KNX is the basis for all home automation applications.

- **Heating**: Automatic and optimised heating control according to room usage or the climatic needs.
- **Ventilation**: Windows will be opened according to requirements. The ventilation system reacts to the presence of people in the room.
- **Blinds**: Control of blinds and shutters dependent on wind, brightness and rain or according to a schedule.
- **Lighting**: Central lighting controlled in the house and garden. Choice of different lighting scenarios or individual dimming.
- **Audio**: Remote control from wherever in the house or the mobile device in a single room.

**Display**
- Presentation and operation of all systems in the house via wall mounted display, easy visualisation and integration of audio-systems and monitoring cameras.

**Security**
- Reporting of open or broken windows and doors, burglar, smoke emission etc. – if desired also via telephone or via the internet – camera monitoring of the entrance.

**Emergency**
- Determination of potential break-ins by switching on the entire home lighting system (panic mode).

**Travelling**
- Simulation of an occupied home through control of lighting and security systems.

**Everyday life**
- Daily time control of lighting, heating, ventilation, blinds etc.

**Criteria for KNX:**
- A worldwide standard (ISO/IEC 14543)
- The leading bus system for "Intelligent Home"
- Vendor independent through 360 manufacturers
- Reduces electrical and magnetic fields
- Customised solutions for new buildings and renovation

**KNX is flexible**
- An alternative to the wired (two-wire line) transmission of data within the bus systems: radio transmission, telephone network or internet (IP). Radio transmission is ideal for renovation in existing buildings.
- The electrical contractor ensures linking and programming according to the customer’s needs. The system can be easily adapted at any time, adapted to changing needs or expanded with additional functions. This ensures you a high degree of flexibility.

**Choose your partner**
- KNX partners are electrical contractors and building designers that have acquired the necessary KNX skills. Already today more than 36,000 installation companies have trained themselves in more than 50 countries, figure constantly increasing. The choice is yours!

**Partners**
- ▲ www.knx.org
**Comfort**

Any day

Don’t waste your time on time-consuming routine jobs. Tell the system what to monitor and control. The intelligent home automation system will do the rest and will inform you automatically of the results.

**Efficiency**

Energy savings

Conscious use of energy ensures our future and makes your home more economical. KNX is one step ahead. Blinds, shutters, room thermostats, heating valves, window sensors, and light sensors can communicate with each other via KNX. Intelligent networking automatically decreases the energy and heating consumption for you at a considerable benefit.

Technology for the next generations

Your house is alive. Generations will walk in and out. But KNX remains. The system will help you adapt your home automation system to your changing needs. This will increase the long-term value of the real estate and in the long run decrease upgrading expenses.

Customized products

KNX thinks in building blocks. We call it modular system technology. The big advantage: network and home automation can be expanded and rebuilt at any time. For small or large projects, renovation or new buildings, KNX always has the best customized products and ensures the most efficient solution.

**Security**

Observant network

KNX is always alert during the day and when you are on the road. The intelligent network for home automation connects motion detectors, window glass break sensors, and blind controls with the alarm system, the emergency button, and your mobile. This ensures your protection and security – day and night.

Quick response

Never caught by surprise. In case of smoke emission the networked smoke detector will alert you and all other inhabitants of fire breaking out. Also, water- or gas leaks are recognized and reported immediately before irreparable damage can occur. Even when you happen not to be at home.

Everything under control

Enjoy your holidays without any worries. The security settings of KNX can make your home appear inhabited – so you can sit back and relax.

**Efficiency**

Think economically. Act environmentally aware. Install KNX.

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