

iNELS Highlights

Visit our stand 1-Q75

**Integrated
Systems
Europe**

iNELS[®] including



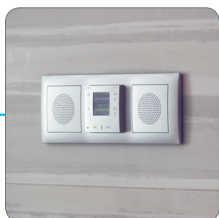
WIRELESS

installation



BUS

installation



AUDIO-VIDEO

distribution



GRMS

Guest Room
Management
system



BMS

Building
management
system



3rd PARTY

integration

NEWS

3rd party system
integration

Building
management system

Guest room
management system

BUS&RF integration

MIELE@home 2.0

Onvif IP cameras

Smartwatch
iNELS app

Smart Kits

Energy
management

www.inels.com

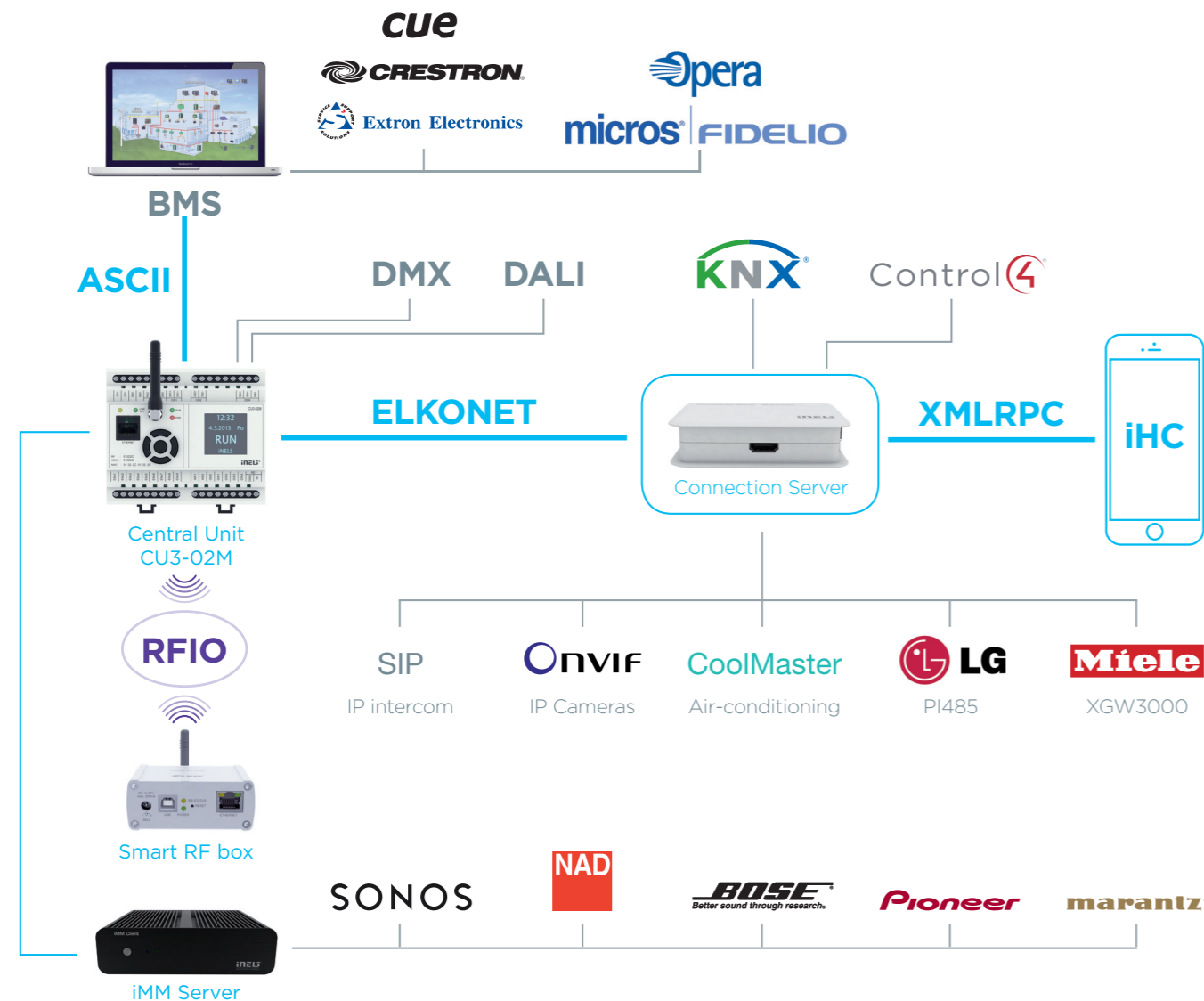
3rd party system integration

The INELS solution provides the user with a single driver for all technology in the home or building. This gives the customer the option of central and remote monitoring for the entire system. We are able to offer a truly comprehensive solution, integrating more and more protocols, devices and systems.

iMM and Connection Server now support communication with up to eight central units with the iNELS protocol ELKONET. With the combination of topologies and protocols for integration of digital lighting control we can control DALI and DMX eg. Large lighting systems, with up to four thousand lights.

With the central unit CU3 we have further developed open communication protocols, ASCII using TCP communication, which is able to integrate, iNELS in large BMS (BAS), the management systems, for example. Crestron, Extron, CUE and others, or PMS systems such as Fidelio and Opera.

Within the music controls, we have integrated the new Sonos wireless speakers and it is now even easier to play music from a central repository with VoIP solutions, you can use a universal SIP protocol for IP cameras ONVIF for universal use, to control the A / C we turned to the integrated universal CoolMasterNet.



Building management system

The central unit CU3 has a universal ASCII protocol, which is able to integrate iNELS into Building Management Systems. The protocol is open and completely flexible depending on the system integrator, with which the iNELS system interconnects. Within iNELS BMS is contained the ideal solution for the control of lighting, shading, appliances or temperature.

iNELS&CUE integration

Two Czech companies ELKO EP (running iNELS) and CUE promote mutual cooperation and the result is a solution offering connections of up to 32 iNELS central units. This joint solution is ideal for managing large projects e.g. Office buildings, conference rooms or lecture halls, and including, for example, the reservation system for these areas.



DALI / DMX

We have developed the EMDC-64M unit - a gateway between the INELS system and digital protocols for lighting control of DALI and DMX. Using iNELS it makes it now possible to drive up to four thousand lamps divided into individually customizable zones and controlled modes depending on the time and intensity of sunshine, which together applied effectively reduce energy costs.



Entrance (door) panel



Combined controller



Multifunctional touch panel



Lara... Radio and Music player



MIELE@home 2.0

Through the XGW 3000 gateway and the iHC and IMM applications the user acquires control of Miele appliances from one place - your phone, tablet or TV. It is possible to monitor remotely e.g. washing machine, dryer, oven, dishwasher and coffee maker.



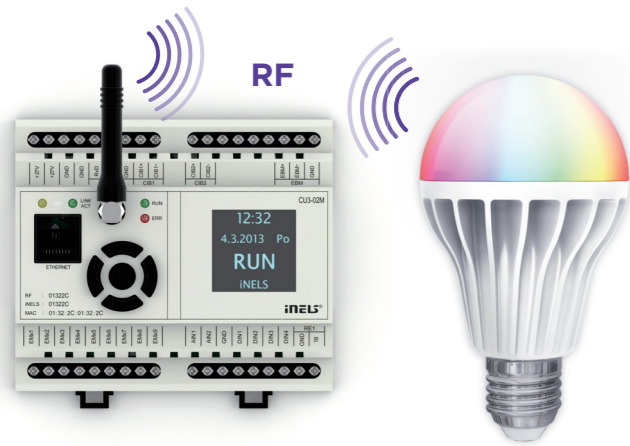
Sonos wireless speaker

Recently, we have integrated the Sonos wireless speakers and it is now even easier to play music from a central repository to individual zones, centrally and remotely from a single location, for example. Reception.

Guest room management system (GRMS)

The iNELS solutions for Guest Room Management Systems offers a designer Corridor Room Status Panel RFID reader and touch panel for the control of lighting, HVAC,

and music scenes. With iNELS is also possible to connect to PMSs (Property Management Systems) such as Fidelio and Opera.



BUS&RF integration

The CU3-02M central unit has the option to control RF Control wireless receivers. This makes it possible to fully combine bus and a wireless system and benefit from it.



CoolMasterNet

The CoolMasterNet device integration enables integration with iNELS using the universal protocol control of the main representatives of HVAC solutions, such as. Daikin, Gree, LG, Mitsubishi, Panasonic, Samsung and Fujitsu.



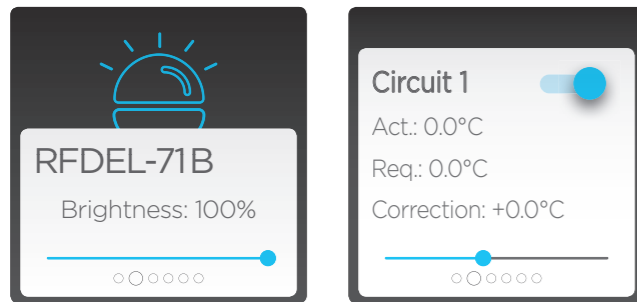
Onvif IP cameras

With the integration of the universal ONVIF protocol the user is not limited in selecting the brand of IP cameras and may choose any of the 300 manufacturers whose cameras are compatible with this protocol. By applying iHC it is easy to keep track of events.



VoIP solutions

VoIP solutions increase the sense of security as the user using video and audio transmission can simply verify who is standing at the entrance to the building. We have integrated universal SIP iNELS and thus it can be used with a wide range of IP intercoms, for example. 2N.



Smartwatch iNELS app

It is a well-known fact that ELKO EP is not afraid to invest in new trends and technologies. One other direction that we are going, is the application called Smart watch or Smartwatch.

The application that combines the Smart Watch and Smart Home is called iNELS HOME CONTROL. Normally a customer's smartphone is able to connect via Bluetooth with their smart watches. The owner can control the lighting in the house, switch appliances, blinds or regulate the heating while fully engaged in other important activities. The application is designed for watches supporting the Android operating system.

iNELS Home Control

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. With iNELS, you always keep an eye on your home. Anytime, wherever... 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.



Smart Kits Do Your Smart Home Yourself



www.inelskits.com

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

Usage brings modernization, comfort and significant savings that can in many cases add up to 30% per year. Kits are divided by Theme, for example, remote control of heating, lighting, music player and Internet radio.



Energy management

We have introduced a revolutionary way of measuring the energy through iNELS and wireless or bus technology. Evaluation takes place in real time and can significantly reduce energy costs.

Benefits

- Measurement of electricity, gas and water
- Installed on your existing meter
- Without structural modifications
- View on your smartphone
- Connect of up to 140 meters to iNELS BUS



Electricity

Gas

Water

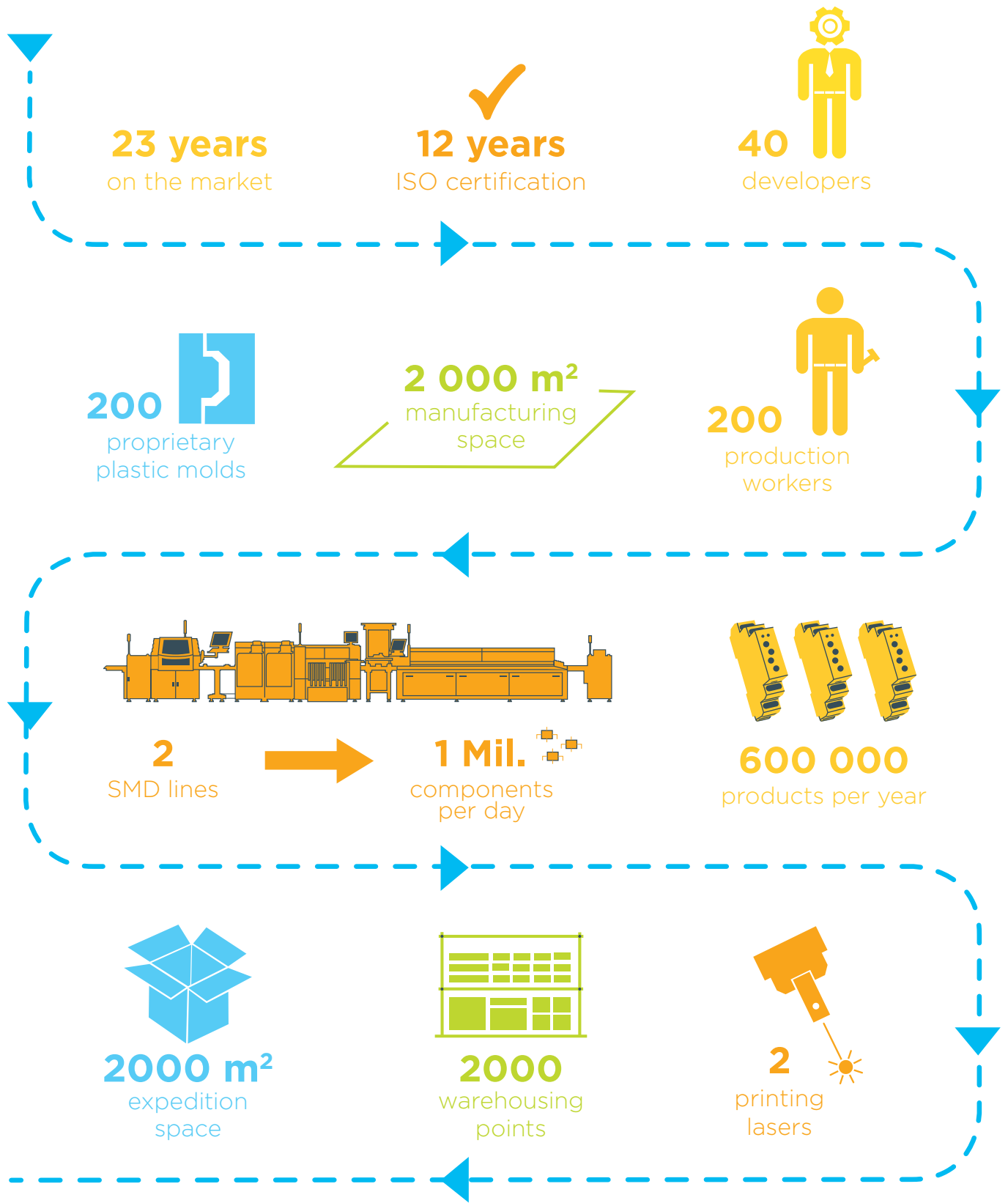


Others just resell

However, we develop and manufacture products ourselves!



Enjoy watching the entire manufacturing process, from developing the product to its expedition in this video.



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