

INELS[®]
smart home solutions

www.inels.com



SMART

HOME GUIDE



INELS IN 5 POINTS

Over 1,000 installations in 60 countries worldwide

Exceptional solution for an intelligent electrical installation

The Czech leader in smart living

Available system functioning based on modules

From ELKO EP – bearer of the silver medal in the competition COMPANY OF THE YEAR 2012

INTELLIGENT AND COMFORTABLE

Electrical installations are everywhere. They are a part of every building, and every home has at least some modern technology. Anybody can turn the lights on or off or adjust the blinds.

But we wanted to go a step farther. We wanted to create a truly intelligent system. A system that would think for you and save you time, energy and money.

We developed the innovative solution called iNELS – an intelligent wiring and wireless system that can control the whole home, e.g. regulating heat, air-conditioning and recuperation, adjusting roll blinds and shutters, controlling appliances and even the home security system.

When developing it, we were backed by twenty years of experience in the area of electronic modular devices. From intelligent relays, we worked our way to the intelligent electrical installation, which can interconnect the entire household.

WHAT CAN THE INELS CONTROL

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Roll blinds and shutters

Fully automatic control of roll blinds and shutters based on light intensity and changes in weather.



Appliances

Switching all appliances on and off. A fan, sprinkler, pump, etc., switched simply and easy.



Safety

To err is human, so the house thinks for its sometimes-absentminded owner. It switches on and off whatever is necessary.



Multimedia

The multiroom function lets you select from a central storage site (iMM Server) featuring photos, movies, music, TV programs or Internet browsing.



Garage doors, gates

iNELS locks the entrance gate and garage door before you even get seated in front of the TV.



Heating and air-conditioning

Comfort and energy savings. All rooms are always just as warm as you want them to be.



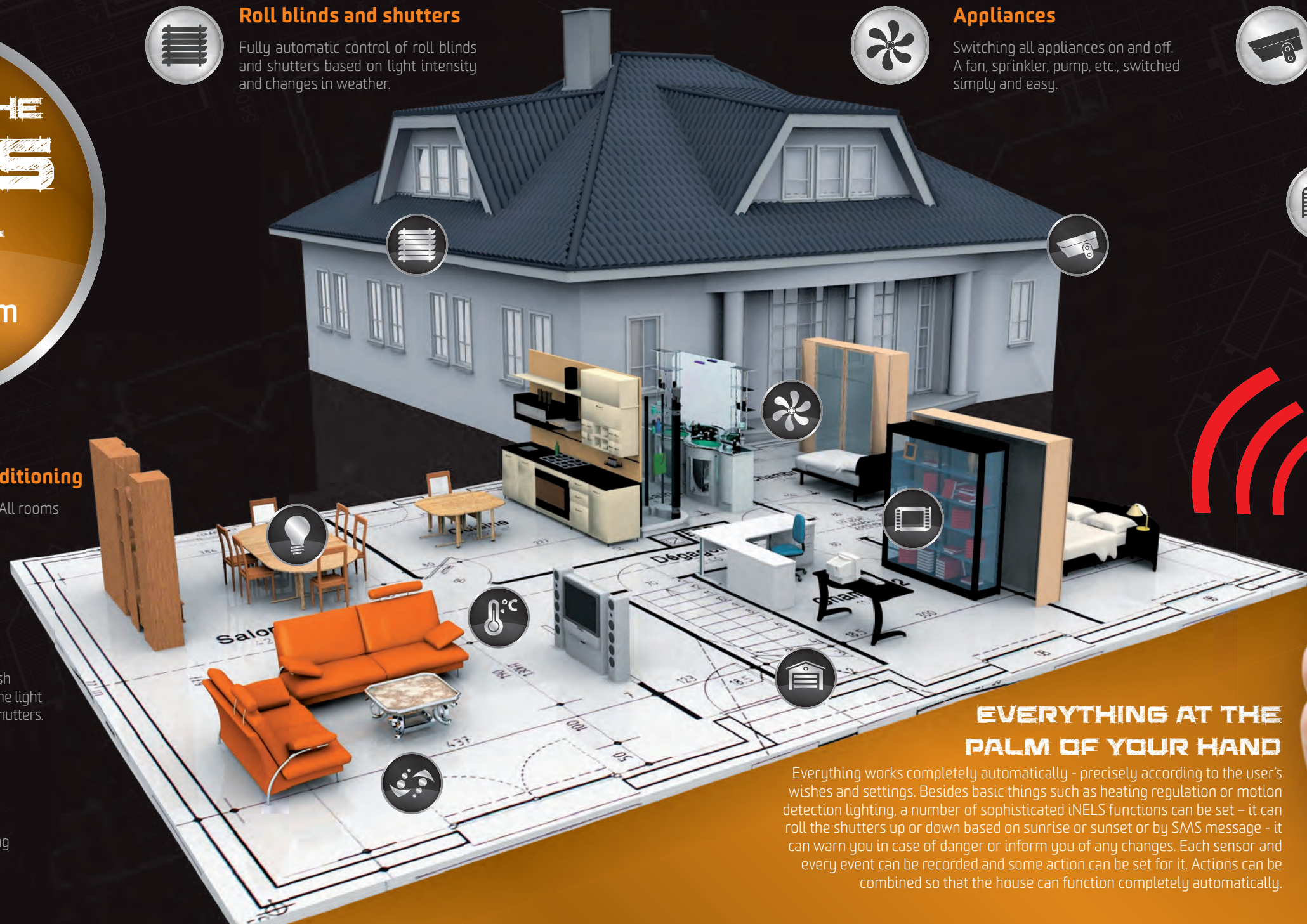
Fast control

Combination and association of functions, with a single push of a button, you can change the light scene while rolling down the shutters.



Lighting

Simple switching and dimming of lights in the entire home.



EVERYTHING AT THE PALM OF YOUR HAND

Everything works completely automatically - precisely according to the user's wishes and settings. Besides basic things such as heating regulation or motion detection lighting, a number of sophisticated iNELS functions can be set - it can roll the shutters up or down based on sunrise or sunset or by SMS message - it can warn you in case of danger or inform you of any changes. Each sensor and every event can be recorded and some action can be set for it. Actions can be combined so that the house can function completely automatically.

EASY OF CONTROL INELS

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WALL SWITCHES

These are used to control lighting, shutters, the entrance gate or pool roof. In the intelligent electrical installation, you can position switches right where you want them and even change their function. Anytime, whatever...

WIRELESS KEY ALARM

The wireless key alarm will become your practical assistant, which can control all elements of the iNELS RF Control system. In the main position, it is possible to set the most frequently used functions. It is used right from your car to open the entrance gate or garage door, for controlling something in the garden or the house lights.

REMOTE CONTROL

The designer remote control of iNELS RF Control system elements expands the options for their control. Besides controlling lights, blinds and shutters, awnings and garage doors, it is possible to combine actions so that several commands are carried out at once. On the OLED controller display, you can add to the „favorites“ file your most frequently used commands (up to 40 devices).

SMART PHONE

We not only create other controllers, but we also develop applications that make every smartphone a perfectly tuned controller. Not only can you have a look at any time to see what is going on at home, you can also control items remotely and put things in order - e.g. shut off a light, run the sprinklers, turn on the heating or turn off the occasionally forgotten iron.

TOUCH PANEL

Touch panels are designed for simple and clear control. You can control all functions of the intelligent electrical installation through a panel built into the wall or a tablet that you always have at hand. You will see who is ringing the doorbell; you can open the door remotely or have a look at the weather forecast.

CONTROL VIA TV

A new favorite television station is ready for you - and its name is HOME. From the comfort of your couch, you can control the entire home, surf the Internet, browse photos, watch movies or listen to music. No more dealing with CDs and DVDs! Everything is kept in a central storage site, and content is available on demand and right at home.





WITH ONE FOOT AT HOME

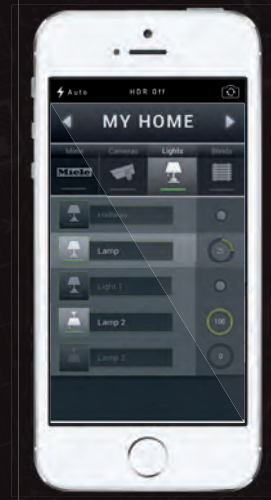
The iNELS intelligent electrical installation system controls everything from heating regulation and air-conditioning, lighting, blinds and other appliances to securing your home and protecting your property. Thanks to the iHC application, you can keep an eye on your home - right on the display of your smartphone. With iNELS, you always keep one foot at home. Anytime, wherever...

A free application for controlling the iNELS system and technologies integrated in it from the mobile phone. The main advantage is that all technologies are controlled directly from this application, whether you are connected in a home network (LAN) or you are using mobile data while on the go.



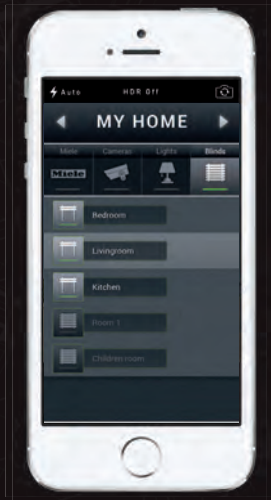
OVERVIEW

Absolute control over switching all appliances.



LIGHTS

Switch on and off, set romantic light scenes. Magic made with light.



BLINDS

Did you forget to set the shutters in light of the weather? No problem.



HEATING/AIR-CONDITINING

You can set the temperature in each room just the way you like.



VIDEO CAMERAS

You can keep an eye on the security of your home from anywhere on earth.



MULTIMEDIA

It is both quick and simple to start up a cherished movie, music or some show.



HOME SWITCHES AND SOCKETS IN LUXURIOUS LOGUS⁹⁰ DESIGN



LARA iNELS MULTIMEDIA

Through its Internet connection, LARA can play streams of Internet radio. In terms of music however, this is far from all that LARA offers. It also plays multimedia files from network storage sites, and it is possible to connect external music sources to it.



Metallic design



Glass



Precious metals



Wood



Granite

LUXURY, DISTINCTION, BEAUTY

There is a large selection available of color combinations of plastic frames as well as natural materials such as glass, wood, metal and granite. Modern design and superb elaboration in perfect symmetry - square, sharp edges, right angles. The magic of perfect geometry. Though the switches are mounted last, they are the entrance gate into a new era of living. Welcome to the era of smart living.



4-button



6-button



8-button

SWITCHES IN THE LOGUS⁹⁰ DESIGN

Elaborate design and high service life and resistance. These are the hallmarks of iNELS switches. Emphasis on quality does not end with the controller's visible surface; it also concerns the sophistication of the controller mechanism itself. We also thought of elements that facilitate assembly, save installation time and guarantee safe operation. The special design enables switches to deal with unevenness of walls.



**EVOLUTION
OF THE SWITCH IN
iNELS**

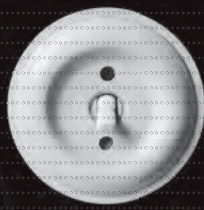
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1900



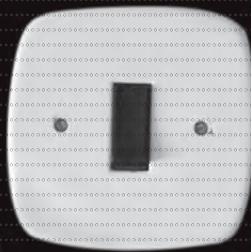
**SOMEHOW
SWITCH ON**

1940



**TODAY
THEY ARE
RETURNING**

1970



**PERIOD OF
TOTALITARIANISM**

1980



**PERIOD OF
INNOVATION**

2000



**FRAMES MADE FROM
NATURAL MATERIALS**

2012



**NO MORE PRESSING...
TOUCHING IS HERE!**

2013



**ALWAYS ONE FOOT
AT HOME**

FROM KEY ALARM TO CENTRAL BRAIN

All electrical installation elements are constantly being developed, improved and streamlined. They adjust to modern trends and react flexibly to technological advancements. We are not standing still either, we are watching what is going on and are developing ever-more sophisticated devices ourselves.



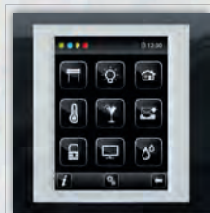
KEY ALARM

The portable transmitter serving to control RF Control units. This key alarm controller can also control an unlimited number of assigned actuators, and its tiny dimensions allow you to keep it with you at all times.



REMOTE CONTROL

RF Pilot in elegant design with an OLED display offering comfortable control and feedback on the status of appliances, devices and equipment. It measures and displays the temperature, and enables group control of receivers.



TOUCHSCREEN UNIT

The control touchscreen unit EST with color display will allow you to regulate heating, control RGB light sources and control e.g. light scenes or shutters.



CONNECTION SERVER

This is the interface between individual elements of the iNELS Bus system and third party devices, for which it translates their protocols.



iMM CLIENT

The device iMM Client serves to connect almost all technologies in the home with the intelligent electrical installation iNELS BUS System.



DOCKING STATION

Offering a well-designed solution for the tablet, which serves as the central control element of the entire iNELS system.



LED LAMPS

Energy-saving, dimmable, high-intensity and RGB lamps. These replace the classic 35W and 40W incandescent lamps.



SPECIAL LED LAMPS

Various designer shapes (bulb, candle with wide glow angle, etc.)



LED SPOTLIGHTS

These can be used as a separate spotlight or in a group. They replace the 30W and 35W halogen spotlights.



LED TUBE

Practical and elegant illumination. Possible to use in homes and commercial space.



LED PANELS

Elegant and energy-saving solution whose design makes them ideal for direct insertion in cassette ceilings or for hanging directly on a wire from the ceiling.



LED DOWNLIGHT

Light fixture for recessed mounting in soffits. Replaces classic light fixture 60W, 75W, 100W.

INELS REFERENCES

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INELS CAN ADJUST TO ANY OPERATION

The modularity of the system and sophisticated control and programming give the iNELS intelligent electrical installation options for use in wide-ranging types of operations. A confectionery, discotheque, logistics center, home for seniors, swimming pool or luxurious hotel. iNELS fits in anywhere.

BENEŠ NÁBYTEK

České Budějovice (CZ)

One of the largest kitchen studios in the CR and one of the largest producers of custom-made furniture in South Bohemia.



CONTROL

- Light switching ●
- Light dimming ●
- Control of appliances ●
- Heating ●
- Air conditioning ●
- Thermal pump
- Shutters / roll blinds ●
- Alarm ●

CONTROL

- By PC ●
- By Android application ●
- By iOS application ●
- By GSM telephone ●
- By infrared (IR) controller
- By the Touch Panel ●

MULTIMEDIA

- By iMM ●
- By AXIS ●
- By eLAN-RF
- By eLAN-IR

HARRER CONFECTIONARY

Šoproň (HU)

A family business, producers of high-quality chocolates and sweets, which supplies many other sweet shops and stores.



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FAMILY HOME

Lubina (CZ)

From new constructions to reconstructions... A quality electrical installation is a must everywhere.



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iNELS SYKORA HOME

We familiarize you with a system capable of running operations in the home, from heating regulation, heat recovery and air-conditioning, control of lighting, shutters, blinds, appliances and pools to securing the home and protecting property. Controlling the home with a smartphone or tablet is now a standard. We invite you and would be happy to demonstrate the complete system iNELS smart home solutions. You can ask the trained staff anything that occurs to you regarding modern electrical installations. Take advantage of this opportunity to become familiar with the most modern technologies at one location.

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

E-mail: praha@inels.cz
 Tel.: +420 773 773 735
 Web: www.inels.cz

ELKO EP, s.r.o.

Holešov

Palackého 493, 769 01 Holešov - Všetuly
 Toll-free info line: 800 100 671
 E-mail: info@inels.cz



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MIELE GALLERY BRNO

Spielberk Office Center

Holandská 4, 639 00 Brno
 Tel.: +420 543 553 111
 E-mail: info@miele.cz



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SYKORA PRŮHONICE

OD Shoppark

Průhonická 119, 251 01 Průhonice - Čestlice
 Tel.: +420 777 680 052
 E-mail: info@sykora-kuchyne.cz



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BENEFIT OF INELS

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COMFORT

- dimming function (gradual brightness increase/decrease, soft start, light scenes)
- control with touchscreen display (mounted into the wall, complete overview)
- control with an ordinary remote control device (ex. to your TV or HiFi system)
- temperature regulation based on preset programs, control option for each room separately via mobile telephone, computer and Internet

AUTOMATION

- functions are performed automatically based on determined values (time, temperature, light intensity, motion detection, wind speed)
- it is possible to perform several functions based on a single command or event (ex. as the sun sets, iNELS lowers the shutters, switches on lights, heats up the room and switches on the TV...)
- arrival / departure functions: after entering a code (or card-reading) on the keypad, the system automatically sets electronic appliances according to the recognized user

SAVINGS

- an important element is heating regulation and/or air-conditioning
- time or time-limited switching
- lighting control (can achieve up to 10 % savings on electricity)
- dependent switching (e.g. at twilight, when setting the temperature, etc.)
- blocking selected appliances upon excessive meter readings, eliminating the unwanted running of equipment and appliances (e.g. a light turns off after no motion detected)

DESIGN

- modern design of control buttons, thermostats, voice sensors, bells
- switches and sockets – all in the LOGUS⁹⁰ design
- option of combining a touch display in various colors and multiple frames - as a bit of pleasant variety to your home

MONITORING

- the system informs you of the chosen event(s) by SMS
- anywhere in the world where you have Internet access, you can connect to your home and check and even change its status
- an integrated security system can be connected to a security agency

SECURITY

- an alarm with expanded functions comes as a part of the system
- the system is equipped with its own keypad that can be controlled by code or access card
- all settings and accesses are password protected in various levels
- protection of the home during bad weather (shutters close upon high winds or storms), unexpected events (power outages, surges, overloads), natural catastrophes (flooding sensor, smoke detector)
- bio-installation: switching off unused electrical circuits (ex. bedroom while sleeping)
- setting the ideal conditions for your children to sleep (gradual dimming, comfortable temperature, motion detection - babysitting), touch parts of the sensors are powered by a safe voltage of 24 V

READINESS FOR CHANGE AND EXPANSION

- it will be possible in the future to upgrade or replace
- functional units via PC, even remotely (no technician visit necessary)

APPLICABLE ELEMENTS FOR THE DISABLED

- voice and remote control for immobile persons
- audio messages for the blind or visually impaired (the Sophy unit reproduces a pre-recorded message)
- with a single command, several actions can be performed at once (for infirm persons)
- control by computer from a single place (for immobile persons)

FLEXIBILITY

- the plumber may have remote control over the Internet
- units that can be gradually augmented at any time (e.g. when expanding the home)



TOLL - FREE INFO LINE
800 100 671



ELKO EP, s.r.o.

Palackeho 493 | 769 01 Holesov, Vsetuly | Czech Republic
tel.: +420 573 514 221 | fax: +420 573 514 227 | elko@elkoep.com | www.elkoep.com