

# News 2015



WE LEAPED

OVER ANY

OBSTACLES

STRENGTH,

PERFORMANCE

UNIQUENESS

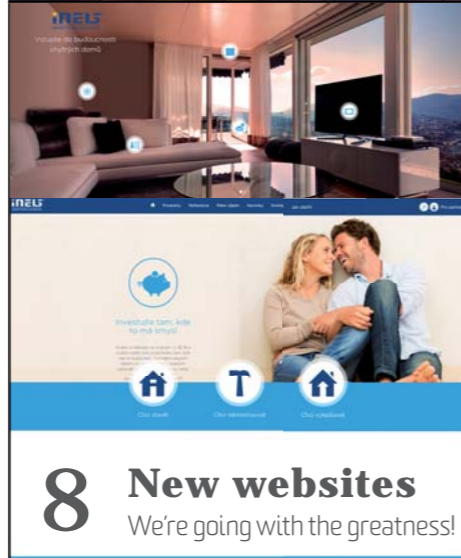
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# Editorial

Dear readers,

Here we are again. We have just had, if I may say, another successful year. Lately, I've been having that feeling that time is running faster and faster. It's been already 22 years since I started working as a 20 year old business man I was working alone at my garage.

My first product that year, which saw the light for the first time, was a RELAY. From one employee firm, we became during the past 22 years a company which is employing more than 280 people. Until last October, we have actually dispatched more than 10 000 000 RELAYS, which didn't stop only with the RELAYS.

Today, we're offering not only a comprehensive range of electronic devices and their components, but also a solution that meets the customer's requirements after. The thing that sets us apart from the competition, is our amazing flexibility, operational approach, customization, and especially the desire "to always have something more!".

It should be noted, that even though our relay as an assortment is alive and plays a big role between the gigantic international companies in the field of electrical installations, we are investing considerably a very big part from the relay's assortment to the intelligent electrical installations systems.

Our iNELS system, either in his wireless form or his BUS ground form is able to solve all the problems that you could possibly have in your family home, a commercial building or even a HOTEL COMPLEX. - In a few years of hard work, we upgraded iNELS to be applied in a complex system that includes not only the switching of appliances, lights dimming or blind control, but also alarm, cameras, audio / video distribution.

... and what wasn't mentioned above can be easily integrated to it.

From you iPhone or an Android device, you can control the smart coffee machine or the washing machine or even the AC and of course the home cinema. And you don't really need 10 remote controls to do that!

In the area of products, the most significant innovation in the past year was iNELS product SMART KITS, which is basically a starter pack for the Smart Home or the house with smart wiring. Now and through business networks and internet shops, you can practically control every household by installing the smart wiring system to control lights, heating and even music. iNELS Smart Kits stayed as one of the highest innovations at the highlights for the past year in the products area. Now, thanks to the internet shops in our country, such as "Alza.cz" and "Datart", people can actually go and buy from there the smart simple solutions for their houses, which will enable them to control the lights, heating control and even the music entertainment.

Because of the fact, that everything was being developed as the "in-house" solution, you can actually be sure that everything is working as it should. Our technicians who are carrying out a regular training partners are there to assist you, whether you're just starting out or you have advanced in the field.

Our product development section is inherently connected with the development market. And on the contrary, if sales weren't there, there wouldn't be a product. The annual increase in turnover and development of commercial networks is a big proof by itself. To be always close to our customers (either technical support or well-stocked warehouse), you will find our offices in a number of European countries, as well as in Asian countries. In addition, we have a reliable customers in more than 66 countries and more being added due to the demand increasing for our products. It is an honor, that they can be with us.



Jiří Konečný  
The CEO



# 10 years on the same path

This year, our company will celebrate the "little" anniversary. In time before 2005, we used to move, on average, from one place to another every three years, so 10 years without moving is certainly a time to recap the history.

## NEW PLACES & ROOMS, NEW TECHNOLOGY...

In 2005 we moved from the former site of the loan to the newly built hall in the former sugar factory. Hall, which was 3 times bigger was filled very quickly. The production has moved there firstly. It included the storage technologies. Few days later, the others departments were moved there as well. All production technology were moved as much as possible, and we have added some new ones. At first it was a supple-ment technology with a fully automatic SMD pick and place line. A few months later we were legally pushes to buy a new solde-ring line. In 2006 it was therefore purchased a brand new lead-free solder line, which was supplemented by the shading and nitrogen. Actually, now the nitrogen during the soldering process displaces oxygen and solder joint together and thusly are improved. What solder wave concerned, it was built for the fully automatic conveyor along which are mounted staff classical leaded components.



## A COMPLETELY NEW WAYS OF IDENTIFICATION THE PRODUCTION!

Since 1.1.2005 we have begun manufacturing process using a unique serial numbers for each manufactured paper stock and dispatch system was thus definitively ended. The new system was maintained to various manufacturing operations, which were supplemented by new, more under the supervision of such operations were not only production, but also the material for the production of which has been linked with production dis-ables. An innovation was the use of production code, even when delivery of products, which was (and to this day it is) necessary to issue a specific serial number, not any product. Everything was already only in electronic form, including manufacturing to documentation and procedures. Each manufacturing site was completed on the computer that is running the "consolidated module" and a barcode reader.

## A NEW SMD LINE

In 2013 was substantial completion technolo-gies. With a capacity and increase in production was again necessary to buy mounting SMD line (the second one). The newly delivered machines are more modern, faster and more accurate. The overall increase capacity mounting compo-nents climbed to 1 mil. Ks components per day.



## NEW DEVELOPMENT HALL AND AN INFORMATION SYSTEM

The year 2007 brought the expansion of the premises in the form of our new hall, which is now housed through the entire development and adjacent related activities. Hand in hand we grew, especially in the number of new employees in all departments and begun to think about a new information system (proportional to the size of our company and the capability to adapt to the change according to our requirements). In 2010, our complete wide information system ABRA has been implemented and successfully installed. This system brought mainly intercon-nection of all company processes and still man-ages to all departments of our company.

## A NEW LOGISTICS CENTER

Development of the company requested a further extension. The new hall has become the logistics center, where products are with-out prints, final manufacturing operations, laser description and packaging products.

## PRODUCT BRANDING

Recently we have also switched to laser beam printing (instead of tampo printing for customers) and we have managed to be the first company who's making by la-ser inscription. All product are not printed until they care completely assembled and tested. We keep a huge part of products without printing for our foreign distribu-tors, for which we do individual marking and branding (Schneider Electric, Eaton, Siemens, Hager, ETI, Kopp, Tyco).

# Our success does not only depend on our products

The fact that we are not afraid of the competition has been shown by the annual participation of our company in the society in various competitions. Last year we participated in both ways and we managed to succeed. And not only 100% success is pushing us forward!



## LARA 5 IN 1 SCORES AGAIN!

At the General Meeting Moravian Electrical and Electronic Association with our product, we LARA 5 in 1 won awards Innovative Product of the Year 2014. LARA combines multiple user functions of home electronics and thereby li-mits the number of devices in the house. A very unique comfortable usage creates not only this, but also the possibility of controlling - directly by touching the instrument itself, a remote con-trol or a smart phone.



## WE ARE AMONG THE BEST!

The aim of the "100 BEST Czech companie-s"competition is a nationwide a way to me-asure and choose between the Czech firms, corporations, or companies from a wide range of economic activities which achieved excellence, exceptional or remar-kable re-sults. ELKO EP HOLDING, as was last year, is included in the competition and was awarded the title " 100 BEST Czech companies ".



## NOMINATIONS! THE MANAGER OF THE YEAR 2014

This competition is about presenting mo-dern methods of the company management. In 2015 the managing Director & the CEO of ELKO EP, Mr. "Jiri Konecny" was nominated. The announcements will be happening on the 23rd of April in ( Zofin ) city . Giving the fact, that he was awarded the manager of the year 2004 and his company was awarded the company of the year 2012, Will he be takign it one step further by getting ano-ther award?

# Unity is strength...

Because of the fact that we believe it's not only important to be successful as an individual developing company, but also as a cooperation of entities with the same focus and the same goals, we became members of several associations. Over the past five years, we have incorporated into two major Czech associations, and also to the foreign ones .



## CEDIA

Custom Electronic Design and Association is an international trade organization for re-sidential automation technology with more than 3,500 members as companies from all over the world. It is built on a strong founda-tion and provides access to the best educati-on, certification, research and raising aware-ness among consumers. It was founded in the U.S in 1989 and now CEDIA is leading world authority in the given industry.



## THE ASSOCIATION OF SMART HOMES

The Smart Homes Association brings to-gether experts from the field of equipment manufacturers for smart homes. Members are basically manufacturers of smart wir-ing, audio / video, air conditioning, heat recovery, home appliances, cameras, se-curity system, lighting and other techno-logies. The head of the association since 2013 is the managing director and the CEO of ELKO EP company, Mr. "Jiri Konecny" .



## THE CZECH AND MORAVIAN ELECTRICAL AND ELECTRONIC ASSOCIATION

EIA is a business association and the Em-ployers' Association.

Brings together legal and physical entities from the electronic and electrical indus-tries, medical technology, information services and other companies with related manufacturing orientation or commercial interests.

# The two youngest branches recapitulate...

We are constantly striving to be all around the world. In the last two years we have grown gained two other new foreign branches. How were their beginnings and how they are doing now?

## ELKO EP ESPAÑA

In late 2013, a new branch was founded. ELKO EP ESPAÑA is based in Mallorca, which had its beginning from the immodest goals. Our expectations of the branch did not only meet the expected from it, but also exceeded them in many ways. On the closed Spanish market ELKO EP has actively acquired a site for their products.

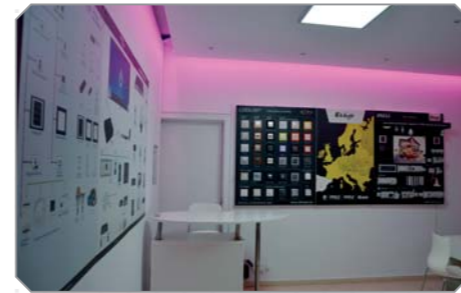
The branch has five employees, it also managed to open a new office with a showroom directly in "Palma de Mallorca" and also successfully represented us at the largest technical exhibition MATELEC 2014 which was held in Madrid.

We are selling our relays and RF Control products throughout the whole Spain, iNELS Bus system mainly in the Balearic Islands. In practice, we have proved that even in a finished villa project in Mallorca, we can increase the comfort of incorporation of the RF Control system.

We have implemented a wide range of intelligent installation iNELS Bus series and we are already preparing projects not only in the Balearic Islands, but also on the main-land around the twon, "said Anthony Vaigel, the branch manager.

## ELKO EP AUSTRIA

Last year, the branch has started its activities in the neighboring country, Austria. The first year was devoted mainly to the communication and the connection with several prominent and small companies that have shown interest in our products. At the same time the branch is actively involved in promoting and creating a great position in the market for RF Control and iNELS BUS system, and that can be shown in several completed projects in Vienna. "It will take more than a hill of hard work to achieve our goals, but I am enthusiastic and convinced that we will manage to push through a conserved so well on the market, no doubt for such a market in Austria." said Peter Růža, director of ELKO EP Austria.



ELKO EP ESPAÑA

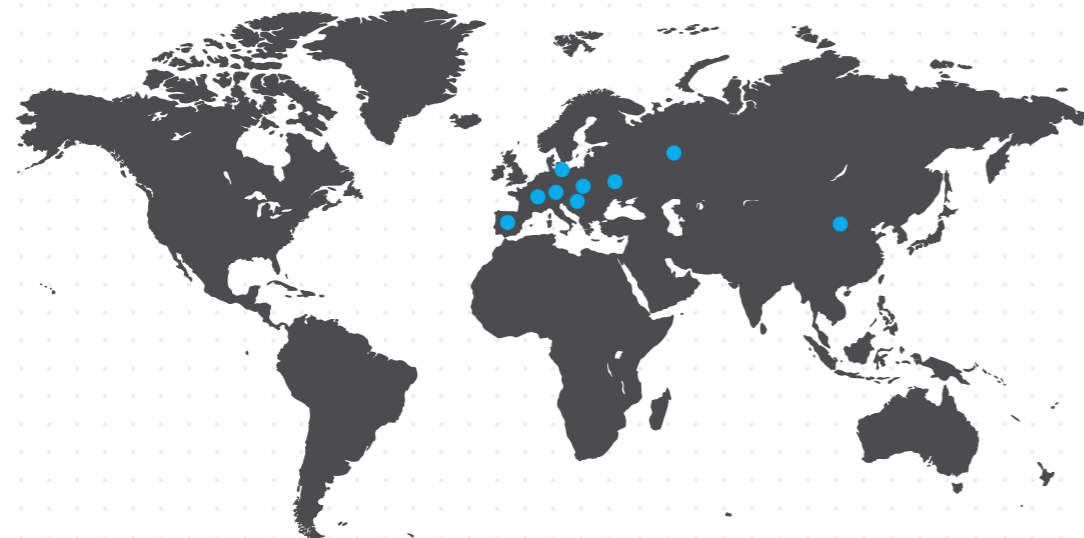


ELKO EP AUSTRIA

# We are being close to you, yet our branches are still expanding!

Currently, there are 9 overseas branches, that belong to ELKO EP Holding worldwide. And we are not ending there! This year we are planning further expansion.

- ◆ CHINA
- ◆ HUNGARY
- ◆ GERMANY
- ◆ POLAND
- ◆ AUSTRIA
- ◆ RUSSIA
- ◆ SLOVAKIA
- ◆ SPAIN
- ◆ UKRAINE



# Even wooden houses can understand iNELS very well!

Are you thinking about the combination of classic wooden house and smart home? With our RF Control solution that is not a problem anymore! Without wires, building modifications, unnecessary costs and delays you can incorporate and have the smart controlling system into existing wooden buildings.



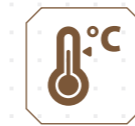
## YOU CAN BASICALLY CONTROL WHATEVER YOU WANT!



**APPLIANCES**  
Switching your devices is a sure thing. Your fan, irrigation, heating... all of that is being done simply!



**LIGHTING**  
Simple and easy way switching and dimming of the lights around the house.



**HEATING**  
Get the exact needed and desired temperature in all the rooms.



**SAFETY**  
Making mistakes is within the human nature, and therefore, your house can think for you. It will turn on or off what is exactly needed.



**BLINDS**  
Controlling the blinds and shutters depending on the intensity of sun-shine and weather changes can be done fully automatically.



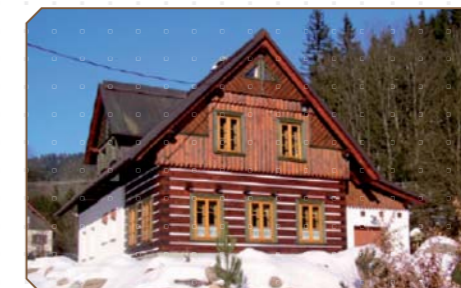
**GARAGE DOORS**  
iNELS locks the entrance gate and the garage door before you even sit down to watch your television.

## WHY BASICALLY TO CHOOSE INELS RF CONTROL?

- ◆ NO CONSTRUCTION WORK!
- ◆ QUICK INSTALLATIONS
- ◆ THE VARIABILITY OF ELECTRICAL FEATURES
- ◆ SAVING UP TO 30% ENERGY COSTS DUE TO HEATING CONTROL
- ◆ AFFORDABLE PRICE FOR EVERYONE
- ◆ A DESIGN THAT TAKES THE BREATH AWAY!

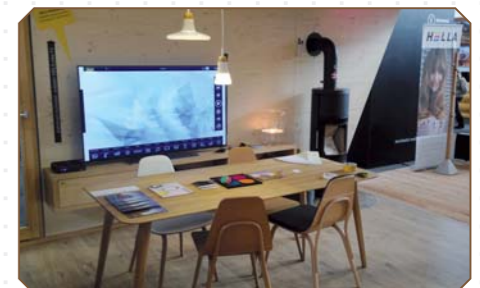
## SAMPLE OF REFERENCES

We really appreciate the fact that our system has penetrated into the field of wooden constructions and we will introduce to you a ready project, which since its inception made the life easier for our customers. Hostalkova or the beautiful ranch cottage in the Black south are proofs of that. Did you also enjoy our system in the reconstruction of your wooden houses? We welcome your suggestions, comments or actual photos via email. Please contact us on: elko@elkoep.com. Thank you!



Timbered cottage | Černý Důl

Controlling the lights and shade, regulation of central heating, switching gas boiler and ventilation using heat recovery units.



The wooden houses 2015 | Praha

We have successfully proved, that modern technologies can also be applicable in simple wooden houses.

# We are going with the new iNELS web page!

Third time's a charm! After 2 years, the iNELS SMART HOME SOLUTIONS system again lived to see the the new website. During that time we have made great progress, and therefore the web must not be left behind!

At the end of 2014 our new website www.inels.com was officially launched. The website is built on a completely new content management system. The graphical form based on contemporary modern trends in the style of one page, accompanied by interactive elements. The correctness of choice has been confirmed by many positive reactions.

Our Internet support on www.inels.com has been for the permanent and new customers especially informative. The clear and simple structure helps to end, and corporate customers for easier orientation.

„From the customers potential a demand for a clearer and more intuitive web interface form was created. A Choice of simple structure with regarding to expertise and innovation in the field of intelligent home as a very suitable way. Smart homes has entered the large Czech market with a big name, and we are here, as an experienced Czech producer and seller, we have

become a reliable partner for every home and business, and our new website as vital communications gateway.“ Said Jiri Konecny, the CEO.

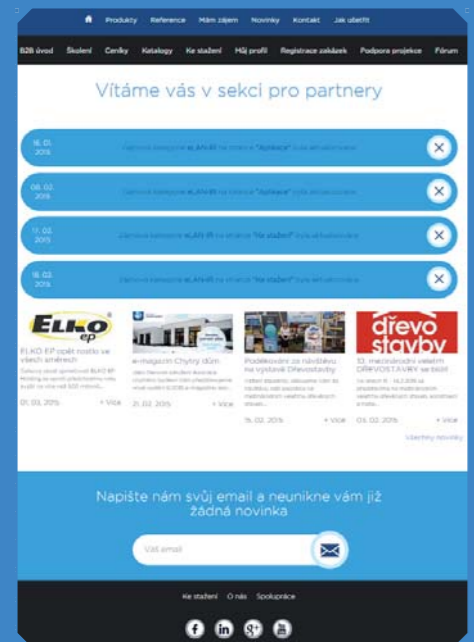
Our iNELS products in this millennium, has become the new platform of modern living, therefore it was important and in order to facilitate for those interested customers and create it so. Now, it is a guide to help create specific and clarify specific demand and establish the foundation for forming personalized offers.

Newly implemented progressive form of online chat where users can look forward to more flexible online support. Visitors to the site can also try the real-time control of individual iNELS elements in showrooms in Prague and Holešov. The new interface will include an even new section for partners that will be in addition to the new segmentation and personalization also extended discussion forum.



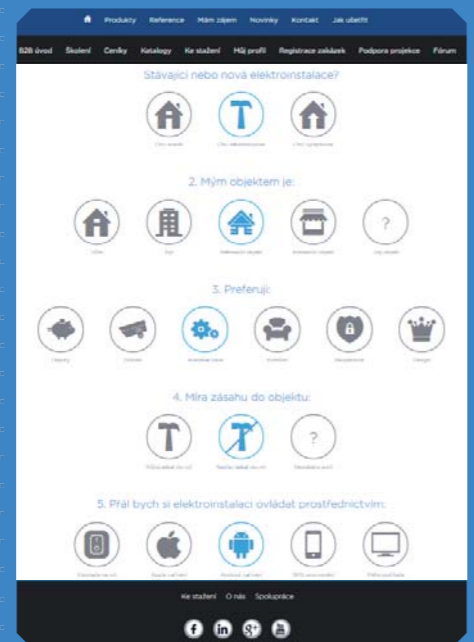
## A NEW SECTION FOR OUR PARTNERS

If you are one of our partners, then you can look forward to the new form of web interface over here. In the first section, we will be informing you about our latest news including file updates. Outside the complex business and IT support for this interface you'll be also able to see the new "Forum" section.



## A GUIDE FOR SMART INSTALLATION

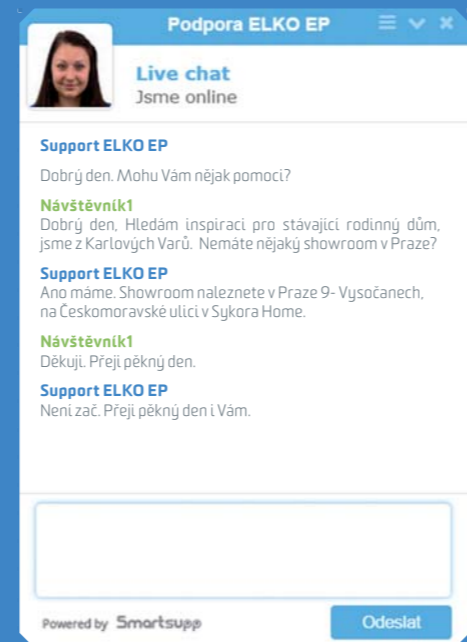
Try our quick guide that helps you to specify your basic requirements and suggest you the most suitable option whether you want to build, reconstruct or improve. From iNELS select the best for you and help you find " tailor-made " customized solutions.



## WE ARE ONLINE TO LIVE CHAT!

Our motto is "Always some-thing more." We, therefore, are available on our online chat (on elkoep and inels web pages). From Monday to Friday from 7.00 to 21.00, on weekends from 10.00 to 19.00 hours.

We are looking forward to your questions!



# We bring to you 10 new ways on how to save!

Do not pay more than you have to. Every household conceals a wide range of hidden "glutton" energy that each month prepares for you a considerable amount of money to pay. We will help you to get rid of unnecessary spending. It's that simple!



## DO YOU FORGET THE LIGHTS ON?

The light shines in vain in the bathroom, the toilet, in the pantry, in the basement ... just in those rooms that you visit frequently and fitfully you turn it off until the next time you visit the same room. In the hallway we turn the lights on quite often, even in cases no one passes through them. Someone just turned on the light at the entrance in common areas, but on the stairway we can see that, the light is off rarely.



## REDUCE THE PACKAGE, of main circuit breaker

Payment the electricity bill depends on the amount the electric energy and its distribution. The fee for the electric energy is mainly corresponding on the main circuit breaker in the house. The value of the main circuit breaker is chosen to match the max. concurrence current. This means that your main circuit breaker "tripped" when you turn on all appliances at once. Do you need to turn on all the appliances at once?



## TURN THE LIGHT ON, only when it's necessary!

In winter, you do turn on the lights really early in the morning and then often you do forget it on for the rest of the day? Do you switch it off in the right moment? And what if it's getting dark outside during the winter day time, sooner than you thought? Do you again turn the lights off and on? ... In the offices of your company, you don't have to deal with that anymore, after all, your employees do not pay rhe electric bill in order for it to be shining & bright in your office all the day ...



## PROTECT YOUR APPLIANCES!

Have you ever experienced this before? Your TV is broken. You contacted the service and then they tell you: "Illegitimate claim that you have a network overvoltage!"



## CONCEAL ENERGY GUZZLER

Have you ever wondered whether your electrical appliances in your house that constantly connected to the sockets consume energy even when they are turned off? The answer may surprise you. Practically, every appliance - TV, DVD, amplifier, audio / video or all chargers in the house that are not pulled out of the socket consume an unnecessary energy.



## SWITCH ARRORDING TO THE TIME

Each WC and each bathroom has not only a fan installed to it, but also lighting. It often happens you switch the light off, but the ventilator is still on. And if you want to enjoy hot tubs, then certainly you do not want to listen distracting fan noise, however, you still want to ventilate the room.



## HEATING REGULATION IS UNDER CONTROL

Increasing the temperature in the room depending on the time of the day is surely welcomed to be controlled by us, according to our needs and preferences. But how to properly heat the house without throwing away good money out the window? Without regulation, it can often lead to disproportionate temperature fluctuations and thusly during the evening time, for example, your place is super warm.



## DIMMING IS NOT ONLY during romantic time

The light shines still at 100%. Such intensity is not always necessary. Did you know that light and its character can influence its glow? The solution is more than just take less powerful lamp or chandelier in one of the bulbs permit.



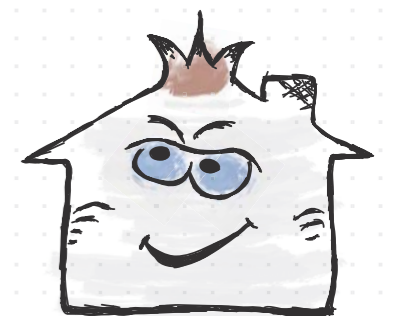
## AVOID HIGH TARIFFS

If you have a two-way tariff for electrical supply, then you might want to know that, the difference between the low and the high tariff can sometimes exceed more than 50%. High tariff can last for 4 hrs. / day and is remotely controlled from your distributor energy by energy peaks. It is therefore obvious move cooking or washing out of high tariff.



## CHANGE YOUR LAPMPS TO LEDS

A normal light bulb has a lifespan of 1000 hours. You are changing it at least once a year. In comparison with the LED bulb is up to 10,000 hours, thus 10 times more durability. In addition, from September 2016 all the light sources within the energy classes less than B will be banned.



# Smart kits for your home

It's the revolution in housing. We introduced a new product kits to the market (smart and wireless), through which each house can easily become a smart house. The Smart Kit is set to start package for Smart Home. The actual implementation will entertain every playful family!

The user brings the modernization and comfort and significant savings that can in many cases up to 30% per year.

Kits are divided by Theme, for example, remote control of heating, lighting, music player and Internet radio.

We became the first company on the market who provides this type of products in the Czech Republic. Newly allows each household to take advantage of intelligent wiring through their own simple installation. All at a reasonable price.

All kits are made by Czech developers, engineers and workers. From the user's perspective, but it is essential that it is possible to freely connect not only individual sets, but gradually to build the entire smart house system.

All components of the kits, and other elements of the system iNELS that allow control functions such as shutters, gates, CCTV systems, etc., are fully compatible and can be connected and integrated. In addition, as the manufacturer provides a warranty of 5 years. Each set can be with other intelligent features whenever any expansion is needed.

**NEW ON THE MARKET**



## GAME OF LIGHTS

A KIT FOR LIGHTS CONTROL WITH A SMART PHONE

There has been never lighter evoke an appropriate ambience for reading a book before, watching a movie or a party with friends. All you need is this set up with a clever box and wireless bulbs. then control the lights comfortably from your smartphone, tablet or SMART TV. You can control how colored or white light bulbs, and even appliances. Try it!



KIT'S CONTENT



## REMOTE HEATING

A KIT FOR HEATING CONTROL WITH A SMART PHONE

Heating control remotely is no longer a mere imagination. This set includes 3 wireless thermostats, which are easy to install on radiator valves. It Measures the room temperature and sends the message to the Smart RF box, which then compares the data with the temperature set together with the time that the program was set on your phone. Subsequently sends a command to open or close the valve. The application can start or stop whenever the heating circuit on or off.



KIT'S CONTENT



## HEATING WITH SAVINGS

A KIT FOR HEATING CONTROL WITH A SMART WITH A CENTRAL UNIT

Do you want to get rid of the fear of heating costs, while again your whole family is taking about enjoying a winter season in a warm place? This set includes 3 wireless thermostats, which are installed radiator valves. It measures the room temperature and sends this information to the touch control unit. She compares it with the temperature set along with time program and sends a command to open and / or close the valve. The unit can be set to touch the heating programs in the weekly mode for each circuit (room) separately.



KIT'S CONTENT



## EASY HEAT REGULATION

A KIT FOR WIRELESSLY CONTROLLING THE ELECTRICAL HEATING.

The temperature in the room is always at your request. Easily, setting your thermoregulation enables you convenient and quick control of the heater or mobile air conditioning. Simply plug the device into the controlled switching regulator outlet and properly position. The required temperature can then be set directly on the controller, which compares it with the current. Practical set can be used for around a year around each house, apartment or cottage and the whole family there will appreciate it!



KIT'S CONTENT



## LARA & MUSIC IN THE SWITCH

A KIT TO CONTROL YOUR MUSIC ENTERTAINMENT PLAYED BY INTERNET RADIO STATIONS

LARA brings you new music experience across any room in the house! A well built-Internet radio and music player at the same time has preset the most popular Czech radio stations in 40 preset. A built-in amplifier allows a direct connection to the speakers or you can basically connect an external speakers to finish the ceiling or the wall. Now you can dance to your favorite songs perhaps in the kitchen or the bathroom!



KIT'S CONTENT



## ONE CONTROLLER FOR ALL

A KIT TO CONTROL YOUR IR DEVICES USING YOUR SMART PHONE

What about your mobile phone as a remote control? Through our clever boxes eLAN-IR, you can control your home appliances simply via your smart phone. You no longer need a lot of other remote controllers, you do not seek or change the batteries. Your phone is always at hand. Even you can also control devices in other rooms, such as in a late hour, turn off the television in the children room!



KIT'S CONTENT



## YOUR HOUSE UNDER THE THUMB

A KIT TO CONTROL YOUR HOME APPLIANCES USING YOUR SMART PHONE

Control your house with your phone! This kit offers the unique combination of several components in a wireless system that will easily set in your home. Through a mobile phone so you can control lights, ventilation, air conditioning, heating, or even watch what is happening in your house when you're on vacation.



KIT'S CONTENT



## COLORED RGB LED STRIP

The applications that are available on your smartphone sends RF commands to the dimmer box element to which it is connected RGB color strip. The application can be switched on / off, adjust the color and start a scene or automatic blending colors. The Smart RF box can connect up to 40 dimming control elements and more than 100m of RGB LED strips

## UNDERFLOOR WATERING

In any location, the wireless temperature regulator measures the temperature in the space, and compares it with the one set in the time schedule and gives a command to the switching element. A six-channel switching element capable of on a command from the thermo control up to 6 of the thermostats of corresponding heating circuits.

## UNDERFLOOR ELECTRICITY

The heating and switching element(all in one) measures via the external sensor the temperature in the floor. Then it sends it to the wireless touch unit, which compares it with the temperature set along with the chosen program time and sends back a command to switch on / off the heating circuit. You can connect up to 4 temperature / switching elements.

## ANTI-FLOODING SYSTEM

The wireless sensor monitors in a critical locations (basement, pits, shafts, bathroom, laundry, ...) a leakage of water and immediately commands the switching element to close the solenoid valve of the main water supply. It can also be dibe via the GSM Gateway, it sends an SMS to inform the users about this accident

All of these kits can be purchased at our portal:

[www.inelskits.com](http://www.inelskits.com)



# The largest electronics stores in the CZ are selling our products!

Our KITS product "iNELS" (starter packs for Smart Home or house with smart wiring) open the way to new smart home!

Thanks to this product, we have managed to establish cooperation with the internet business network Alza.cz and Datart, so gradually and in stores.

Every house, apartment or any other property can be controlled through wireless technology to remotely controlled via single device, such as by phone or tablet.

## SMART HOME ON ALZA.CZ

With the introduction of the starter kits for the smart home, there was a new range on the e-shop Alza.cz to show the new section of the Smart wiring. In it, among other things, you can buy all iNELS kits that allow you to control heating, lighting or music.

## DATART DOES NOT REMAIN BEHIND

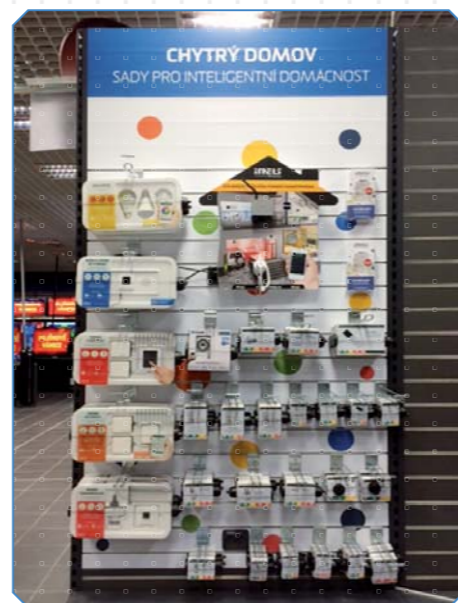
On December 15th, we started working with Datart. In ten high street stores as well as e-shop, you can now purchase not only our Smart Kits, but also a whole range of our products. See it by yourself!



The VISUALIZATIONS of the Smart Kits presentation



Our presentation in the showroom of Alza shop in Prague Holesovice



Our presentations in Datart shops

## LIST OF DATART SHOPS WHERE YOU CAN BUY OUR PRODUCTS

DATART	ADDRESS
PRAGUE	Novodvorská OC Plaza Novodvorská 1800/136, Praha 4, 14
PRAGUE	Pankrác Na Pankráci 86, Praha 4, 140 00
PRAGUE	ČČM Chlumecká 765/5, Praha 9, 198 19
PRAGUE	OC Galerie Harfa Českomoravská 15, Praha 9, 190 00
ČESKÉ BUDĚJOVICE	Hostivař Nádražní ulice 1759, České Budějovice, 370
PRAGUE	Chodov Roztylská 2321/19, Praha 9, 199 00
PRAGUE	Letňany Veselská 663, Praha 9, 199 00
LIBEREC	OC Nisa České Mládeže 456, Liberec, 460 03
ZLÍN	OC Centro 3.května 1170, Zlín 4, 763 02
OSTRAVA	Avion SP Rudná 114/3114, Ostrava-Zábřeh, 700 30

# The smart homes association



Maybe it has already occurred to you, that during the construction or reconstruction of the house there might be an unusual unique solution for electrical and smart technologies in the building for your comforts.

## BUILD A HOME WITH US, THAT WILL THINK FOR YOU ...

Enjoy the smart and practical living in your own house or apartment! In the home we are ensuring safety, comfort and energy savings as well as your time. The concept of smart living is to offer a different solutions for those who are planning a new building, complete one or rebuild with new wiring, as well as for those who are preparing reconstruction or improvements to your house, apartment, office or other spaces.

## ONE HOME, ONE SYSTEM, ONE CONTROL

The main advantage is to control all electrical appliances and devices in the home using a single application or a device, for example, a tablet, a smartphone or a smart TV, either from home or remotely from outside. Lights, heating, blinds / shutters, home appliances, AV equipment, security equipment, door communication, weather stations, recovery and other, communicate all can collaborate in a single system.

## TAKE A LOOK WITH US AT THE REALIZATION STORY!

In various parts of the series will take you through an entire new building, to learn how smart wiring differs from the conventional and what are the practical benefits for the entire house and its owner.

[www.achb.com](http://www.achb.com)



A MEMBER OF:



# Applications, which are going a step further, day by day.

The trend is very clear. Control quickly, easily and the best way is via a mobile phone or a tablet. Options to control smart home are getting wider and more comfortable every day. And we are ahead of the track. The iNELS HOME CONTROL (IHC) applications still requires attention, we constantly innovate it every day so we move a step further. We are constantly optimizing and expanding more and more features, which include:

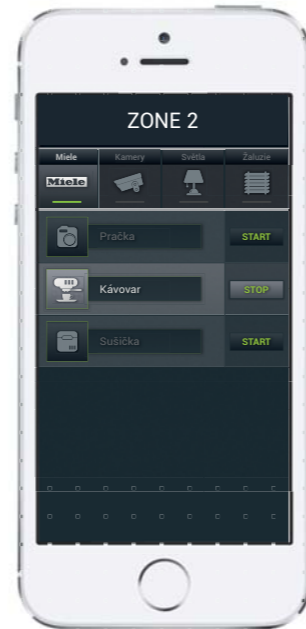
- SAFETY** - The possibility to use passwords to access some personal rooms (which can be used for example in office buildings or domestic houses to restrict children's access to control some certain technologies).
- COMMUNICABILITY** - Communication with the door bell can be done from your TV and other smart phones or tablets in the system. In addition the audio/video communication with the door bell can also be opened directly by opening the gateway using the icons.
- THE INTEGRATION OF THE 3rd PARTIES** - To attempt a successful integrate to as many third party technologies as possible, we added the integration system of third parties to iNELS, thus iNELS becomes truly universal system. You can connect to it any smart third party device you can think of, and that involve a variety of appliances.



Camera's menus



The menu of incoming calls



The menu of Miele appliances

## We are constantly innovating ...

iMM a Connection Server are here to be seen!

- IP cameras support with the universal ONVIF protocol (supporting nearly 300 producers)
- support for communication with XGW 3000 the gateway within the Miele @ home 2.0
- support of the new Gateway type for integration CoolMasterNet VRV and VRF air conditioning system (it supports 11 world manufacturers of air conditioning)
- support for direct communication with security systems Jablotron 100 and Dominus
- integrating amplifiers via LAN interface
- the Multiroom function is implemented so

- the music will playback on multiple zones simultaneously
- basis on the information of on wind speed, temperature, and humidity of visualization Giom3000, the weather station can run arbitrary actions (for example: to automatically pull outdoor blinds to protect it against any possible damage)
- the number of zones for energy metering was expanded
- integrating climate control signal from 0-10V (for example: LG)
- integrating IVAR, NILAN and IVT
- A whisperer filtering elements in creating icons was created



Connection Server



iMM Client

# An overview of our applications

		iNELS BUS System (BUS "wired" Electrical installations)					iNELS RF Control (Wireless Electrical installations)		
		Android		iOS		Linux	Android	iOS	Smart TV
		Tablet	Telefon	iPad	iPhone	TV	iPad	iPhone	Smart TV
		iHC-TA	iHC-MA	iHC-TI	iHC-MI	iMM	iHC-MARF	iHC-MIRF	iHC-TVC
BUS & RF	Lighting	✓	✓	✓	✓	✓	✓	✓	✓
	Shutters	✓	✓	✓	✓	✓	✓	✓	✓
	Switches	✓	✓	✓	✓	✓	✓	✓	✓
	Outdoor gates	✓	✓	✓	✓	✓	✓	✓	✓
	RGB lamps, LED strips	✓	✓	✓	✓	✓	✓	✓	✓
	Scenes	✓	✓	✓	✓	✓	✓	✓	✓
	Heating Control	✓	✓	✓	✓	✓	✓	✓	○
Integration of third parties	Multimedia	✓	✓	✓	✓	✓	✗	✗	✗
	Cameras	✓	✓	✓	✓	✓	✓	✓	✓
	Air Conditioning	✓	✓	✓	✓	✓	✗	✗	✗
	Recovery	✓	✓	✓	✓	✓	✗	✗	✗
	Home Appliances (MIELE)	✓	✓	✓	✓	✓	✗	✗	✗
	Weather station	✓	✓	✓	✓	✓	✗	✗	✗
	Measurement and visualization of the energy	✓	✓	✓	✓	✓	○	○	✗
	Door Communicator	✓	✓	✓	✓	✓	✗	✗	✗

- ✓ It is supported
- We are preparing for it
- ✗ It does not support it



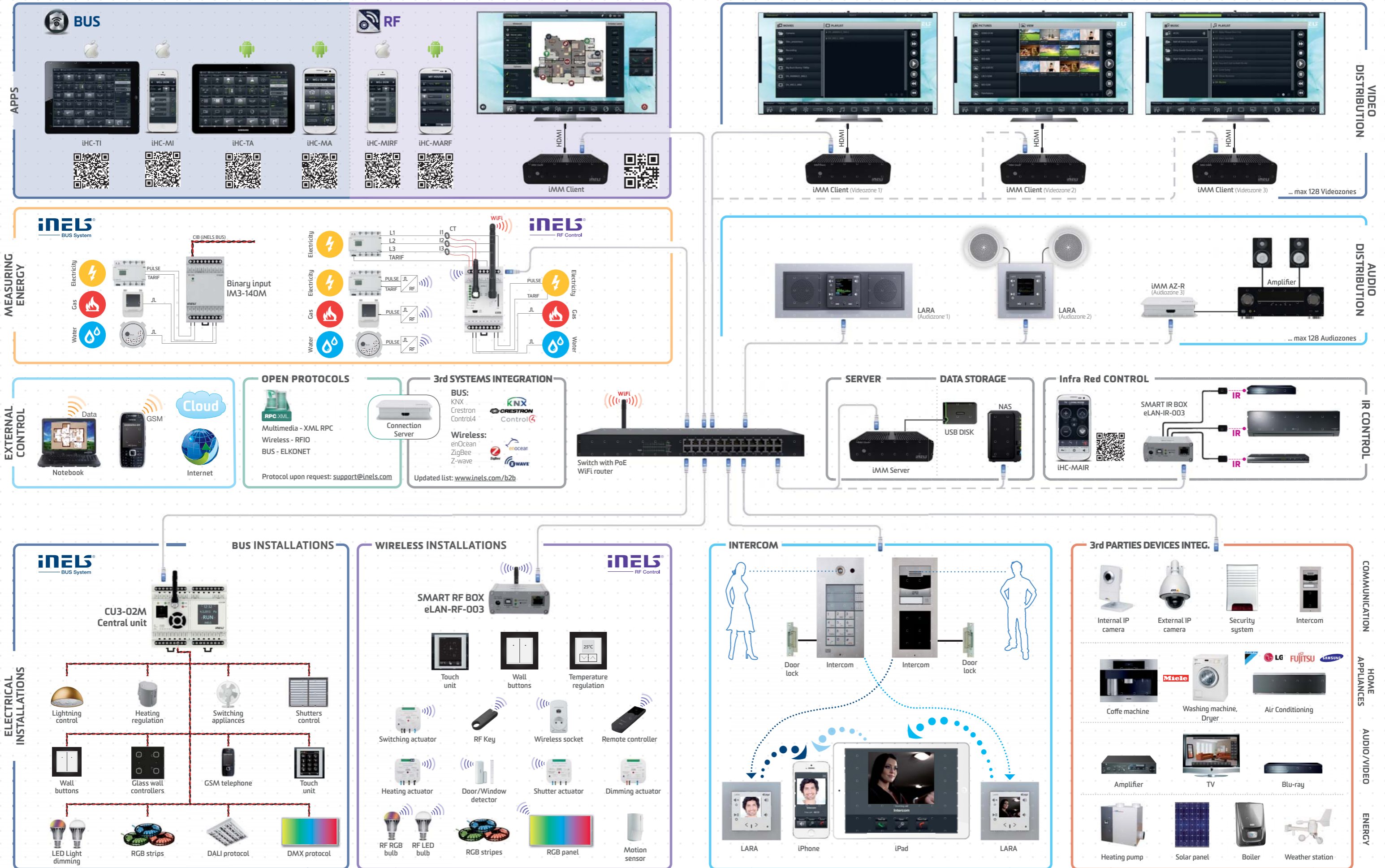
Apps are FREE to download on [Download on the App Store](#) or [GET IT ON Google play](#)

[www.inels.com/produkts/applications](http://www.inels.com/produkts/applications)



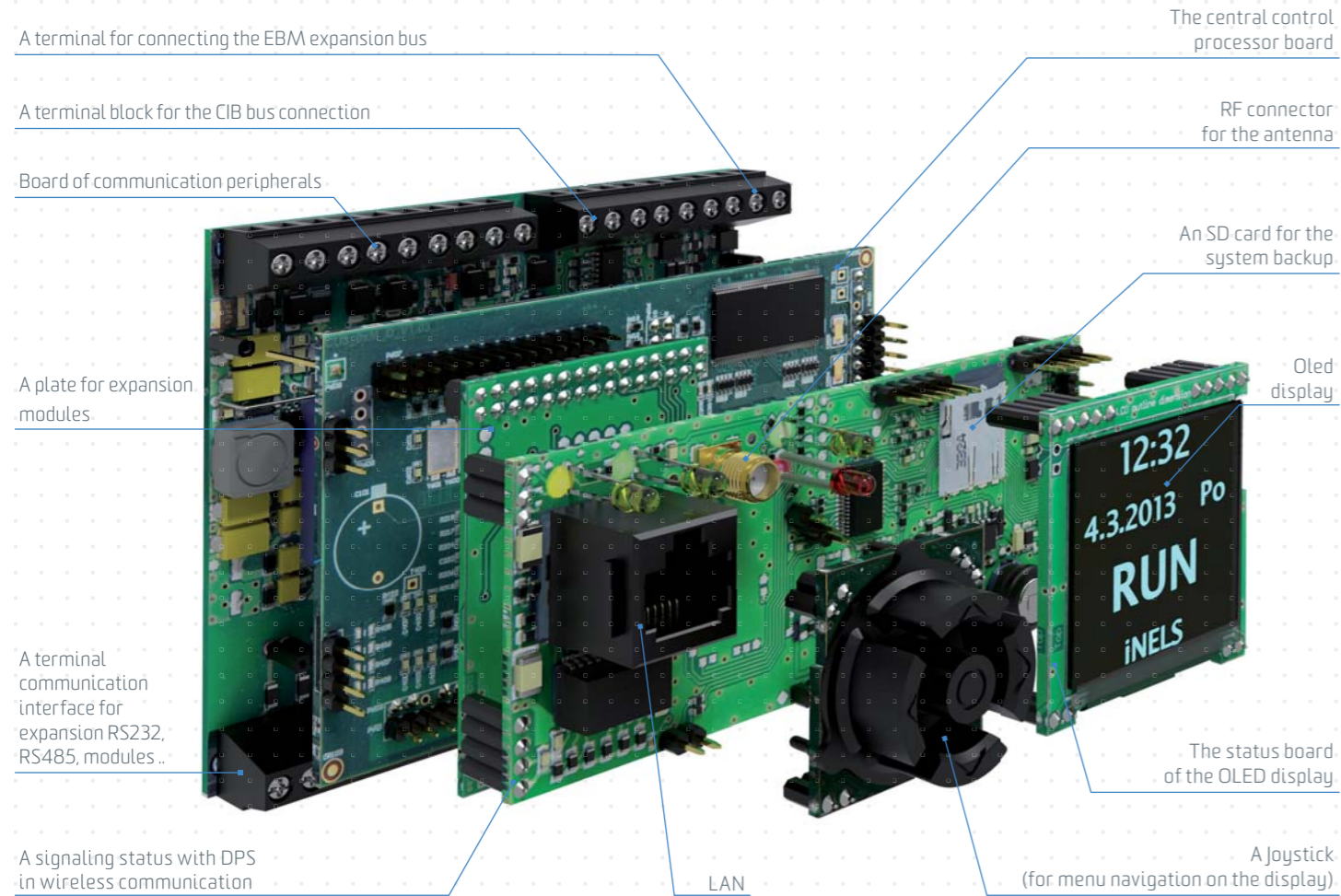
# If smart technology understood..

# each other!



# Hi-Tech

We introduce the most advanced technology available from our system iNELS. The central unit CU3-02M is the brain of the system. See how it looks inside.



# We are manufacturing the " Relays "

We greatly appreciate the long term partners who are successfully cooperating with us. We value their feedback and mutually enrich the experiences and insights from our practical point of view.



# Radio, music, ... in the wall switch!

Can you imagine that your classical wall switch will be playing the radio , normal music and will be able communicate through it with roommates or a visit at the door? Yes, it is possible. For all mentioned, we managed to make it all happen in a single device with the size of a switch

## LARA AS AN INTERNET RADIO PLAYER ...

Enjoy listening to any station in the world without the unpleasant aftermath of classic FM tuners. The switch design allows Larue style to be used in every room of the house. For those frames we can select a from a plastic body or natural materials, glass, metal, wood and granite.



## LARA AS A MUSIC PLAYER ...

Would you like to have your audio files just available in different rooms? Whenever you're in the mood, LARA can play the music. You can listen to them and can control them all from one place using your smart phone.



## LARA AS AN INTERCOME ...

LARA Intercom allows you to play music from the store, listen to the internet radio and even communicate. This unique device can communicate between different rooms in the house and also serves as an internal unit in the conjunction with the sound of the door.



## ELECTION OF COLOUR COMBINATIONS

All the color combinations including the ordering codes are available on our web page: [www.elkoep.com/lara](http://www.elkoep.com/lara) or on your e-shop web page [www.eshop.elkoep.com](http://www.eshop.elkoep.com).



# The Ways to Install LARA

## POE POWER SOURCE + WIFI TO THE BOX

WiFi bridge with PoE power supply and the installation box. 230V.



The power set is designed for installation in existing buildings (apartments). It is used everywhere where it is not possible to carry out construction work or in any way LARA connect to the internet LAN cable. The kit includes a power supply (which connect directly to the power cord) and Air Gateway for wireless connection to the LARA Internet connection. The Installation is within LARA itself. PoE injector is designed for mounting into installation box

## POWERING POE TO THE BOX

PoE injector with power supply to the installation box. 230V.



The power set is designed for installation in the new as well as an existing homes (apartments). It is used in places where it is possible to bring the installation box to a LAN cable, or where the cable is already fed. The power supply is located in the installation box and the cable is required for the connection. The kit includes power source or a PoE injector that connects to a (LAN cable)

## POE POWER SOURCE + WIFI

WiFi bridge with PoE adapter to plug into a 230V wall socket.



The power set is designed for the new installations in new as well as existing homes (apartments). It is used in everywhere where it is not possible to carry out the construction work or braking into the walls, or in other way, you can try any way to connect LARA to the internet LAN cable. The kit includes a power supply (which is being plugged into the socket) and an Air Gateway for the LARA wireless connection to the Internet

The wired "the BUS" electrical installations is everywhere around us. It is part of each building. It couldn't remain the same without it stepping in to the world modern technology. Turn on, turn off, or run the blinds today anybody can do. However, we wanted to go a step further. We wanted to create a truly intelligent system. And THAT is iNELS.

The bus solutions iNELS BUS System is a unique electrical solution, specially if you're building a new house or doing a complete re-construction. The system offers a wide range of functions. The methods of operation can easily adapt to the user needs over time and wiring can be further extended. A very popular case was the usage of applications in smartphones and tablets, which represent an effective and easy way to control the house in your absence.

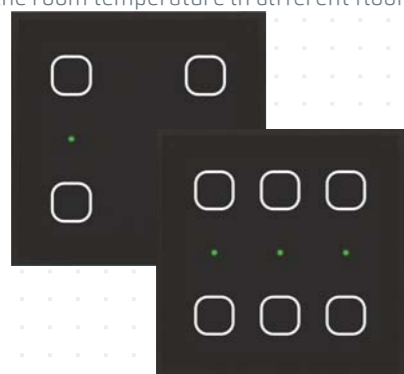
Our iNELS Smart system (already III. Generation), which was launched last year on the market, here comfortably settled and gained an unshakable position. So carelessly can control not only the wiring in homes, offices, production facilities, but it can be controlled also hotels and other commercial premises. The new generation of iNELS does exactly what it was expected from it and we could see that it is increasingly gaining a huge ground in the field of larger spaces and buildings. iNELS Interest also illustrates the number of candidates who participated in the technical training of the new iNELS generations, both at home and around the world, and of course also implemented projects.



## TOUCH CONTROLLING UNITS...

### GSB3-40, GSB3-60

The wall touch glass control unit GSB3 is now an amazing new update as a new element for the house that is equipped with iNELS. There are different versions available with four or six touch buttons. Each one of them can also be provided in black or white colors, so GSB3 can be appropriately integrated into any interior. Drivers or the controllers are equipped with a lighting sensor, LED diodes indicators allows you to measure the room temperature in different floors.



GSB3-40, GSB3-60

## HEATING MEASUREMENTS ...

### TI3-10B, TI3-40B, TI3-60M

Inputs temperature units allow you to measure the temperature of virtually anywhere, thanks to the support of a number of temperature sensors - Pt1000, Ni1000, Pt100, NTC (TC, TZ).

The measurement is now not only more accurate, but thanks possible support (e.g. Pt1000) it can be also be performed over longer distances.



TI3-60M

## CONVERTING THE SIGNAL ...

### ADC3-60M

Analog-to-digital signal converter has received two new entrances, however, the price remains the same! Integrating devices generate a voltage or current signal, respectively. temperature sensors Pt1000, Ni1000, Pt100, NTC (TC, TZ) are now even simpler with more accurate result. ADC3 unit is recommended to use in the conjunction with one of four types of professional weather station Clima sensor.



ADC3-60M

The Wireless Smart control system .... A Comfortable operation with elegant design. Thanks RF Control elements you now have your house literally under your thumb. All are controlled simply by using a computer, tablet or smartphone.

## THE WIRELESS TOUCH CONTROL UNIT

The Wireless Touch Control Unit RF Touch offers complete control over heating, switching electrical appliances and devices, dimming lights or blind control. All automatically, wirelessly and in a luxurious design specially made for you.



jednotka RF Touch.

- ◆ An innovative menu for heating control (functionality enhancements)
- ◆ Extension of the languages (14)
- ◆ Controlling RGB and monochrome LED strips
- ◆ The possibility of playing with a flash FW key

## THE SMART BOX ELAN-IR-003

The Smart IR box has received its application, which has finally allowing its control to become even more efficient and enjoyable. With eLAN-IR-003, you can now easily have all the previously mentioned appliances controlled via your smartphone.



ELAN-IR-003

- ◆ Features scenes including the delay commands (with one click you turn ON more AV)
- ◆ The ability to assign up to ten smart boxes for application
- ◆ The automatic assignment of IP addresses

## THE REMOTE CONTROLLER RF PILOT

The RF pilot Remote Control allows an intelligent control of RF units. It is the central control unit for switching electrical appliances and devices, lights dimming and control the shutters. With bi-directional communication commands it's not only transmitting but also receives and displays the status of stored elements.



RF Pilot

- ◆ The Ability to control up to 140 m RGB LED strip at the time
- ◆ New buttons for convenient operations

## THE WIRELESS THERMOSTAT RFTC-100

The wireless controller in the LOGUS<sup>90</sup> design measures the current temperature on the basis of a set program sends a command to switch the heating / cooling.



RFTC-100G

- ◆ Adjustable daily / weekly. Automatic switching program (5 programs in one day)
- ◆ Measured temperature range 0-55 °C
- ◆ Backlit LCD Display
- ◆ Network controller power supply 230V AC
- ◆ Range of 100 m (in open area)

## A MONITORING ELEMENT RFPM-2

RFPM-2 measures the power consumption using coils. It basically sends it sent to the system element. After that it is displayed on the display RF Touch unit or application iNELS Home Control in your smart phone or tablet.



RFPM-2

- ◆ Storing data in the internal memory element (Possibility of integrating SD card)
- ◆ 2x Tariff consumption measurement
- ◆ Adjustable response to specific consumed value
- ◆ Connection of up to three measuring sensors

## THE INELS ELEMENT-DALI/DMX - EMDC-64M

The unit is designed to control electronic ballasts DALI and DMX receivers from the iNELS system . It allows you to control up to 64 independent DALI electronic ballasts for fluorescent, LED and other lighting fixtures; also connect up to 32 DMX receivers in one segment.



EMDC-64M

- ◆ Driving through a system bus EBM or wireless transmitters (depending on system)
- ◆ Selection of control (RF / EBM) and controlled (DALI / DMX) interface using DIP
- ◆ Switches on the front panel of the power supply voltage 230 V AC

# Modular electronic devices



We measure, switch, regulate. And in 2015 with better helpers Look at the main news from this area!

## SINGLE PHASE METER PM-1

An electronic meter for measuring active energy (current consumption) which is used for the usual measurements up to 50 A. It has a digital design with seven-LCD display and overload indication - an orange LED.

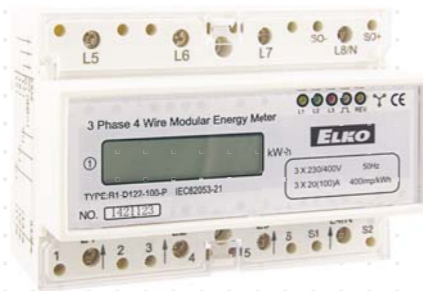


PM-1

- ◆ Integrated protection against wrong installations (parallel)
- ◆ Accuracy Class 1
- ◆ Pulse output SO interfaces (DIN 43864) for connecting a visualization system for measuring power in iNELS
- ◆ The 1-module for DIN rail sealable cover

## THREE PHASE METER PM-3

An electronic meter for measuring active energy (current consumption) which is used for usual measurements up to 100 A. It has a digital design with seven-LCD display and LED indicator displays the status (no load, normal, overload).



PM-3

- ◆ An Integrated protection against wrong installations (parallel)
- ◆ Class 1 accuracy
- ◆ Impulsni Output SO interfaces (DIN 43864) for connecting a visualization system for measuring power in iNELS
- ◆ Version 7 module on the DIN listus sealable cover

## DIMMING ACTUATOR FOR DIMMING THE LIGHTS DCDA-33M/RGB

LED Dimmer DALI / DMX DCDA-33M / RGB is used for dimming monochrome LED and RGB LED light sources 12-24V DC power supply, which is controlled by varying the current. Dimmer can be controlled by DMX or DALI bus. It is also directly controllable system iNELS BUS.



DCDA-33M/RGB

- ◆ Setting up a communication interface and addresses is done thanks to the DIP switches
- ◆ Using the control buttons on the front panel, which makes you can manually control the given output
- ◆ Input circuits of communication interfaces are optically isolated from the power supply connected light sources

# Electrical Devices



The electrotechnical world is constantly evolving and we can not just stay behind, so we are bringing to you these amazing innovative products.

## A VLC DISCONNECTORS FOR CYLINDRICAL FUSE EFD-10, EFD-22

The VLC switch-disconnectors for cylindrical fuses are manufactured by ETI and they were modernized additionally to the new series bears of the new designation EFD. The new thing of these disconnectors is the opportunity to build their own version of the multipole. This design is original and saves many types of stock.



EFD-10, EFD-22

- ◆ Sophisticated ventilation (ensuring dissipating heat losses from fuse)
- ◆ Innovative opening system (sealing option both in position ON and OFF)
- ◆ Silver plated contact surfaces with fuse (to minimize heat loss)
- ◆ Blown fuse indication (LED is possible)

## A GT SWITCHBOARD (IP 65 CERTIFIED) GT-1

This is a metal box designed for surface mounting. It basically covers a wide range of applications and it is designed especially for industrial and also residential construction. These enclosures are constructed of steel sheet with high stiffness and thickness are resistant to external mechanical factors - IK10.



GT-1

- ◆ A high level of protection IP 65
- ◆ Mechanical strength and functionality
- ◆ Profiled edge of the cover (providing rigidity and protection against water)
- ◆ The possibility of linking several cabinets in a row can be mounted on the left or right side (due to special construction)

## ROTATING, CAM SWITCHES PS25-10

The CS switches series are designed for multiple switching in the main and auxiliary circuits. They are designed for direct online starting and stopping of single-phase and three-phase motors. They can also be used as a star-delta switches, reversing switches, pole or phase switching.



PS25-10

- ◆ High switching capacity of electrical and mechanical resistances at different small dimensions

## LEVEL SWITCH HRH-7



HRH-7

- ◆ an easy installation and operation
- ◆ increasing the IP 65 protection level (for the installations even in rough environments)
- ◆ a universal power supply

## A LEVEL COMPLETE UNIT HRH-MS



HRH-MS

- ◆ an easy installation without any complications in connections and disconnections
- ◆ functions: pumping out, pumping up, delayed switching
- ◆ a various combinations of (with installation contactor, motor starter, or the installation contactor and motor starter)

## THERMOSTAT TIMERS TER-9



TER-9

- ◆ a maximum universal and variable thermostats containing all common thermostatic functions
- ◆ the batteries are being replaced by the user
- ◆ the possibilities to set up a different temperature for everyone a separately time slot



# The ELKO Lighting brightens your imagination



LED light sources recorded significant progress in recent years to build a significant position in the market for light equipment. It also brings with it an increased competition and pressure on the development of new resources with greater efficiency. Therefore, constantly expanding its range. See for yourself.

## LED PUBLIC LIGHTING

LED street lighting is the latest and most economical way of lighting streets and public roads. It features a low power consumption, a high efficiency optical system, a reduction of the emission of the light in unwanted directions. Efficient cooling assures the declared service life of LED least 75,000 hours.



Typ: Street light VO-L

## LED INDUSTRIAL LUMINAIRES

LED industrial luminaires are designed for light industrial buildings where lighting high demands and at the same time are more difficult operating conditions. These luminaires are suited mainly to higher dust. Surely we can see that, our LED lamps have long life, low power consumption, no flicker effect, they don't contain any hazardous materials and its maintenance free operation.



Typ: HB-80-11300-5K

## LED PANELS

When you're designing your office lighting, it's a good idea to reconsider what light source was used before then addressed in the future replacement of classic fixtures with modern LED technology. Panel dimensions are specifically designed for insertion into coffered ceilings. However, they can be mounted on many different ways - directly under the ceiling, a hung on cords from the ceiling, on the wall in any position. In this case, your imagination has no limits.



Typ: LP-3030-3K

## LED DOWNLIGHT DL-95-450-3K

LED downlight resources are designed to flush mount ceiling. They are suitable for offices, warehouses, stores and technical rooms. The LED Downlight sources are different in sizes when we look at them crossing performances.



Typ: DL-95-450-3K

## LED SPOTLIGHT DLSSL-GU10-350-3K

LED spotlights are undoubtedly one of the best possible choices in lighting. It is a modern, up-saving lamps with a remarkable long life. These energy-saving lamps consume compared to incandescent lamp up to five times less electricity and last up to 25 years.



Typ: DLSSL-GU10-350-3K

## OUR LIGHTING TO YOUR HOME

A complete offer of our assortments of lighting and dimmers can be found on our website in the "Products" section or e-shop. If you do not know how to make a choice, we will advise you through our online chat on our site [www.elkoep.cz](http://www.elkoep.cz).



# Lighting References

The company entered the lighting market five years ago with the aim to develop, manufacture and supply the market not only with LED lamps and luminaires, but also as a comprehensive lighting solutions. We fulfilled our plans and continue to believe there is no better advertising than a satisfied customer. We believe that, the effective lighting is important not only in large buildings, but also at home.

## HOME FOR SENIORS IN BUREŠOVA ZLIN CITY

A complete replacement of the old fluorescent lamps with an LED fluorescent tube lamps and LED Downlight series. Reconstruction is concerned not only in the common areas of home, but also individual rooms.



LED tube in the dining room of the senior home

## PENZION TARABAR PETŘÍKOV

A total renovation of wiring, including lighting. The old lighting was replaced with LED technology and is controlled either wirelessly or via mobile phone.



Smart Lighting at the pension

## SCHOOLS IN ZLIN REGION

To replace the old fluorescent lighting to less consuming LED energy tube, it has been decided, that a number of schools in the county will commit to this change, which has secured their savings for lighting up to 50%. "Kromeriz" it was for example the Judicial Academy, then Oskol Elementary School, Zachar and granaries. In "Uherske Hradiste" city, then Grammar School and Elementary School for "Aleji."



LED lighting at schools

# Destroying the myth !

Our production of LED bulbs is basically not the monopoly of Chinese manufacturers. Even we in the Czech Republic are able to produce high quality and reliable LED bulbs. And it is not just an ordinary bulb.

## RF RGB LAMP

It allows you to mix the red, green and blue chips virtually at any of these color levels. The control is done remotely via a wireless remote controller. Each bulb can also be part of what is so called the smart system. The Smart Home RF Control system can be controlled from an application on your iPhone or Android smartphone. It could be a little bit more expensive, but it works perfectly, and therefore we can provide you a 5 year warranty.

In this section & assortment, there is also a wide range of the white version of this remote dimming LED bulbs, which allows you to mix white color from warm to cold.

The advantage of these bulbs is not only additional energy savings resulting from its dimming, but also, there is no need to buy a separate dimmer because it is already built inside the bulb.

## FUNKCE

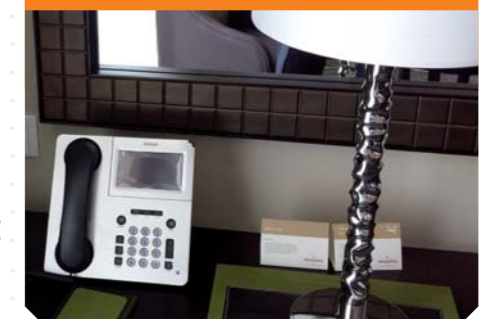
- ◆ Color light scenes
- ◆ Adjust the brightness in the range of 0-100%
- ◆ Automatic mode circus
- ◆ Blending colors

Come take a look with us and see how we are manufacturing!

[www.elkolighting.com](http://www.elkolighting.com)

## HOTEL MÖVENPICK

Our partner in Dubai has fully used and enjoyed these advantages, which we can see in the Movenpick hotel where there are more than 1,200 pieces of these lamps bulbs installed directly into the hotel rooms and by doing so he's saving on dimmers and his order exceeded tens of thousands of euros.



# References from our home & worldwide

Our goal is to provide the best quality of work. And that is not shown only in our local references that we have shared with you, but also worldwide. Come with us, let's take a look at the most interesting of them.



## COMMERCIAL PLACES

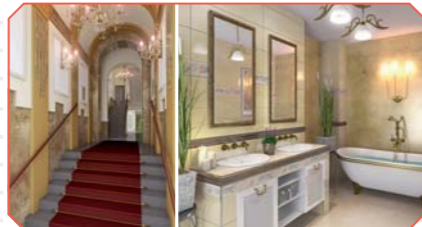
### DIOR / PRAGUE / CZ

RF Control System controls and manages several types of lighting over there. The entire system is controlled by our RF Pilot remote controls.



### LONDYNSKA/ PRAGUE / CZ

The iNELS system over there is managing 4 luxury suites, 66 lighting circuits, air conditioning and the weather station of the hotel.



### HARRER / SOPRONĚ / HU

The system here cares about all the lights that are controlled by the central unit that is in a sweet bakery & candy store for over three years and the owners are extremely satisfied.



## RESIDENCE

### RODINNÝ DŮM / BOREK / CZ

iNELS secures the dimming control, controlling RGB strips, shutters and underfloor heating, communicating with an electronic security system and the iMM system.



### NIKOLA TESLA / PRAHA/ CZ

The iNELS controls system controls 4 luxury suites, 66 light circuits, air conditioning and a weather stations.



### PROMEKO / OLOMOUC / CZ

The iNELS system is managing 27 residential units and 4 commercial spaces. That contains controlling of lighting, heating, central management of telephone and air conditioning.



## TECHNOLOGY:



iNELS BUS SYSTEM



iNELS RF SYSTEM



LARA INTERNET RADIO



MULTIMEDIA CONTROL



SMART TV



APPS ANDROID



APPS IOS

## CONTROLLING:



## HOTEL

### MERIT / KYRENIA / KYPR

More than 3,000 lighting circuits that are controlled via DALI protocol using EMDC units.



### WYNDHAM / ISTANBUL / TR

More than 3,000 lighting circuits are being managed by the brain of the system, the CU3-01M unit.



### MOTEL FARMA / POŘÍČÍ / CZ

Our system controls all lighting in the motel as well as the heating and the shutters.



## HOSPITALS

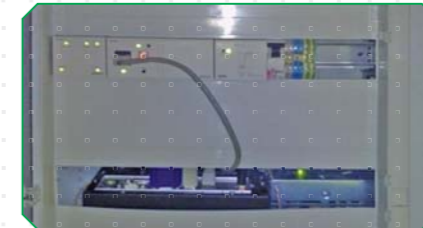
### IKEM / PRAHA / CZ

LARA radio ensures the sound quality of six operating room over there. A simple easy touch control amplifier 2x 10 W is doing a great job over there.



### REHABILITACE/ TEPLICE / CZ

The connection central unit is being controlled by the computer. iNELS provides a "message" from each room to the control room. Temperature monitoring, transfer of both visual and acoustic signals.



## WE

### YOUR REFERENCES

We appreciate not only your interest in our products, but also your opinion about your feedback. Therefore, we are looking forward to next time there will be a demonstration of the usage of iNELS right from your home, office, hotel, etc.

Their knowledge, stories and photos sent to our e-mail [elko@elkoep.com](mailto:elko@elkoep.com). Thank you!

You can find out more on:



[www.inels.com/references](http://www.inels.com/references)

# We're not exhibiting just in our home country, but in the whole wide world!

A new stand, new customers, new products! We would like to present them all to you in this year's exhibition season in which we are taking a huge part of by exhibiting in more than a dozen exhibitions around the world! In order for you to have something special to look forward to.

Last year, there was a huge breakthrough in the exhibitions's field. For the first time this year, we introduced a new concept of the stand, which can be demonstrated by seeing 4 consisted stands formed from corian. Those 4 "working" stands contain (RF smart control system + iNELS BUS smart electro installation, LARA, Multimedia including

the integration of 3<sup>rd</sup> parties + an example of a Hotel room ). You can try it yourself and play with those amazing colors, which especially attract the eyes of potential end-users of this intelligent systems. We are offering more than one way and possibility to experience our smart system through various different iNELS controlling methods.

In the recent years, we have actually demonstrated in more than two dozens of exhibitions worldwide. Among those, one of the most promising demonstrations was in the Light and Building exhibition in Frankfurt. That was one of the reasons why we're going to exhibit there again in 2016



## IN 2015, WE WILL TRY TO PUSH IT EVEN FURTHER!

We have successfully exhibited in the Integrated Systems Europe exhibition in Amsterdam. In a great way, the product, which got the biggest attention over there, were the Smart Kits. Due to the fact that, the Wireless Smart Control System for small installations has a bigger advantage than our Smart BUS Smart system. The expected interest was gained by our new smart LARA 5 in 1 product, which contains: (radio, music, intercom, door communicator, audio zone) and distribution system for the smart Audio / Video system.

## MIDDLE EAST ELECTRICITY UNITED ARAB EMIRATES

We have participated in the MEE exhibition for the fourth time on a joint shared stand in the Czech sector. In this major exhibition, we are demonstrating for the entire Middle East, not just for the GULF region. There were many company, who exhibited and participated from more than 26 countries.



The stand of Czech Republic

## POWER-DAYS AUSTRIA

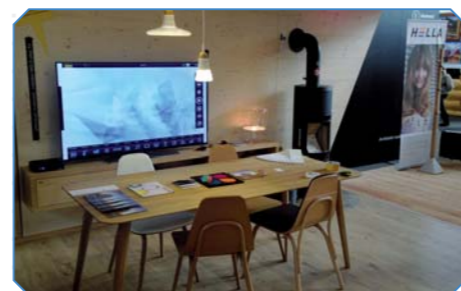
This time, we have participated in this exhibition for the first time. We have successfully introduced our newest branch ELKO EP Austria GmbH. As seen in previous exhibitions, the biggest interest were going around the iNELS RF Control and our Smart Kits.



ELKO EP Austria

## WOODED HOUSES CZECH REPUBLIC

In this exhibition, we saw more than 165 exhibitors who presented their solutions, we were among them of course! There was a huge interest about our products and Smart Domestic Control Solutions. This interest can only motivate us more and more to become more professional and more successful.



Connecting smart technology to the wooden houses

# An Overview of the exhibitions we're participating in , in 2015.

Would you like to see us " in action " ? Here we are presenting to you the list of the exhibitions we're participating in, in the year 2015. We'll be looking forward seeing you there.

## THE EXHIBITIONS

DATE	TITLE OF THE EXHIBITION	EXHIBITOR	LOCATION
10. - 12. 2.	Integrated Systems Europe - ISE	ELKO EP, s.r.o	Amsterdam, NL
11. - 14. 2.	Dřevostavby	ELKO EP, s.r.o	Prague, CZ
1. - 13. 3.	Power-Days	ELKO EP Austria	Salzburg, AT
2. - 4. 3.	Middle East Electricity	ELKO EP, s.r.o	Dubai, UAE
10. - 15. 3.	Nábytok a Bývanie	ELKO EP Slovakia	Nitra, SK
19. - 22. 3.	For Furniture	ELKO EP Lighting	Prague, CZ
24. 3. - 27. 3.	Amper	ELKO EP, s.r.o	Brno, CZ
25. - 28. 3.	Coneco	ELKO EP Slovakia	Bratislava, SK
15. - 19. 4.	Construma	ELKO EP Hungary	Budapešt, HU
21. - 23. 4.	For Energo 2015	ELKO EP, s.r.o	Prague, CZ
19. - 21. 5.	Smart Automation Austria	ELKO EP Austria	Linz, AT
2. - 4. 6.	Expo Eléctrica	ELKO EP, s.r.o.	Mexico City, MEX
4. - 9. 9	IFA	ELKO EP Germany	Berlín, DE
15. - 19. 9.	For Arch	ELKO EP, s.r.o	Prague, CZ
10. - 13. 10.	Matelec	ELKO EP España	Madrid, ES

## TRAINING

DATE	TITLE OF THE EXHIBITION	LOCATION
17.3.	iNELS RF Control training	Prague
18. 3.	VOP Presentation	Sternberg
18.3	iNELS BUS System training	Prague
31. 3.	VOP Presentation	Hradec Králové
31. 3.	iNELS BUS System training	Prague
2.4.	VOP Presentation	Kyjov
3.4.	VOP Presentation	Karviná
9.4.	VOP Presentation	Prague
28.4.	iNELS BUS System training	Holešov
30.4.	iNELS Multimedia training	Holešov
12.5	iNELS BUS System training	Prague
13.5.	VOP Presentation	Prague
19.5	iNELS RF Control training	Holešov
26.5	iNELS BUS System training	Holešov
2.6	iNELS RF Control training	Prague
9.6	iNELS BUS System training	Prague
25.6	iNELS Multimedia training	Holešov

## TRAINING & SEMINARS

At our training, we around like to familiarize you with our Smart Solutions and products. That usually includes, modular electronic devices, iNELS BUS System, iNELS RF Control, protective ETI technology, " Logus<sup>90</sup> " that introduces a unique and elegant design series of switches and sockets and LED lighting.

Finally, we are organizing three different types of training to meet all of your expectations and more!

You can find more information on our web site:



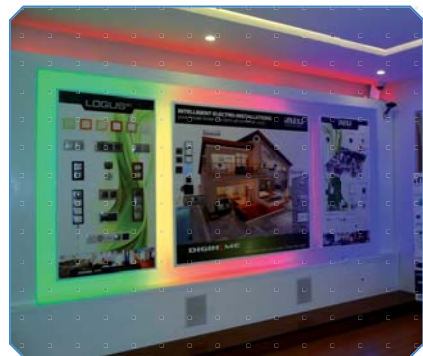
[www.elkoop.com/fairs-trainings](http://www.elkoop.com/fairs-trainings)

# Our showrooms are all over the world!

Are you interested in seeing our Smart Systems live? Would like to try it for yourself? Since we are trying to do the best we can and everything we can manage to fulfill your request and meet your expectation, we have successfully opened our last couple of showrooms last year. You can find their address as well as the other showrooms and their news on our website: [www.elkoep.com](http://www.elkoep.com).

## INELS / HANOI / VIETNAM

Our Smart System iNELS system is the main part of our new showroom at the headquarters in Hanoi. Thanks to iNELS System we're easily able to control all the lighting (LED spotlights, monochrome and RGB light strips), curtains, etc. scenes. Additionally, we have placed the audio / video, smart solution so customers can experience the full functionality of our intelligent multimedia server iMM that turned. Thanks to our iMM you can control all of your electrical smart systems at home from your Smart TV, so your Smart TV is not only used to watch TV shows and movies anymore, but it's now a unique control panel!



iNELS / Hanoi / Vietnam

## INELS / AMMAN / JORDAN

With the collaboration of Special. Lights new showroom in Jordan. The iNELS BUS system over there is controlling the LED lighting, including LED panels. Additionally, the iNELS Smart System over there is also used for controlling the heating and air conditioning. Furthermore, our iMM Smart Client is also implemented over there, which can control the entire showroom. In addition, there is also a big variety of our wireless RF Control units. With a single application (iHC) you can try to control the bus, and the wireless devices together.



iNELS / Amman / Jordan

## BASYS / PRAGUE / CZ

An International distribution company in the field of electronics and management, that got its showroom in Prague has chosen our iNELS system to implemented over there. The showroom contains the following systems: AUDIO / VIDEO lighting control - fluorescent, HID lights, LED lighting panels. Additionally, you can enjoy our internet radio unit, LARA in the elegant unique LOGUS<sup>90</sup> design or you can control the other devices there from our smart touch unit iT-P-B. Part of the showroom is the cinema, where the system can control multiple lighting circuits, or download a curtain control electromotive seat.



Basys / Praha / ČR

## AN OVERVIEW OF ADDITIONAL SHOWROOMS

### ▶ Elko ep, s.r.o.



ELKO EP, s.r.o.  
Palackého 493  
769 01 Holesov

E-mail: [info@inels.cz](mailto:info@inels.cz)  
Free call: 800 100 671

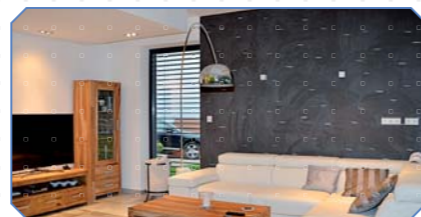
### ▶ Benes Furniture



Benes furniture s.r.o.  
Otavská 1453  
370 01 České Budějovice.

E-mail: [obchod@benesnabytek.cz](mailto:obchod@benesnabytek.cz)  
Phone: +420 385 310 485  
web: [www.benesnabytek.cz](http://www.benesnabytek.cz)

### ▶ Diamond design



DIAMOND DESIGN  
Kvítková 3687  
760 01 Zlín.

E-mail: [bolf@diamonddesign.cz](mailto:bolf@diamonddesign.cz)  
Phone: +420 773 784 338  
web: [www.diamonddesign.cz](http://www.diamonddesign.cz)

### ▶ Symerský s.r.o.



SYMERSKÝ S.R.O.  
Hněvkovského 679/81b  
617 00 Brno

E-mail: [info@symersky.cz](mailto:info@symersky.cz)  
Phone: +420 545 577 553  
web: [www.symersky.cz](http://www.symersky.cz)

### ▶ Sykora Průhonice



Kitchen Studio  
Sykora Průhonice  
Průhonická 119  
251 01 Průhonice - Čestlice

E-mail: [info@sykora-pruhonice.cz](mailto:info@sykora-pruhonice.cz)  
Phone: +420 777 680 052  
web: [www.sykora-kuchyne.cz](http://www.sykora-kuchyne.cz)

### ▶ iNELS Sykora Home



iNELS, Sykora Home  
Ceskomoravská 183  
190 00 Praha 9 – Vysočany

E-mail: [paha@inels.cz](mailto:paha@inels.cz)  
Phone: +420 773 773 735  
Web: [www.inels.cz](http://www.inels.cz)

# ELKO EP is always supporting the youth!

We support education. Undergraduates who are interested in our systems, actively participate in lectures and we appreciate their feedback, because that's what will help us improve.

For several years we have been working with these schools and universities and we continue teaching them more and more about intelligent and smart solutions for homes and commercial buildings. Electrical installations has become a regular part of the school curriculum, that is why we are delivering to these schools a good theoretical knowledge, practical experience using our smart demo panels, arranging tours and excursions for those students in our production facilities, providing them with the opportunities to attend our training, which is also for their teachers, collaborating together with them on their projects and help them to write their own bachelor thesis.

## IN THIS YEAR, WE ARE OFFERING:

- ◆ Training Courses
- ◆ Internships, projects
- ◆ Study Materials
- ◆ Laboratory Equipment

## A LIST OF CURRENT FREE TOPICS

- ◆ Automatic updates IMM
- ◆ Voice control of iNELS RF Control
- ◆ Simulation program involvement bus i3
- ◆ Converter Ethernet and Wireless
- ◆ Converter iNELS and KNX (KNX RF)
- ◆ Energy savings intelligent system iNELS family house
- ◆ Energy savings intelligent system iNELS in Wooden buildings
- ◆ Energy savings intelligent system iNELS in industrial hall
- ◆ Intelligent System iNELS hotel

WE ARE WORKING WITH STUDENTS FROM THESE SCHOOLS AND UNIVERSITIES. THEY CAN BASICALLY PICK THEIR OWN FREE TOPIC

Univerzita Tomáše Bati ve Zlíně



[www.elkoep.com](http://www.elkoep.com)

# An overview of the printable materials

RELAYS	iNELS RF	iNELS BUS	AUDIO/VIDEO	LOGUS <sup>90</sup>	LIGHTING
▶ RELAYS	▶ iNELS RF control	▶ iNELS	▶ A/V	▶ LOGUS <sup>90</sup>	▶ Lighting
▶ AN OVERVIEW OF OUR OWN SORTIMENT	▶ Try it wirelessly	▶ Smart Homes	▶ LARA Your internet radio at your socket	▶ LOGUS <sup>90</sup> Home sockets & switches	▶ Overview of LIGHTING products
▶ Brochure iNELS (for women)	▶ Pick the right electrical Installation for you.	▶ Dimming brochure	▶ Electrical installations how you know it		

You can find more on:



[www.elkoep.com/download](http://www.elkoep.com/download)



FREE CALL

800 100 671

**ELKO**  
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WWW.ELKOEP.COM