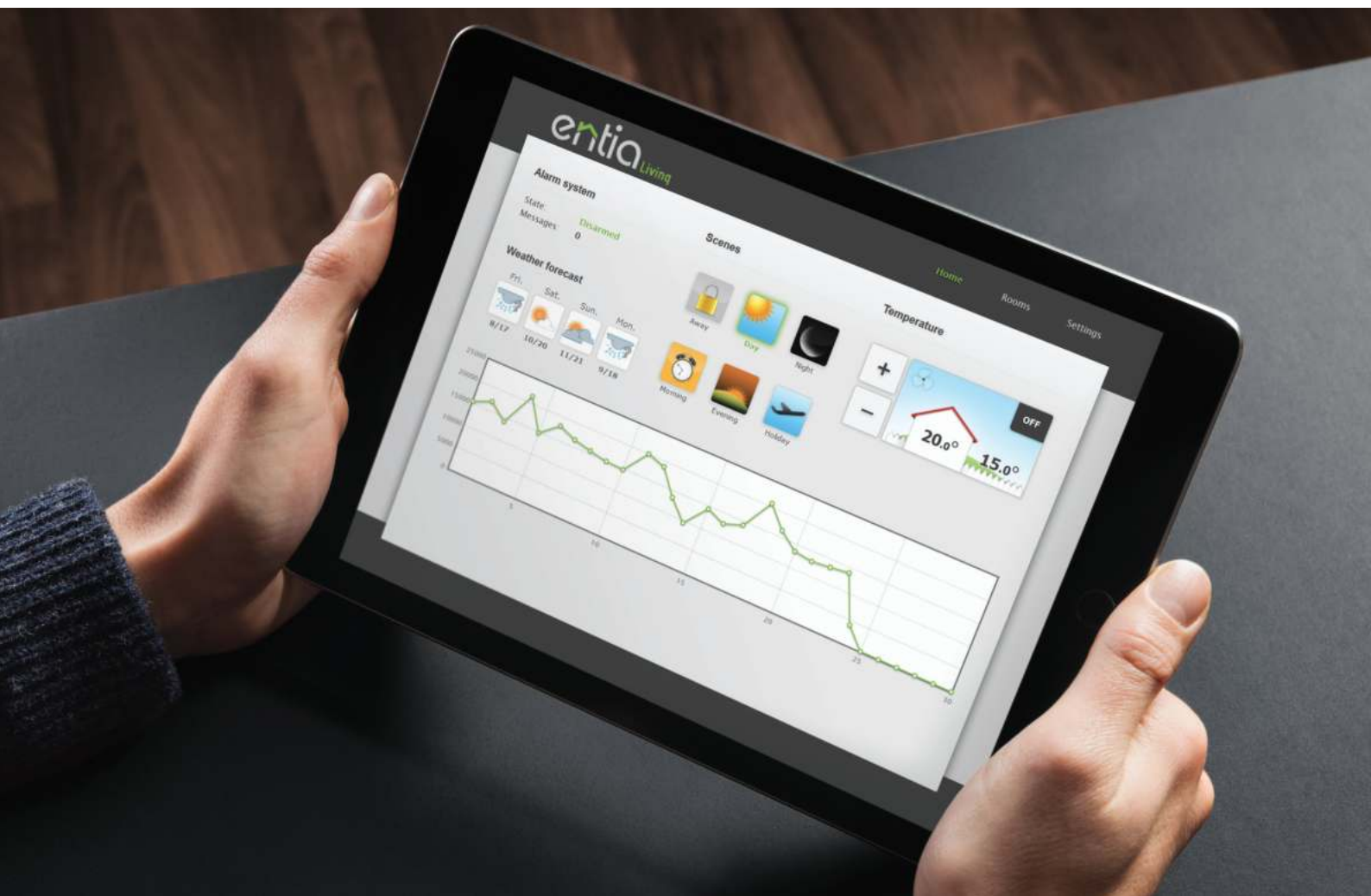
ENTIAliving Energy Consumption Metering EL-MET01

A cloud system for measuring the energy consumption of your home. Measure electricity, water and gas consumption, generate daily, weekly and monthly reports and make your home use energy smartly.



ENTIAliving Open Door/Window Sensor EL-S-DOOR01

A sensor for detecting open windows/doors can be used for anti-burglary protection or to disable air conditioning in case of open windows (increased energy efficiency).



We have everything on our tablets today, so it is only logical to have our homes there as well, for you to control. With beautifully designed and easy to operate apps your portable device will become the central control hub for your home.



ACCESSORIES

ENTIAliving Sensors, Cables, Buttons

ENTIAliving Power Supply 5V EL-PS01

A DIN mount 5V power supply for the *ENTIAliving* system. Connects to the *ENTIAliving* Main Controller EL-M01 or ELM01a.

ENTIAliving Sensor Power Supply 12V EL-S-PS01

A DIN mount 12V power supply for the *ENTIAliving* sensor system. Connects to various sensors with external power supply and also to *ENTIAliving* DALI and MODBUS controllers.

ENTIAliving Temperature Sensor EL-S-TEM01

A sensor for measuring (inside or outside) temperature. Used for displaying and controlling various temperatures.

ENTIAliving Humidity Sensor EL-S-HUM01

A sensor for measuring humidity. Can be used for automatic ventilation of wet rooms in order to prevent mould.

ENTIAliving Ambient/Luminosity Sensor EL-S-AMB01

A sensor for measuring level of illumination. Can be used for automatic (smart) shading control.

ENTIAliving Wind Speed Sensor EL-S-WIND01

A sensor for measuring wind speed. Can be used for automatic (smart) shading protection against wind.

ENTIAliving Weather Station EL-S-WHT01

A station for monitoring the weather, namely rain, wind, ambient and temperature changes.

ENTIAliving Rain-fall Detector EL-S-RAIN01

A sensor for detecting rain. Can be used for automatic control of roof windows.

ENTIAliving BUS Cable EL-C-BUS01

Cable for connecting *ENTIAliving* devices which communicate on BUS.

ENTIAliving Button Cable EL-C-BUT01

Cable for connecting buttons to the EXPAND, ROOM and SENS controllers.

ENTIAliving Buttons & Switches

Connect any commercially available "classical" buttons & switches (Vimar, Bticino, ...) to the *ENTIAliving* system and gain intelligent functions. No need for special and expensive "intelligent" buttons.

ABOUT THE COMPANY

*Our mission is to make ordinary people's lives easier, more effective and less costly. We are believers, enthusiasts, engineers, explorers, achievers... We are **Entia**.*

The company **Entia** was founded in 2009 and the product **ENTIAliving** was "born" a year later. A cloud based smart home for new residential buildings that increases the energy efficiency, security and comfort of a home while enabling world wide remote control with smartphones, tablets or personal computers. Assembled with the highest quality components and

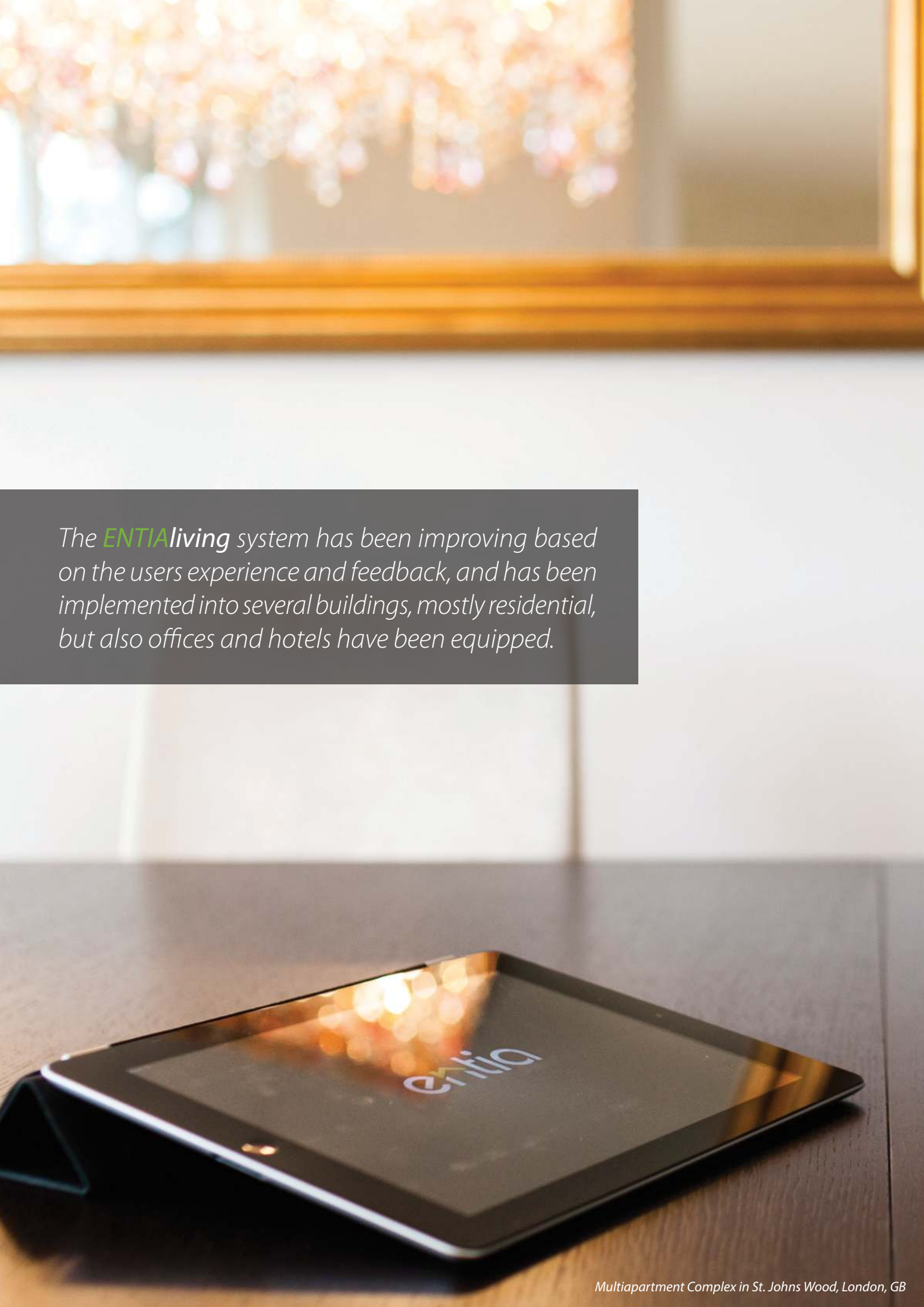
manufactured in European Union, **ENTIAliving** covers all the functionality of any smart home system available on the market, adding cloud related advantages, such as world wide monitoring and remote control, remote management and service etc. **ENTIAliving** is moving a luxury product into the mass market thus making smart home widely affordable.

CE standards

The **ENTIAliving** system has passed all the necessary tests to achieve the following standards of quality assurance:

- EN 60730-1
- EN 55015
- EN 61547
- EN 61000-3-2
- EN 61000-3-3
- EN 50491-2
- EN 50491-5-1
- EN 50491-5-2
- EN 50491-5-3
- EN 50491-3 (EN 50090:1998 + A1:2002 + A2:2007)



A blurred chandelier with many small lights hangs in the upper part of the frame. Below it is a white wall. In the foreground, a dark wooden table holds a tablet computer. The tablet screen is dark and shows the 'entia' logo in white. The background is out of focus, showing a window with light coming through.

*The **ENTIA**living system has been improving based on the users experience and feedback, and has been implemented into several buildings, mostly residential, but also offices and hotels have been equipped.*

