



Know who is coming home!

Integrating ekey finger scanners
into building control systems

NEW!

ekey KNX converter



Europe's No. 1 for fingerprint access solutions.

More than 1 million satisfied customers are the best possible recommendation for our products! For many years, both private households and leading companies alike, along with organizations such as fire and rescue services, have been putting their trust in proven ekey finger scanners.



ekey was founded in 1999 and is now Europe's No. 1 for fingerprint access solutions. ekey puts authorization into the customer's hands! Keys, cards, codes, etc. can be lost, forgotten, or stolen. „Your finger is always on hand!“ ekey's wide range of products includes finger scanners for doors, gates, alarm systems and time recording.

The international company currently has 70 employees at its 5 locations in Austria, Germany, Liechtenstein/Switzerland, Italy, and Slovenia and exports its products to over 70 countries, with exports making up 73% of its business. ekey's main sales markets include Spain and the USA, in addition to Austria, Germany, Switzerland, Slovenia, and Italy.

QUALITY

All ekey products undergo a rigorous endurance test before they reach the market. The test involves intensive simulations of blazing heat, biting cold, and high humidity, and every finger scanner is subjected to these conditions, along with all of its components, countless times before reaching the customer.

Our quality formula comprises the highest standards of functionality, reliability, and security, which are refined by means of extensive testing.

Quality-tested products from ekey – you can count on us!

CERTIFIED QUALITY MADE IN AUSTRIA:

- Extensive production, manufacturing, and functional testing (zero tolerance)
- Testing for environmental and temperature resistance
- Vibration- and shock-tested
- Tested for penetration of water and mechanical parts
- Quality management system in accordance with EN ISO 9001:2008



Good reasons to choose ekey finger scanners



Unrivalled convenience

Impossible to lock yourself out, as your finger is always on hand!



Maximum security

- No lost or stolen keys!
- Maximum protection against forgery thanks to live finger detection with RF sensor technology!
- Not possible for access to be passed on (using a card or key, for example)!
- 1,000 times more secure than a 4-digit code!



User-friendly

Easy installation and administration!



Intelligent software

The intelligent software is learning all the time – it can detect the growth of children's fingers as well as minor injuries and changes to users' habits.



5-YEAR QUALITY GUARANTEE

for all ekey products!



ekey makes your home more intelligent.

There is already a wide selection of different manufacturers making building control systems which are designed to make 21st century life as comfortable and safe as possible for you. However, by using the ekey fingerprint access control system, these systems can now detect „**who**“ **triggers an action** and therefore make it possible to control, manage, or grant access to your building based on a particular person.

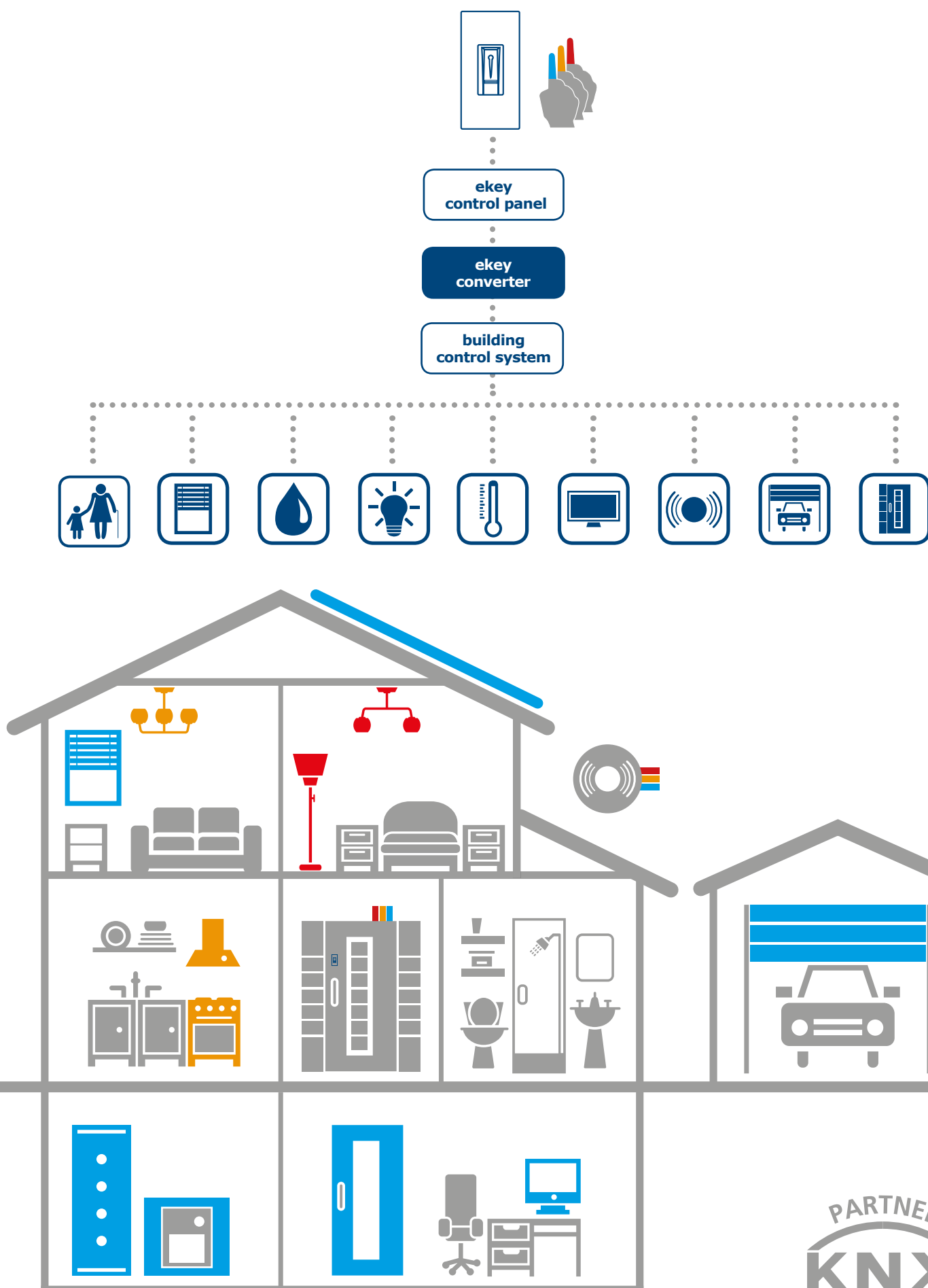
By integrating ekey fingerprint access control solutions into your building control system, you get lots of new options:

- With ekey, the house knows **who is present** and who is not in the house.
- Depending on who is entering the house, it is possible to do much more with your fingerprint than simply opening the door – you can also **save a lot of energy** as the lighting, heating, and blinds are controlled intelligently.
- These options can be **configured on a user-specific basis** – so the TV and the stove remain off when it's just the children at home, for example.
- It is even possible to implement **time-dependent authorizations**: This means, for example, that the cleaner only has access to the house at certain times.

When it comes to the user-defined options, the only limit is the user's imagination.

- For public buildings and companies, there is the option to **record who** has entered the building, as well as the **time and location** at which they have entered. This also makes it possible to use the system for **time-recording purposes**.
- What's more, **information about whether an authorized finger** has been swiped over the reader is available. If the person is not authorized, this information could be used to switch on the garden lighting and store a photo from the door camera in an archive, for example.
- Using a logic in the building control system, it is possible to trigger a **different command with each finger saved**.

Automate your house **intelligently**, starting with an ekey fingerprint access control solution.



PARTNER
KNX

The advantages of ekey finger scanners in conjunction with building control systems are at your fingertips.



Unique identification

creates the ideal conditions for a home automation system that works as efficiently as possible so that **your house knows who is at home!**



Highly innovative technology

- State-of-the-art access solutions are a fundamental feature of advanced building concepts
- Increase the value of the property



Person-specific configurations, for example

- Children: Disable the stove, enable the camera in the house
- Light setting control, heating/air conditioning control, shading



Access control

- Thanks to the protocol, you know who triggered an action when and where!
- It is also possible to use the system for time-recording purposes!
- Information about whether an authorized finger has been swiped over the reader
- Time-dependent authorizations, e.g., cleaner (Friday between 08.00 and 12.00)



Different actions can be triggered with different fingers, for example

- Enabling/disabling the alarm system
- Checking in and out (in the building control system)
- Opening doors, gates, etc.
- Switching various controls



Saving energy

- E.g. by controlling complete sections of a building
- By using predefined settings for lighting, blinds, heating, air conditioning, and ventilation
- Holiday function



Accessibility

for young and old alike is often a key consideration for customers.
E.g. enabling the voice control using fingerprint identification

ekey interfaces for connecting the equipment to third-party systems:



ekey home CV LAN RS-485

The ekey LAN converter for connecting the equipment to third-party systems with a UDP protocol.



ekey home CV WIEG RS-485

The ekey Wiegand converter converts the RS-485 protocol used by ekey into a 26-bit Wiegand protocol (adjustable).



NEW

ekey home CV KNX RS-485

The certified ekey KNX converter converts access information directly into KNX events.

Aside from these converters (KNX, UDP, Wiegand), ekey also offers the option of coupling finger scanners directly with third-party systems using a software development kit.

ekey provides **the right solution for every requirement!**

ekey gives you the option of integrating third-party systems, such as building control or alarm systems into ekey access control systems using ekey KNX, WIEGAND, or LAN (UDP) converters.

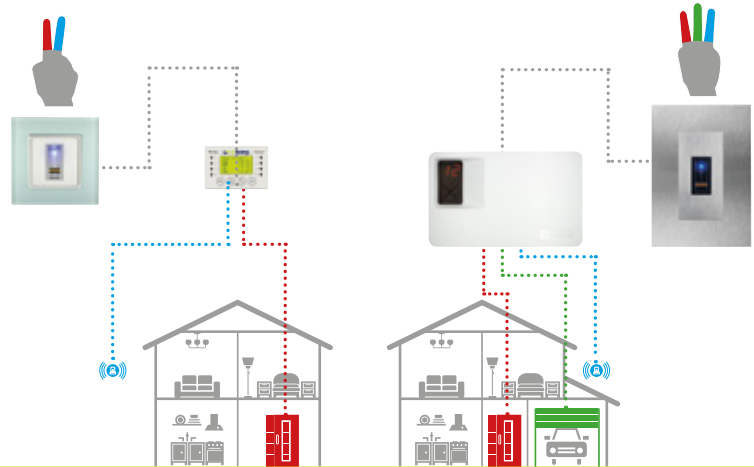
The right access solution for my private space.

ekey home

Single-point access solutions.

Control up to 3 functions with just one finger scanner.

- can store up to 99 fingerprints
- can be used to control from 1 to 3 functions (e.g. door, gate and alarm system)
- easy to operate via control panel or using the ekey home app (ekey finger scanner integra 2.0 Bluetooth)



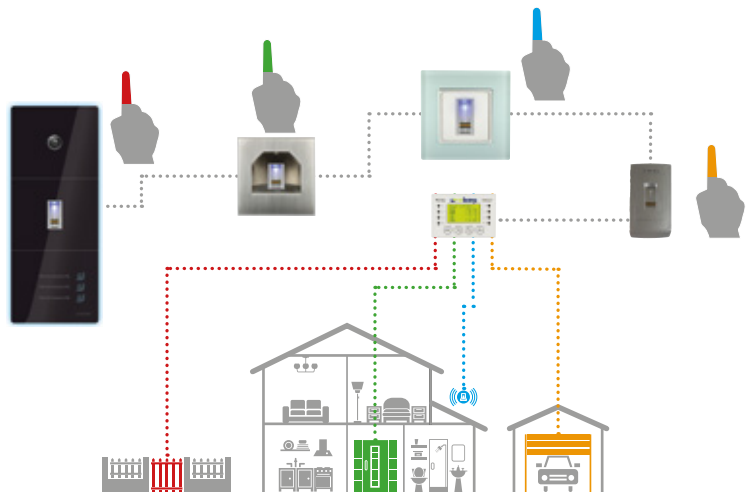
The ideal access solution for home and work.

ekey multi

Multi-point access solutions.

4 finger scanners are managed by a single control panel.

- can store up to 99 fingerprints
- supports up to 4 finger scanners
- can be used to control up to 4 functions
- programmable time slots
- access log recording for every finger scanner
- user-friendly operation via control panel
- central user administration
- user permissions can be assigned on a personalized basis



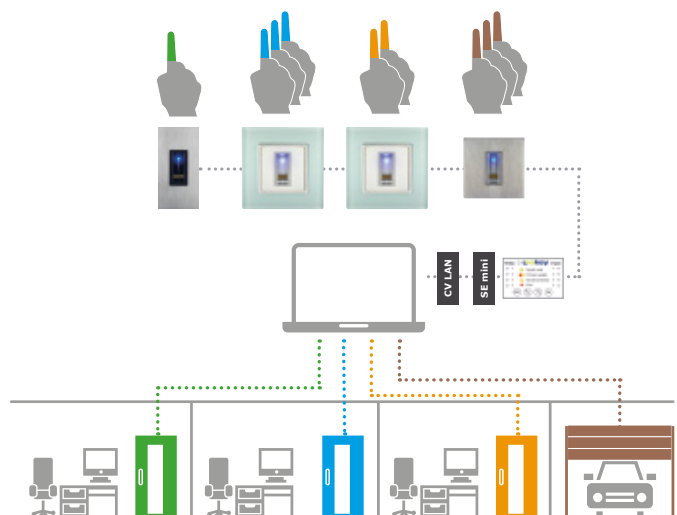
The networkable access solution for companies and discerning households.

ekey net

Network access solutions.

The networkable access solution for companies, associations, and discerning households.

- each finger scanner can store up to 2,000 fingerprints
- supports up to 80 finger scanners
- can be used to control up to 4 functions
- programmable time slots
- access log recording for every finger scanner
- supports cross-site administration
- central administration via PC
- calendar function





The right model to suit every requirement.



wall-mounted

For on-wall mounting and easy retrofitting



keypad

The ekey code pad – an alternative to the finger scanner.



outlet-mounted

For outlet mounting in switch frames or integration into door stations and mailboxes.



ekey lock

Radio cylinder for retrofitting all ekey fingerprint access solutions.



integra

For dry wall or recessed installation and for integration into front doors.



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