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IFA 2019: ARTIFICIAL INTELLIGENCE MEETS SMART HOME

The latest KNX solutions provide more security and convenience

BRUSSELS / BERLIN, 20 AUGUST 2019 – *KNX, the world's leading standard in smart home and building (ISO / IEC 14543), combines high comfort, maximum safety, energy efficiency, and environmental protection in a single system. Numerous manufacturers will be demonstrating how this interaction works this year at the International Consumer Electronics Fair (IFA) from 6 to 11 September in Berlin. At KNX booth 123 in Hall 11.1, KNX professionals will present their latest KNX solutions and offer visitors the ideal opportunity to explore smart applications using Artificial Intelligence (AI) for more security, convenience, and assistance in everyday life.*

“Smarter living” thanks to Artificial Intelligence

With KNX, Smart Living becomes reality. Thanks to the standard, private homes can be quickly converted into smart homes. These can then be easily controlled via app on a smart phone or tablet. Numerous everyday household activities are automated in such a way that users no longer have to worry about them: from the control of room temperature, ventilation, and lighting to the smooth interaction of all smart household appliances and effective burglary protection. With a smart, integrated energy management system, KNX also ensures energy savings, which not only reduces costs but also protects the environment.

Best protection against cyber attacks

To ensure that the Smart Home does not become an attractive target for hackers in the first place, KNX also places special emphasis on IT security. With KNX Secure, every Smart Home receives a sophisticated security architecture based on internationally standardised security algorithms (ISO 18033-3) and CCM encryption according to AES 128. The communication and data exchange between all smart devices in the home is completely encrypted and authenticated with KNX Secure so that they are protected against unauthorised access and manipulation. KNX is the only standard for Smart Home and Smart Building that meets the highest global security requirements in cyber security.

Expert advice for all IFA visitors

To date, over 370 million KNX devices have been installed in smart buildings worldwide. IFA visitors who would like to find out first-hand about KNX, the technology of the future, can obtain comprehensive and free advice on the versatile applications and numerous advantages of the worldwide standard from KNX experts at Stand 123 in Hall 11.1.



Smart home and building solutions.
Global. Secure. Connected.



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PHOTO MATERIAL

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Picture
KNX logo

About KNX

KNX Association is the creator and owner of the KNX technology - the worldwide STANDARD for all applications in home and building control, ranging from lighting and blind control to various security systems, heating, ventilation, air conditioning, monitoring, alarming, water control, energy management, smart metering as well as household appliances, audio/video and many more. KNX provides a single, manufacturer independent design and commissioning tool (ETS), with a complete set of supported communication media (TP, PL, RF and IP) as well as a complete set of supported configuration modes (system and easy mode). KNX is approved as a European (CENELEC EN 50090 and CEN EN 13321-1) and an International standard (ISO/IEC 14543-3). This standard is based upon 29 years of experience in the market. Over 470 member companies worldwide from different application domains have more than 8,000 KNX certified product groups in their catalogues. The KNX Association has partnership agreements with nearly 83,000 installation companies in 190 countries.



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