



**YOUR HOUSE LOVES YOU**  
AND YOU WILL ENJOY IT...

**iNELS**<sup>®</sup>  
smart home solutions

## WE HAVE DISCOVERED ANOTHER DIMENSION OF THE ELECTRICAL INSTALLATION SYSTEM IN YOUR HOME...

*Welcome to today's times. To times which are hastily fast, digital, multimedia and multifunctional. Many people are convinced that this lifestyle takes more from us than it gives back. Others enjoy everything that it has to offer. A lot of everyday things take on another dimension today.*

*We are glad we can now present a way to you in which we elevate common everyday tasks, such as switching on lights, heating or air-conditioning, or merely watching TV, to modern aids. This has been achieved by inter-connecting them into a single intelligent system that will both and entertain you at the same time...*

*Enjoy with us a world in which your house loves you – welcoming you with the perfect room temperature, pleasant music and a hot dinner, and letting you relax, while saving energy by dimming the lights. The house will entertain you with popular films and will show photographs from last year's holidays to your guests. All this is achieved by simply pressing a button on a universal remote control.*



### INSTIL LIFE INTO YOUR HOUSE

The timeless iNELS electrical installation system now contains film, music, and TV archives, guaranteeing you endless fun. Control your entire home from one place using the stylish and sophisticated visualization on the touch screen, ensuring you comfortable management of the technical aspects of your house. The system will fully adapt to you, fulfilling even your most demanding requirements with ease.

Enjoy the fantastic relaxed atmosphere. Welcome a perfect household manager into your family – a manager who does not need any salary for his flawless work, who does not need to sleep but is always alert, who does not go on holiday, who constantly entertains you and obeys you at a single touch... Why not simplify your life at last and have your entire house under control?!!

**WE WILL BE GLAD TO HELP YOUR  
HOUSE GET A NEW LIFE...**





# MY HOME, MY CASTLE!

## ONLY FOR INVITED GUESTS...

Are you busy when someone knocks at the door? You don't need to be afraid of sending your children to answer the door. You don't need to be afraid of unwelcome guests or strangers as you know who is at the door in advance! A camera system and door communicator allow you to monitor your house and the neighborhood via TV, notebook or mobile. All this, of course, also remotely. Making sure everything is fine at home while you are having holiday on the beach is not a problem.



## A SAFE FEELING

The IP cameras, connected to your Ethernet or Wi-Fi network, can be located both inside your house to monitor your playing or sleeping toddlers, and outside the house to monitor its security. You can watch online footage from up to 9 video cameras connected to the system on the TV screen, and you can rotate zoom in or out on the image.



*PROTECT THE MOST VALUABLE THING  
YOU HAVE, YOUR HOME...  
IT HAS NEVER BEEN EASIER...*

## ALERT WATCHMAN

The door phone allows you to communicate with anyone who is ringing at the door, and to open the door from, let's say, your kitchen. You will appreciate this when cooking. You can let your children in by simply pressing a button and continue making lunch. A security system is a part of the system. If an alarm goes off in the house, iNELS will immediately respond to it by sending an SMS to you or your security agency. If you leave your home, use the presence simulation function, i.e. randomly switches lights on and off, and closes and opens the window shutters. You will give the impression that you are still home, discouraging unwelcome visitors.

Your house will automatically react to changes in the weather - the shutters lower in strong winds, or sprinklers activate in tropical weather. Rest in comfort without worries - your house is taking care of itself.

# THE WONDERFUL FEELING OF BEING SAFE



## ALARM

Your house will be perfectly safe thanks to the connection of the alarm to the system. You can use the following features: movement sensors, glass-breakage and smoke sensors, and open window and door sensors.



## DOOR COMMUNICATOR

This is a door IP phone connected to the system, which can ring in 6 places and bring up an image in the preset video zone. It allows two-way communication and door opening - this can also be done by typing a code on the keyboard.

## TOUCH PANEL

Enjoying having the ultimate clear view of your home security. You can choose video display either from one video camera, or see what's going on from up to four video cameras.



## CARD READER

Provides secured access to your house. The reader can be used for tasks such as opening the door or (de)activating the alarm. Access records are stored so that you can see, for instance, when the children came home, etc.



## CAMERA

The system supports connecting, viewing the image from and controlling IP cameras, including the PTZ (position control) and ZOOM (enlarging image) functions.



## TELEVISION

A well-arranged projection on the TV screen provides you with a perfect view of what is happening inside and outside your house. You only need to install IP cameras and connect them to the system.





# GREATER VISIBILITY

## MULTIMEDIA WITHOUT LIMITS

The central data repository is a big advantage of the system. You can store all your films, music and pictures in a single data repository, which is accessible from any zone connected to the system. This means no more endless searching for or transferring data, CDs and DVDs from one room to another. You can easily look at your favorite pictures at any time or watch a film you just feel like watching. And, if you pause the film, you can continue watching it exactly from the moment you paused it, even several days later.



## TV PROGRAMME RECEPTION

The video zone provides TV programmes from a satellite receiver which enables image transfer in high-definition (HD) quality. It is possible to watch up to 4 satellite channels at once, provided they are placed on the same transponder. The system can be extended by connecting more satellite receivers or one multi-channel receiver.



## MUSIC TO YOUR TASTE

You can place the audio zone, which is connected to the system and the central data repository, virtually anywhere, thanks to its small size. You know with certainty where your favorite music is. Choose your own structure for the stored files and the search method which suits you, for instance, by name or genre. You can create your own folders in the system and either share them or keep them strictly private. You will be pleasantly surprised by the design of the audio zone unit, which will perfectly complement your modern home. Don't leave anything to chance and have one audio zone in each room.



## STARRING YOUR TV...

From the comfort of your sofa, you can easily control the heating, air-conditioning, lighting, window shutters, security alarm and other devices connected to the system. The sophisticated visual interface on a TV screen gives you a perfect overview of your entire house. The installation may contain up to eight different floor plans. It is entirely up to you whether you view a whole floor of your house or each room separately. Simply by moving the hand in which you hold the control, you can easily control the temperature in a given room, switch on, dim or switch off lights, or shut window blinds or shutters.

The system interconnection of the entire house enables you to see what your children are doing in the next room. Plus all your films, music albums and pictures are stored in a single location – the central data repository. In short, you can keep track of everything that is happening in the house. Don't waste time using several switches or controls, or looking for a DVD. Set the temperature in a room, play your favorite song and dim the lights with a single click, and then have a great time just relaxing.



## THE WHOLE HOUSE AT YOUR FINGERTIPS...

If you have decided to make your life more pleasant with the smart electrical installation of the iNELS system, you now have a unique opportunity to use another dimension of the system. For even more comfort, a multimedia extension has been added to the iNELS system. iNELS Multimedia allows you to control your entire house from the a TV screen. You have one data repository and you only need one control for everything!

*DISCOVER WITH US A NEW DIMENSION IN ENTERTAINMENT*

# NEVER STOP ENJOYING IT

# USER ENVIROMENT

# MAIN MENU



## PHOTO

Viewing photographs from the central data repository (an iMM server), a CD/DVD or a flash disc. You can also use the automatic slideshow function. The pictures are automatically expanded to fit the full screen.

## MUSIC

Playing tracks from the central data repository, a CD/DVD, or a flash disc. You can choose your own structure and names for the saved files and folders. Play a track by clicking on the chosen file.

## MOVIE

Playing selected films from the central data repository, a CD/DVD, or a flash disc. You can switch between films as you like or watch them simultaneously on all TVs connected to the iMM system.

## TV

You can rename and sort TV program received via satellite in any way in the system. You can then watch the programs at normal or high resolution, subject to availability.

## HEATING

Controlling the heating for the entire home from one place. The system allows you to create a plan of a room or the entire floor and place the icons for heating and air-conditioning as appropriate.



## LIGHT

Similarly to controlling the heating in your home, you can switch on/off and regulate the intensity of the lighting, control window shutters and switch electric sockets on/off. Everything is done in one single plan.

## CAMERA

You can see the footage from all connected IP cameras on your TV. You can have as many as 9 connected cameras. The footage from the cameras can be recorded and zoomed.

## DOOR COMMUNICATOR

Thanks to the door communicator, you can communicate with the person ringing the doorbell, and even open the door for instance from the kitchen. It enables two-way voice and video communication.

## DVD PLAYER

The DVD menu enables running a classic DVD that you insert in the iMM Client mechanism. As opposed to the Film module, you can work with a classic DVD menu.

## INTERNET

The iMM menu also enables you to surf the Internet. Thanks to the integrated Mozilla Firefox internet browser, you have the entire world quickly and clearly on your screen.

## SWITCH OFF

By pressing a single button, you can shut off all connected equipment (ex. TV, amplifier, etc.) or send them into hibernation.

## GLOSSARY

- Gyromouse** — a wireless mouse responding to the movement of your hand, serves to control the menu in the Video Zone
- Video Zone** — a zone equipped with an iMM Client and TV (or monitor)
- Audio Zone** — zone equipped with an audio player and speakers
- iMM Client** — the workstation of the Video Zone

- iMM Server** — a server of the iMM system (optional, a selected iMM Client may be a server)
- Slideshow** — an automatic presentation of pictures
- Playlist** — a list of audio tracks or pictures
- Floorplan** — a floorplan of the house or individual rooms

- Stream** — a reference to a place in the Streamer (on the Internet, IP player or SAT receiver), which provides images or sound
- Streamer** — a satellite receiver which feeds TV footage into the system
- Full HD** — high-resolution image (1920 x 1080 pixels)
- IP Kamera** — a video camera connected to the system via Ethernet or WiFi

- Central data storage** — a space on iMM Client or iMM Server hard disk, which is used for storing files to be shared by all iMM users
- Directory** — a space on the disc where all files are stored
- WiFi** — a wireless network
- Ethernet** — wired network (cable)



# ELEGANT CONTROL

## REVOLUTION IN CONTROL

The Gyro Control is not only an unrivalled control but also an elegant accessory to the iNELS Multimedia system. It is a comfortable combination of the advantages of a classical remote control and a computer mouse, from which it gets its perfect ergonomic shape. The Gyro Control controls the system wirelessly using hand movement and buttons.

*YOU KNOW WHAT YOU WANT,  
WE KNOW HOW TO MAKE IT HAPPEN*



## WITH A WAVE OF THE HAND...

It does not need any pad as movement is scanned by the gyroscope. The control is very quick, comfortable and entertaining. Thanks to its multifunctional character, it replaces a host of other controls you will no longer need. You definitely know the situation when before watching your favorite DVD, you first have to switch on the TV with one remote control, then find another remote to switch on the DVD player. You can now forget about all this. A slight movement of the Gyro Control is all it takes to play a movie (i.e. switch on the TV, DVD and amplifier with a single click of a button). At the same time, you can dim the lights and close the window shutters.

*If only you had the Gyro Control at home!*



## SOPHY VOICE UNIT

The Multifunctional Sophy Voice Unit can be another skilful aid for you. It is capable of distinguishing up to 64 voice commands. It also receives and emits IR signals, so it can act as a classic remote control. From now on you only need to state your wish and the Sophy unit will fulfill it immediately. Sophy is delivered in the elegant design of LOGUS<sup>90</sup> switches.

# GYROCONTROL



## Scroll button

Scroll the iMM list by pushing the button slightly up or down. Use the same method for scrolling the list of stored files (pictures, films, music) and choosing entertainment as you wish.

## Left button

The most frequently used button from the control. Has the confirm function you are used to from a regular mouse.

## Back

This button is used for going one step back – playing the previous track, displaying the previous picture, etc.

## Play/Pause

This button controls video playback.



## Right button

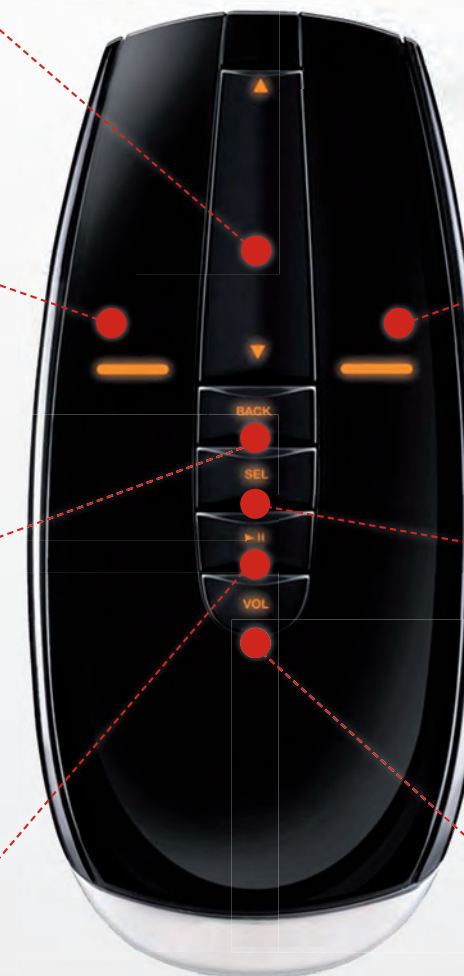
Serves for deleting items from the playlist, should you wish to do so.

## Sel

By clicking this button you will display the iMM menu, i.e. the status bar at the top, the module menu at the bottom and the control panel on the right of the TV screen.

## Volume control

Controlling the volume of the audio playback. Increase volume by pressing and holding the button and moving your hand from left to right, and decrease the volume by moving your hand from right to left. Switch off the audio with a short click of the button (MUTE).



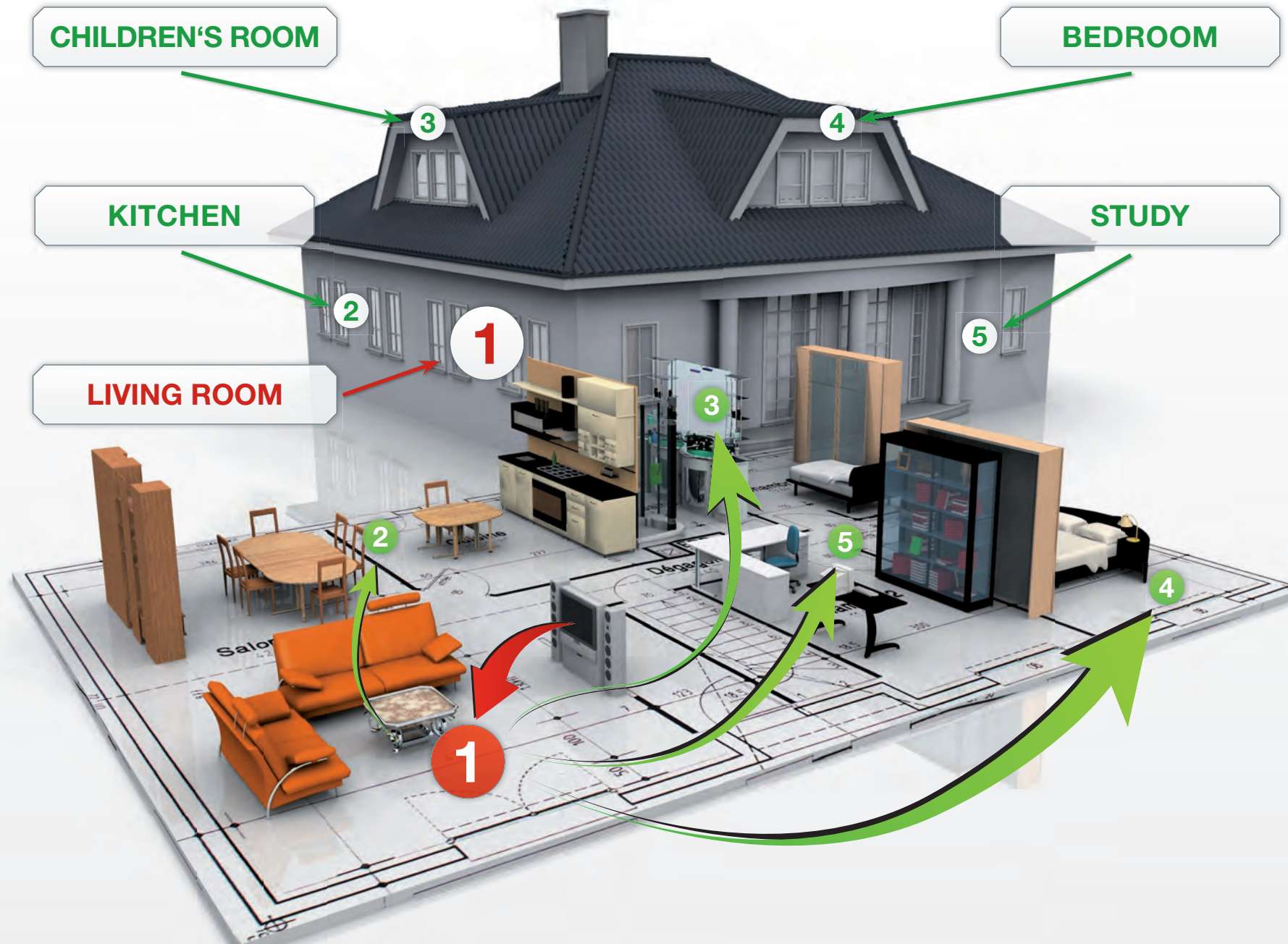
# MULTIROOM FUNCTION

# IT WILL FOLLOW YOU



## ENTERTAINMENT ANYWHERE WITH NO PAUSES

You can quickly and easily choose the room (audio or video zone) you want to control, in the iNELS Multimedia system. Sit back comfortably and enjoy the luxurious feeling that you can switch on a movie in the bedroom, play music in the kitchen and at the same time check what program your children are currently watching, all from a single spot. You can control the whole system and play with it as you wish from all the connected zones. From any video zone you have free access to the shared files (pictures, films, music), connected cameras and other electrical installation devices (lighting, heating, etc.).



## FINISH WATCHING YOUR MOVIE IN PEACE

You are sure to appreciate yet another practical function of the IMM. For example, the album or movie that have just started viewing in the living room can be easily „moved“ to another room at the other end of the house and enjoyed right from the room where you just left. Now you won't have to be surprised when your partner wants to use the room you are occupying or when children come in needing to play just where you happen to be watching a detective movie. Entertainment in your home no longer has boundaries.

## FOLLOW ME

A special function of the system, in which you use the Gyro Control (or by touch) to click on a room you are currently in (the name is displayed on the left-hand side of the status bar). The "FOLLOW ME" option appears. Confirm it with a click. Then, in the same place, choose a room where you want to take the film you are currently watching. The confirmation of the required action appears on the TV screen: FOLLOWED. And that's all.



# iNELS TOUCH PANEL

## ALWAYS IN ITS PLAC

The philosophy of the iNELS Multimedia system lies in its ease of use and communication in all directions. You control everything with the wireless Gyro Control from the comfort of your sofa or via system accessories, the iMM Touch and iMM Tablet. Any home technology can be connected to iNELS Multimedia. The menus of the system, video and TV programs are produced in high-definition (HD), providing superior audio and video quality. The time-tested stability of the Linux operating system ensures high reliability and trouble-free operation of the iMM system.



**DON'T HESITATE  
AND TOUCH IT!**

# EXCEPTIONALLY LUXURIOUS DESIGN

*Current date*

*Room (zone) selection*

*Current time*

*Control of lights and blinds*

*Control of heating, air-conditioning*

*Control of video cameras, alarms, gates, ...*

*Playback of photos, films, music, Internet, intercom*

*E-mail, calculator, notes, information*

*Scenes*

*Current temperature indoor/outdoor*

*Accept/refuse call from door communicator*

*Switch on/off the zone and its connected equipment*

*Display for type of running media*

*Link to favorites*

## ALWAYS HANDY

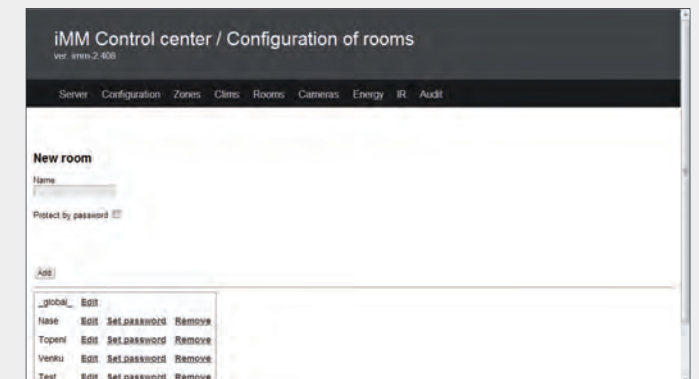
If you prefer variable timeless solutions, we have a very interesting opportunity for you to be always one step ahead of the game. Do you need to be mobile? Even when in the garden, you can control your house or watch television. The iMM Tablet functions as a video zone, but is portable. Its range matches the range of your home wireless (Wi-Fi) network. Are you thinking about how to get it as soon as possible?

The iMM Touch will pleasantly surprise you with its timeless graphic design. The combination of the black background with white icons will enrich your home with a premium design accessory.



## VARIABLE SETTING

You can set iTP very easily via web interface. You can determine yourself what features you want on your iTP, you can to choose their location or have all deployed automatically. You decide how you want your iTP to look.





# DESCRIPTION OF INDIVIDUAL FUNCTIONS

# SIMPLE, LOGICAL, WELL-ARRANGED

## MENU ELECTRO-INSTALLATION

In menu Electro-installation you can set the control of lights, blinds and other appliances throughout your home. Everything is controlled by a simple click on the icons identifying lights or blinds. If the lights are turned on, the icon of light is lighted up on iTP.



## MENU MEDIA

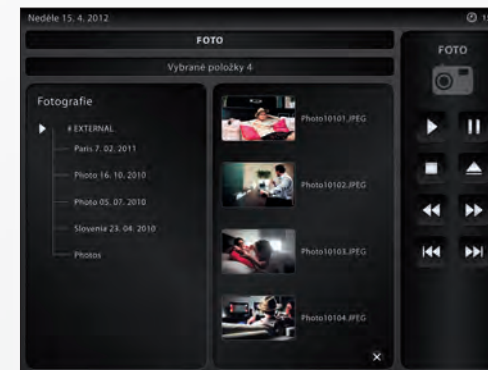
By using the menu Media you can switch your favorite TV programs on different televisions, to watch movies, play music in Audiozone or on TV. View your favorite photos right in the iTP or browse and reply to the emails. With this virtual keyboard it is easier than you can imagine!



## MENU AIR-CONDITION

This lets you keep the climate in your entire home under control. The module actually makes it fun to regulate air-conditioning, ventilation, heating and dehumidifying. Moreover, through interfacing with the weather station, you gain a clear overview of the current weather (information on strong wind, moisture and temperature).

Another innovation in ultimate comfort regulation is the option of controlling fan speed in preset modes (Low, Medium, High, Auto), the option of turning valves or activating the Plasma function.



## Photos

It certainly happened to you, that you remember a favorite photo, but did not want to turn on your computer and intricately search for it in other documents. From now just one touch of the iTP and you are there. All stored photos can be found easily and quickly.



## MENU SAFETY

Maintain clear control over the security of your home. You can choose to display video from one video camera or possibly track events from four video cameras simultaneously. Clicking on the selected video camera displays its image on full screen of iTP. In the menu on the right side you can zoom in/out, rotate the camera to the sides, or just turn it off.



## Movie

Of course you can play your movies. When you get tired of the shows on TV you simply select the movie stored in a central storage, and enjoy the comfort! Play it from iTP to any television in all zones. One touch is enough.

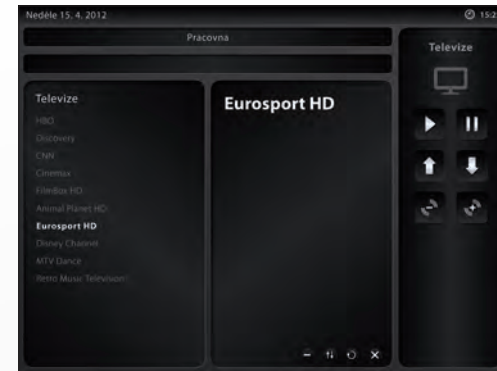


# DESCRIPTION OF INDIVIDUAL FUNCTIONS

# SIMPLE, LOGICAL, WELL-ARRANGED

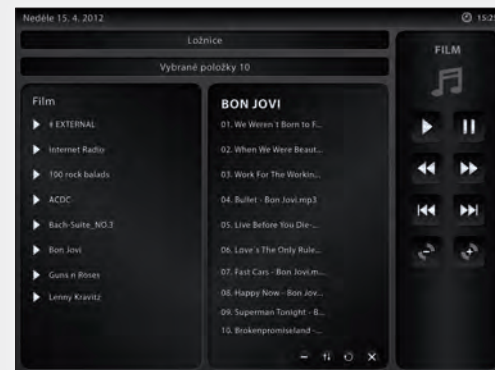
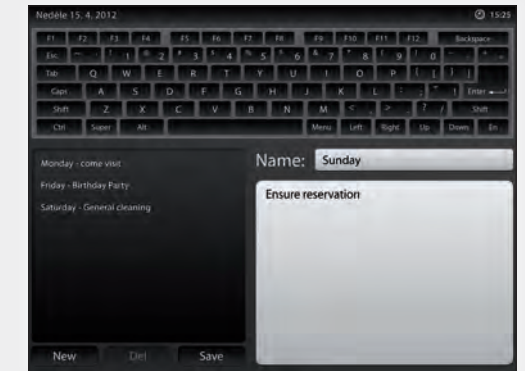
## Television

Entertainment throughout the home is under your control and you can operate it from a single location. With just a touch you can select channels on televisions in each zone. To switch between zones, just by clicking on the chosen zone - directly above the list of TV channels. Fun around the house and the comfort of control from one place, that's iTP!



## MENU ACCESSORIES

Make a note directly in iTP, verify the accuracy of your calculations using a simple calculator or read the e-mails easily and quickly in iTP. From now on you have quick and perfect overview!



## Music

Upload your favorite songs and launch them directly in iTP using a few simple touches. You can create your own clear playlist and play it in any Audio or Videozones. You can also control the volume of zones via iTP. It's up to you and your mood, when choosing what music will sound throughout the whole house or only in selected rooms.



## E-mail

Keep a complete overview of your e-mails directly in iTP. Do not limit yourself in your communication! Enjoy the freedom and send e-mails from different places of your home. Send and receive messages via e-mail client, which is implemented directly in the iTP. Virtual Keyboard allows you to write anything on your mind.



## Internet

An integral part of our lives and the iTP device is a web browser. Take the opportunity to be on-line - just so you know about current weather, events at home and abroad ... to stay abreast. Use the virtual keyboard to choose your favorite Websites and share your experiences with others.



## SWITCHING APPLIANCES

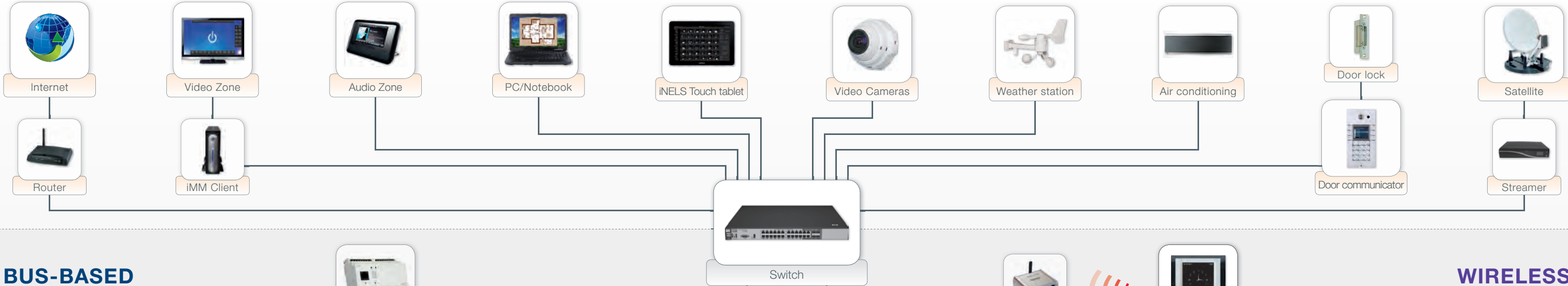
Advanced household control is offered through the possibilities of integrating third parties. We are now partners with Miele, world-famous and trusted brand in home appliances. Through iTP, you can check the status of the washing machine, drier, dishwasher, coffee maker, refrigerator, freezer, built-in steam oven, ceramic cooktop, induction cooktop, or hood, all from the series of appliances Miele@home!



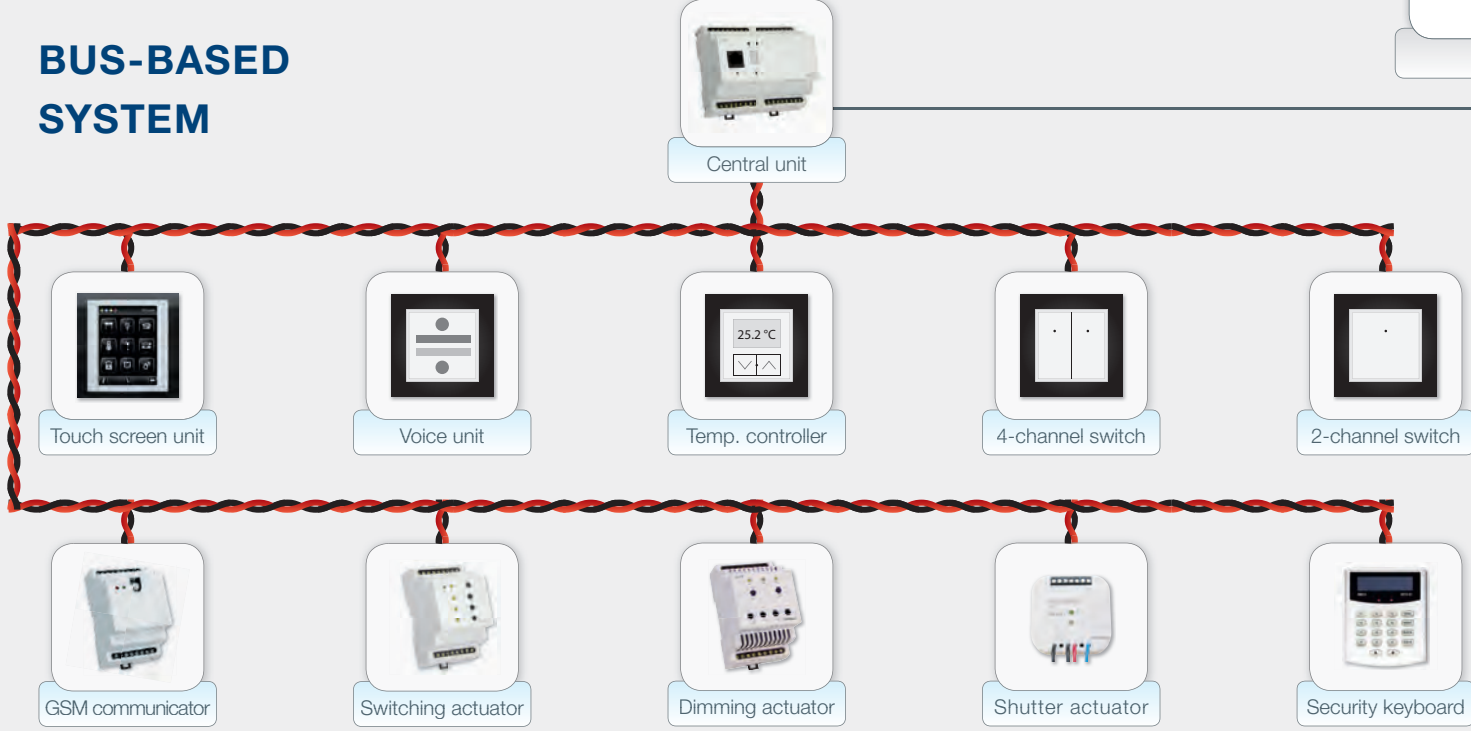


# COMPREHENSIVE SOLUTION

## MULTIMEDIA EXTENSION



## BUS-BASED SYSTEM



## WIRELESS SYSTEM



# COMPANY INTRODUCTION

## TRADITION ON THE CZECH MARKET

We have been developing and manufacturing electronic devices for home and industrial electrical installation systems for you for 20 years. We have developed dynamically from a family business into a large company with 160 employees, our own development facility and modern production technologies. Thanks to this tradition and rich experience, we have started to produce our own iNELS smart electrical installation system as well as the RF Control wireless control system.



MODULAR  
ELECTRONIC DEVICES



INTELLIGENT  
ELECTRO-INSTALLATION



WIRELESS  
CONTROL



HOUSE SWITCHES  
AND SOCKETS



## HIGH-QUALITY DEVELOPMENT, PERFECT SERVICES

Our product line includes a wide range of electrical products: – various types of relays, contactors, dimmers and other equipment needed in home electrical installation systems – from simple to highly sophisticated products. All products have been designed and produced in compliance with ISO standards. The same requirements apply to our consumer goods. We offer our customers complex solutions, technical support and assistance, consulting services, high-quality products and reasonable prices. Our solutions will save you time and money, provide you with better security and convenience of use, and will surpass your expectations.

## ELKO EP WORLDWIDE

Our wide portfolio of products has been the key to our success in doing business on foreign markets. We have successfully set up branches in Russia, Poland, Hungary, Slovakia, the Ukraine and even the USA, and we sell products in dozens of other countries, either as suppliers and partners of leaders in the electrical engineering field or independently.

# QUICK OVERVIEW



**Video zone**  
(iMM Client - Television)



**Audio zone**  
(Squeezebox)



**iNELS Touch Panel**  
(Tablet or flush-mounted wall unit)

 Control of bus wiring elements (appliances, lights, blinds, heating)		-	
 Control of wireless elements (appliances, lights, blinds, heating)		-	
 Controlling and playing slide shows (of pictures)		-	
 Playing music and Internet radio Control of playback of music and Internet radio	 	 	- 
 Playing movies and watching television Control of movie playback and television	 	- -	- 
 Control and recording of video cameras	 <b>Max. 9 video cameras</b>	-	 <b>Max. 4 video cameras</b>
 Browsing the Internet		-	
 Communication with door communicator		-	
 Control of HVAC (air-conditioning, heat pump)		-	
 Control of Miele appliances		-	





**INELS**<sup>®</sup>  
smart home solutions



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

YOUR HOME LOVES YOU!



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