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Key Milestones In KNX IoT Technology
New ETS App: Password Manager

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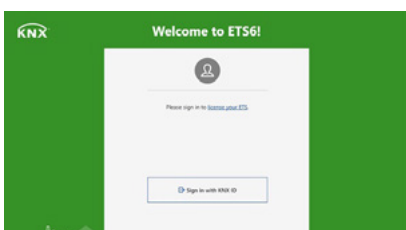
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In the Year 25

“KNX is intelligence in structure and infrastructure. KNX makes the future”.

Futurologists don't have an easy time predicting the future. Just think of George Orwell with his novel '1984', Aldous Huxley with 'Brave New World' or Zager & Evans with 'In the Year 2525'. Aristotle was also quite wrong with his world view. Most of his prophecies for the future have already been overtaken by reality in the present. Artificial intelligence will shape the future, that's for sure. Futurology is the science that seriously conducts 'systematic and critical scientific analyses of possible future developments in the technical, economic and social fields'. A kind of oracle of Delphi in modern terms.

So what does the future of KNX look like?

Let's take a look at the practical application in buildings and building technology, which will be with us for at least many decades and whose foresight can be technically formative for the next half century. The aim here - as always with KNX - is to move from the necessary to the possible and thus to the useful.

What is the next stage of evolution?

The American futurologist Ray Kurzweil says in his book *The Next Stage of Evolution*: 'In the 2030s, the non-biological part of our intelligence will predominate.' Intelligent activity, as we can understand it, will result from the sum of human intelligence plus machine assistance.

What does this mean for us and our buildings?

The future will indeed belong to the intelligent building - and that goes beyond the **smart building**. The difference is significant: in a smart building, the functions of the systems are programmed according to the user's requirements in order to fulfil demands such as necessity, safety, comfort or convenience. The term smart home has also evolved in the process. Today, it encompasses far more than the original concept and functions as a meta-level, so to speak, from smart buildings and smart metering to smart grids and even smart cities. It encompasses cybersecurity as well as digital services.

An **intelligent building** is also capable of independently adapting the individual systems to the requirements and their possible changes, optimising them again and again as required, combining technology with service, action with reaction. Artificial intelligence (AI) appears to be a suitable technology on the horizon today. In this respect, Ray Kurzweil is certainly right: intelligence results from the combination of people and/or systems. Intelligent buildings will optimise (themselves) in terms of reliability, safety,

sustainability, economy and resilience - according to human judgement, human needs and internal and external requirements.

They have to do this because the drivers of urbanisation, climate change and, in the case of commercial buildings, building certification are forcing them to do so. They do this by combining independent sub-systems such as energy, heating, air conditioning, information technology, security, services, etc., i.e. both man and machine, into an intelligent system.

But could machine assistance completely take over the thinking of humans? Probably not, say John Kleinberg and Sendhil Mullainathan: 'One day we may have to worry about an all-powerful machine intelligence. But first we need to worry about giving machines responsibility for decisions for which they lack the intelligence.' ... and an understanding of the functions and interrelationships as well as empathy ... can be added. And an understanding of functions and interrelationships is always and everywhere dependent on the infrastructure of the information and its quality. Functions and connections, even on a meta level, that is our business. To know this, however, you don't need the oracle of Delphi, Kurzweil or a profound knowledge of artificial intelligence, just the knowledge of three letters: KNX.

KNX is intelligence in structure and infrastructure. KNX makes the future.



Heinz Lux
CEO, KNX Association

KNX Association achieves key milestones in KNX IoT technology development and certification



New IoT certification and open-source access elevate KNX as the standard for secure, interoperable smart home and building solutions

KNX Association proudly announces several groundbreaking developments in KNX IoT technology, marking a new era of innovation and reliability for smart home and building automation. Through these advancements, KNX strengthens its position as a leader in the global IoT landscape, driving standards for interoperability, security, and innovation. The release highlights KNX's newly launched certification scheme for IoT devices, ensuring stringent quality and security standards, as well as the successful certification of the first KNX IoT devices. With the KNX IoT stack now commercially available on the Thread protocol and an open-source initiative to encourage further innovation, KNX continues to expand possibilities for developers and integrators alike.

KNX IoT - A Success Story in Smart Building Solutions

The launch of KNX IoT was an important landmark, delivering key IoT benefits like high-level IPv6-supported interoperability, advanced physical and network layers, and embedded security by design. From development through integration, KNX IoT provides essential resources for every product lifecycle stage, empowering manufacturers to create top-tier IoT devices, solutions, and services for diverse smart home and building applications. The ETS Tool further simplifies integration and configuration of KNX devices from any manufacturer, across all physical layers, through a modern user interface.

New certification scheme for KNX IoT devices now available

KNX Association has launched its official certification scheme for KNX IoT devices, representing a significant advancement in KNX IoT technology. This certification ensures that devices meet the necessary standards for interoperability and security, setting a benchmark for quality across the smart home and building industry. By establishing this certification, KNX paves the way for a future of secure, IP-based, and seamlessly integrated ecosystems that enhance the reliability and functionality of smart home and building industry. The KNX IoT Stack from the KNX Member Casco-da was certified directly by KNX Association, enabling easier development for other KNX IoT devices. As a result, Futurasumus KNX Test Lab conducted the first external certification tests for the ATOUCH Glass Panels, showcasing the reliability of the new KNX IoT stack and setting a precedent for future certifications.

The KNX IoT Stack Goes Open Source

The first commercial KNX IoT stack, developed by Casco-da, is now commercially available on the Thread protocol, offering KNX members a secure, low-power mesh network solution for smart home and building automation. Additionally, KNX Association has made the IoT stack open source, encouraging industry innovation and transparency. This allows developers worldwide to build on KNX IoT technology, driving the development of advanced solutions for the future of smart environments. Additional KNX IoT stack solutions are in progress to offer new possibilities for KNX Members to develop their KNX IoT devices and solutions in the near future.

JUNG



Security from a single source

JUNG ensures a comprehensive, secure installation in a smart building with KNX Secure. The portfolio includes actuators, DALI gateways, push-button interfaces, area couplers as well as push-buttons and room controllers.



JUNG.GROUP/KNX-SECURE



Click here and
read more.

KNX Executive Board appoints new KNX President and Vice President



From left to right: Klaus Wächter – new Vice President, Jean-Christophe Krieger – new President, Franz Kammerl – retiring President

Jean-Christophe Krieger (Schneider Electric) was appointed the new President of KNX Association. Klaus Wächter (Siemens Switzerland) becomes new Vice President.

The KNX Executive Board Meeting gathered on the 24th of September in Dublin to appoint a new KNX President and Vice President. The KNX Executive Board oversees the strategy, the commercial and technical priorities for the KNX Association, which covers more than 500 KNX Members, and represents the interests of more than 125,000 KNX Partners across 190 countries. Jean-Christophe Krieger, Chief Product Officer with Schneider Electric Industries S.A., has been appointed President of KNX Association, following the retirement of Franz Kammerl of Siemens AG who was the president for the past 11 last years. Jean-Christophe has been the Schneider Electric representative on the KNX Executive Board for the last 8 years, holding the role of Vice President since February 2021. Klaus Wächter from Siemens Schweiz AG takes on the role as new Vice President.

New leadership - a new vision for KNX

Jean-Christophe is one of the leading KNX experts in the world, with 17 years extensive experience and expertise. He will bring to the President role his in-depth knowledge of Energy Management and System Solutions, and wide-ranging international project management and sales experience across multi-segments. High on Jean-Christophe's list of priorities

is a commitment to rejuvenate the KNX image. He comments: "We want KNX to be synonymous with 'peace-of-mind' to end-customers, KNX partners and manufacturers. With building representing 37% of CO2 emissions, KNX is constantly reinforcing its energy management capabilities, to complement the already recognized and well-established automation solutions for buildings and homes."

A Vice President with a vast standardization experience

Klaus Wächter from Siemens Schweiz AG has been an indispensable member of the KNX Executive Board for several years. Klaus brings a lot of experience to the table as the global Standardization Manager at Siemens Smart Infrastructure / Building Products. Klaus comments: "As a Standardization manager, heavily involved with IoT standardization, I am looking forward to helping define the future of KNX technology and KNX IoT in the coming years".

A complete KNX Executive Board - Driving Global Strategy and Innovation

The KNX Executive Board (KEB) is comprised of key industry players from the most important global corporations, driving innovation and influence in the smart home and building automation sector. This board plays a crucial role in shaping the strategy and future of the KNX Association, ensuring its alignment with international trends and standards. The KEB oversees and guides KNX's worldwide initiatives, positioning KNX at the forefront of the industry.

The complete composition of the KNX Executive board can be consulted on the KNX website.

Thread Becomes Partner of the KNX-IoT Startup Incubator Program



Thread Group and KNX Association tighten bonds to support innovative IoT startups in Home and Building automation.

With the introduction of KNX-IoT in addition to the KNX ecosystem, KNX further increased interoperability to Internet Protocol (IP) technologies. Besides Ethernet and Wi-Fi, the market demands new connectivity solutions like Thread. A highly secure, mesh and low power wireless network standard. To facilitate easy entry and accelerate development for new digital business initiatives, KNX launched the Startup incubator program. Since its inception, it has known great success in gaining new partners, sponsors, service providers and new innovative startups. By setting up this new collaboration with Thread Group, KNX gains an invaluable partner in supporting new IoT Startups; Unlocking new use cases, ensuring a faster time-to-market and reducing development costs for emerging IoT companies.

Expanding the KNX landscape with KNX IoT

The extension of KNX IoT marks a significant evolution in the landscape of home and building automation technology and solidifies KNX's position as the largest ecosystem in the industry, offering unmatched opportunities for IP-based innovation and development. The core values of KNX are retained, including the use of ETS software for design and commissioning, and interoperability at the application level. At the same time unlocking new opportunities by embracing IPv6-based wireless connectivity besides KNX Twisted Pair or KNX RF. KNX IoT solutions can be added, while maintaining backwards compatibility with classic KNX systems. Now it is possible to endlessly extend the network with IP-based low power, wireless mesh nodes, found on Thread technology.

Empowering IoT Startups Worldwide

The KNX IoT Startup Incubator unites startups with technology experts and leading global manufacturers to facilitate groundbreaking innovations in the Home & Building IoT sector. The program offers invaluable resources, expertise, and visibility at major events to budding enterprises dedicated to KNX IoT solutions. Startups and KNX IoT make an ideal pair: innovative enterprises meet state-of-the-art KNX IoT technology, which offers Thread as a wireless communication medium. Not only young companies benefit from the KNX Startup Incubator. Thanks to the ideal incubator networking model, it offers all KNX Members new options to bring more innovative IoT products to the home and building automation market.

A strategic partnership where everyone benefits

By intensifying collaboration and joint promotion, KNX Association and Thread Group have solidified their ecosystem development approach, marking a significant milestone in their shared vision for advancing standardized home and building technology, powered by IoT. This partnership is designed to leverage the strengths of both organizations to increase awareness and adoption of KNX IoT and Thread technologies through coordinated efforts. Cross-promotion, collaboration and knowledge exchange will be a cornerstone moving forward, with participation in key industry events, like IoT Solutions World Congress, Light + Building, CES, etc.. Customised support and promotion will be offered for KNX IoT startups, planning to develop KNX IoT solutions based on Thread. Join the KNX IoT Startup Incubator program and get access to special equipment, information, events and much more. More info and application at:

<https://www.knx.org/knx-en/for-manufacturers/startup/>

KNX Awards 2024: 15th edition spotlights the best in smart home and building automation



Each day, visionary, creative, and innovative smart home and building projects are brought to fruition using KNX technology. After an extensive application process for the KNX Awards 2024, a panel of esteemed experts selected 55 outstanding KNX projects from a large pool of submissions. Of these, 12 projects and 1 KNX Member were honored with the prestigious award, announced during an online ceremony after being introduced by distinguished presenters. Thousands of viewers from the global KNX community tuned in to witness the event, where the audience once again played a key role by casting their live vote for the People's Choice Award. In addition, a special Lifetime Achievement Award was presented to retiring KNX President, Franz Kammerl, in recognition of his lasting contributions to KNX.

14 KNX Awards Presented by Global Industry VIPs

The nominees across fourteen categories were presented by key figures in the home and building industry, who also had the honour of announcing the KNX Award winners: Kristel Osorio, Representative of KNX LATAM, Daniel Lee, President of KNX Korea, Massimo Valerii, President of KNX Italy, Luc Vercruyssen, KNX Hackathon 2023 winner and CEO of CDI Projects, Jean-Christophe Krieger, Strategy & Partnerships KNX

Ecosystem and VP of KNX Association, Dan Jago, Director of Inavate and Hiddenwires Magazines, Katja Schuster, Founder of Women in KNX, Blaise Mempo, Director of KNX-EDGE Training, José Miguel Romero Castelló, CEO of Futurasimus KNX Test Lab & Hans-Joachim Langels, Product & Marketing Manager of Siemens.

Global Innovation Celebrated at the 2024 KNX Awards

The 2024 KNX Award-winning projects span across multiple countries, including Argentina, Austria, Belgium, Egypt, Italy, Iraq, Malaysia, Spain, Switzerland and the UK. These projects feature extensive and innovative installations, such as the Aldi Logistics Platform Control Project or the MOD UK - Single Living Accommodation (SLA) programme. Additionally, intelligent residential buildings and educational projects, including the Porto KNX Learning platform, have been recognized for their excellence, showcasing the best in smart home solutions worldwide. The 15th edition of the KNX Awards was held on 25 September, once again celebrating the leading innovations in smart building technology. Each winner received a trophy, certificate, and a cash prize of 1,000 EUR.

For those who missed the event, the 2024 KNX Awards ceremony can be viewed on-demand on the KNX Association's on www.youtube.com/user/KNXassociation

Smart Home Award - Africa, America, Australia: Palm Hills Smart Villa by Twin Line Technologies (Egypt)

During the development of this residential project in El Sheikh Zayed City, Egypt, the integration of advanced smart home technology took center stage, transforming the villa into a model of modern convenience and efficiency. Leveraging KNX products from various manufacturers, the project achieved full control over every aspect of the home, ensuring seamless automation and user-friendly operation. The focus was on creating an intelligent living space that offers both luxury and practicality, meeting the client's highest standards for a future-proof and fully automated home.



Key features are:

- Comprehensive integration of KNX technology throughout the villa
- Seamless voice control over all integrated systems and remote access and operation through personalized interfaces
- Energy management and smart metering for enhanced efficiency
- Control of specialized systems such as irrigation, pool, and jacuzzi

Smart Building Award - Africa, America, Australia: TBM Office Building by THI s.a.i.c. (Argentina)

The TBM Office Building, located in the heart of Buenos Aires's financial district, serves as the headquarters for a major bank. Designed by the esteemed architect César Pelli, this iconic 130-meter-high tower spans 52,000 square meters across 34 stories. With 1,987 KNX components and over 7,200 lights, both interior and exterior, the building represents a modern architectural feat. KNX was chosen to manage lighting, shading, and environmental controls, all seamlessly integrated into a SCADA system for comprehensive remote monitoring and energy efficiency.



Key features are:

- Full KNX integration in a 34-story corporate headquarters
- Advanced lighting groups with presence sensors and smart perimeter and interior shading for enhanced energy efficiency and occupant comfort
- Integration of over 30,000 control points within a SCADA system for remote monitoring and diagnostics across all building functions
- Integrated climate control and environmental monitoring through KNX/BacNet Space Lynk interface

Smart Home Award - Asia: AlDora Villa Luxury by El-Nukhba Engineering Company (Iraq)

In this smart home project in Baghdad, Elnukhba Engineering Company set out to create a highly innovative and technologically advanced living environment. The primary objective was to design a smart home that could seamlessly integrate a variety of systems from different manufacturers, ensuring maximum flexibility and scalability for future upgrades. By focusing on advanced security, ease of use, and adaptability, this project delivers a sophisticated yet intuitive living. The result is a home that not only meets the current needs of its residents but is also prepared to evolve with future technological advancements.



Key features are:

- A fully integrated KNX Luxury Villa that can easily be expanded or modified
- KNX Secure implementation ensures all communication within the smart home network is encrypted and protected
- IoT applications are seamlessly integrated into the KNX ecosystem, enhancing the home's automation capabilities
- Environmental sustainability is emphasized through energy-efficient automation and building control solutions

Smart Building Award - Asia: Imperial Lexis Hotel, Kuala Lumpur by Seikou Systec Sdn Bhd (Malaysia)

The Imperial Lexis Hotel in Kuala Lumpur is a luxurious five-star hotel located in the vibrant heart of the city, near the iconic Petronas Twin Towers. It offers an exquisite blend of modern elegance and traditional Malaysian hospitality, featuring spacious, well-appointed rooms and suites, many of which include private pools. The hotel boasts a range of world-class amenities such as fine dining restaurants, a rooftop bar with stunning city views, a state-of-the-art fitness center, and a serene spa. Business travelers benefit from advanced conference facilities and meeting rooms.



Key features are:

- Automated management of lighting, HVAC, and access, based on real-time occupancy data
- Reduced energy consumption through intelligent resource utilization
- Automated room settings, including private pool management
- Personalized control of lighting, HVAC, and entertainment, all accessible via voice commands or mobile apps.

Smart Home Award - Europe: Flanders House by Domotechnology (Belgium)

This residential project designed by Saota, an award-winning architecture firm from Cape Town, proved that KNX is ideal to answer the clients' high standards on elegance and comfort. KNX is used to control everything, from the lighting to the integration of the geothermal heat pump - every element is designed to ensure optimal energy efficiency for heating and cooling the villa, the indoor swimming pool, and the koi pond. The KNX installation was especially set up to be very user-friendly and almost invisible to the residents.



Key features are:

- Over 60km of electrical wiring, emphasizing the scale and complexity of the project's implementation
- Climate control via a ventilation system with adiabatic humidification and geothermic heat pump for energy-efficient heating/cooling
- KNX-controlled EV chargers in underground parking, with RGBW-LED strips indicating charging status
- Temperature-controlled koi pond and a moveable floor indoor swimming pool with RGBW lighting, controlled via KNX

Smart Building Award – Europe: Biohort GmbH by EBG GmbH (Austria)

Biohort GmbH, an Austrian family business, develops and manufactures high-quality outdoor products made of metal, such as garden sheds and plant beds. With the newly built Plant 3, the production area has been expanded by 44,000 m². Every aspect of the three sites is monitored and controlled using KNX. The customer has a central interface for each of the three plants, making operation hassle-free. The project continues to grow, and KNX is the ideal technology to grow alongside it.



Key features are:

- Comprehensive monitoring and control of all three production sites using KNX
- Automatic lighting control with 129 Dali lines, covering 80,000 m² of production area
- Integrated emergency protocols, including automated system shutdown during fire alarms and power failures
- Simplified building management through a unified KNX-based visual interface for the entire operation

Sustainability Award - Technology, innovation and sustainability: the core of btrade26 by MT Distribuzione (Italy)

The primary goal of this project was to construct the new MT Distribuzione headquarters with a strong emphasis on minimizing environmental impact and ensuring the building's sustainability in line with current regulations. As distributors of home automation equipment, one of the objectives of the project was to show the advantages of KNX to their customers. By taking advantage of the integration between different systems and use of different scenario's, human intervention is minimized.



Key features are:

- Air recycling systems that manage CO2 and volatile organic compounds (TVOC) to promote a healthier indoor environment.
- Use of Itaca and other assessment tools to certify the building's performance in sustainability, health, and environmental impact.
- Automated management of lighting, shading, and thermoregulation to optimize comfort and energy efficiency.
- Integration of KNX with Modbus, DALI, DMX, and security systems for comprehensive building automation.

Innovation Award: MOD UK - Single Living Accommodation (SLA) programme by REDS10 (United Kingdom)

The Army Single Living Accommodation and Defence Estate Optimisation (DEO) Army Programmes are set to deliver around 16,500 SLA bedspaces over the next 10 years, with REDS10 appointed to deliver over 1,200 of these within the next 2 years. The recently completed pilot building, based on KNX technology, is among the most advanced in Europe for SMART building control. Constructed using Modern Methods of Construction (MMC), the 3-storey building arrives on-site up to 90% complete. It complies with BACS Class A and achieves over 95% on the Smart Readiness Indicator (SRI), making it a benchmark for future developments.



Key features are:

- KNX technology implemented throughout the building for comprehensive control and monitoring.
- Use of cognitive building techniques to influence user behavior and reduce hot water consumption through real-time data displays and gamification.
- Integration of multiple systems, including HVAC, lighting, leak detection, and energy management, controlled via advanced graphical user interface.
- High level of interoperability and future-proofing, with data harmonized and exported to a cloud-based analytics platform for actionable insights.

Publicity Award: iCASA smarthome - Complete Open-Source by Bruhin Engineering GmbH (Switzerland)

In this project, Bruhin Engineering integrated a showroom for KNX devices that are linked to the open-source software "Home Assistant". This project is completely independent of the system integrator, brands and/or electrician and therefore they present a variety of buttons, sensors and actuators from different manufacturers. The "iCASA Assistant" web application plays a crucial role in streamlining the setup, generating KNX group addresses, automations, and dashboards with minimal effort. The showroom serves as a hub for KNX programmers and enthusiasts, highlighting the independence from specific brands or integrators.



Key features are:

- A Smart Home Experience Center showcasing the integration of KNX with open-source "Home Assistant"
- The "iCASA Assistant" web application automates setup and management with ease
- A hub for KNX programmers, offering insights and hands-on experience with diverse equipment
- Reliable operation even in the event of server failure, ensuring essential functions continue uninterrupted

Special Award: Aldi Logistics Platform Control Project by IKNX Engineering (Spain)

IKNX Engineering was asked to carry out the installation, programming, and commissioning of a KNX supervision and control system across three newly built logistics platforms and the expansion of another for the supermarket chain ALDI. Located in Dos Hermanas, Sagunto, and Miranda de Ebro, these centers are centrally managed from ALDI's headquarters in Barcelona. Each center operates independently, ensuring uninterrupted functionality. The project employs a KNX-based control system to optimize energy use, achieve BREEAM certification, and set a new standard for industrial automation.



Key features are:

- Independent operation of each logistics center to ensure continuous functionality in case of failure at one site
- Centralized control from ALDI's headquarters in Barcelona, unifying three independent projects
- Continuous data analysis to advise on optimal operational decisions
- Full automation of industrial plants, enhancing safety, comfort, and efficiency

Education & People's Choice Award: Porto KNX by Porto Smart (Egypt)

Porto KNX is the first FREE KNX E-Learning Platform in the Middle East. This educational project aims to provide comprehensive resources for students, technicians, and professionals, offering content in both Arabic and English. Recognizing the challenges faced by Arabic speakers in accessing quality KNX education, Porto KNX has developed specialized resources tailored specifically for them. Additionally, English-language content has been produced to serve a broader audience. The program is entirely free and includes a variety of learning tools, making it accessible to beginners and advanced learners alike.



Key features are:

- Hundreds of videos available in both Arabic and English, covering wiring, installation, and programming of KNX devices.
- A full KNX e-learning website, providing structured courses and resources.
- Interactive live sessions, quizzes with exciting prizes, and support for graduation projects.
- A dedicated KNX jobs application to help learners transition from education to employment in the KNX field.

Show your expertise with KNX and be the next winner

- **Showcase Your Projects:** Upload your home or building automation projects to our platform and create a compelling portfolio. Attract the KNX community and potential customers with a clear, engaging showcase of your expertise.
- **Raise your KNX Partner ranking:** add your KNX projects to the project platform and raise your ranking in the KNX Partner list, increasing business by being shown as a top notch KNX Partner to web visitors.

- **Apply for the KNX Awards 2026:** take the opportunity to enter the KNX Awards 2026 and win the trophy, prize money and the priceless exposure for your company.

You can already apply with KNX projects realized in 2024 and beyond by adding them via <https://projects.knx.org>

Elevate Your SpaceLogic KNX Experience:

Secure Remote Configuration and Controller Project Backup



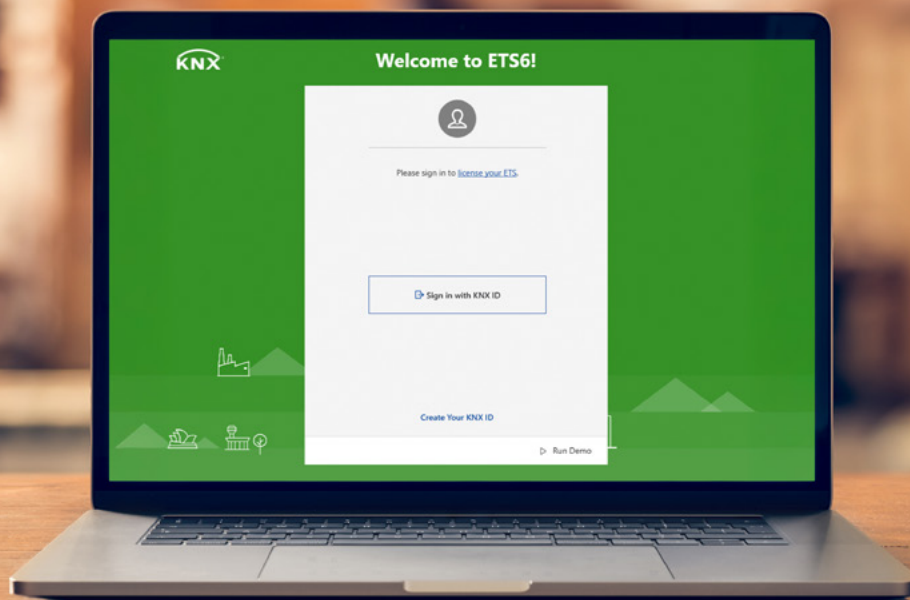
Unlock the full potential of your KNX installations with our innovative **SpaceLogic KNX Remote** solution*. Designed for ETS and eConfigure (version >3.0), this subscription-based feature enables you to securely access and configure your controller and KNX projects from anywhere using your Wisers for KNX or spaceLYnk devices. Plus, you can enjoy the added benefit of optional controller backup.

Say goodbye to the constraints and costs of on-site visits. With SpaceLogic KNX Remote, you can manage more customers and expand your service reach—all from the comfort of your office. Deliver exceptional maintenance and support, all while enhancing efficiency and reducing operational.



*available from July 2025

se.com



ETS6.3: an in-depth look at the new features and improvements

The release of ETS6.3.0 introduces several enhancements and modifications, particularly in the areas of signing in, licensing, and project creation. Alongside numerous improvements, this latest version offers a more streamlined experience for users. Below is a breakdown of the key changes that come with ETS6.3.0.

Signing in secured and simplified

One of the noticeable changes in ETS6.3.0 appears right from the start. The new version implements a revised sign-in process that utilizes a centralized authentication system called KNX ID. While ETS6 can still be used in demo mode without signing in, it is highly recommended to log in, even when using a USB dongle for licensing. This is because ETS6.3.0 will remember user credentials for up to 30 days between launches, eliminating the need for frequent sign-ins. When launching ETS6.3.0, users are presented with a new dialog interface. Clicking the Sign in button opens a browser window where the KNX ID authentication takes place. Once signed in, users can select their license and specify where it is stored—either as a cloud license (default) or, if available, on a USB dongle.

Licensing Enhancements

On the ETS6 dashboard, several improvements have been made, particularly in the Licenses tab within the ETS settings. Here, users can view their ETS6 Profes-

sional cloud license and manage their licensing preferences.

A key update in ETS6.3.0 is the ability to license multiple ETS apps simultaneously. Users can now select multiple apps while holding the CTRL key, streamlining the licensing process. Additionally, installing licensed ETS apps has become more convenient. Previously, users had to visit MyKNX to manually download required apps. Now, ETS6.3.0 provides a dedicated ETS Apps tab where users can view all licensed apps and download those that are not yet installed directly from the software.

Seamless handling of new and existing projects

The process of creating a new project has been refined in ETS6.3.0. The updated project creation dialog introduces a default topology that includes an IP Backbone 0.0, an IP Area 1.0, and a TP Line 1.1. Additionally, new projects will automatically use a three-level Group

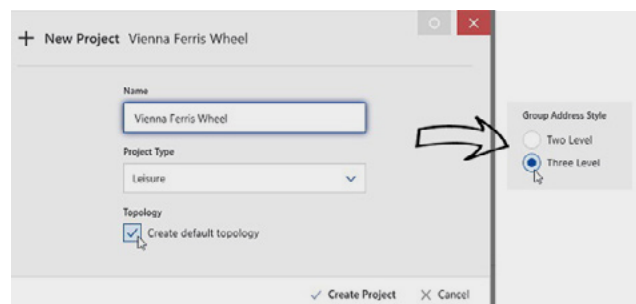
Topology		Associations			
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<ul style="list-style-type: none"> Download required 1.1.1 an IP Interface 1.1.255 Visualization 1.1.254 BMS 1.1.253 Tunnel 3 1.1.252 Tunnel 4 			0/0/1 button A object 1	switch	No
			0/0/2 LED A object 1	switch	No
			0/0/5 button C object 1	switch	No
			0/0/7 Status	switch	No
			0/1/10 Rain alert	alarm	No

Address Style. Users can switch to a two-level Group Address Style through the Project Details section after project creation. However, switching to a free-level Group Address Style is no longer an option for newly created projects. Only projects that were originally set to free-level Group Addresses in previous versions of ETS6 will retain this setting when opened in ETS6.3.0. For existing projects, the addition of a project password manager now makes it easier to open them. Previously, users had to enter the project password every time they accessed a project. Now, with this new feature, the password only needs to be entered once, and ETS6.3.0 will remember it, eliminating the need for repeated entry when opening, archiving, or exporting projects.

To enable the project password manager, users must be online and logged in, have a licensed ETS app for 'Project Password Manager,' use ETS6.3.0 or a later version on all PCs, and have 2-Factor Authentication (2FA) enabled on their KNX ID.

More freedom in Filter Table Editing

To understand the alternatives available, it is important to recognize the function of manual filter table entries. ETS automatically manages all filter tables for couplers in a project, determining which Group Addresses must reach specific devices based on their linking. Manual adjustments were often necessary when a Group needed to reach elements such as a



visualization system, which is not typically recognized within the Project.

One long-standing alternative involves using dummy devices. These virtual, non-installed devices are added to the project to facilitate Group linking. By linking Groups to a dummy device, ETS ensures that filter tables are configured accordingly, enabling proper routing of the Groups. However, a more efficient solution is the use of tunnels on IP interfaces and routers. This method allows for bulk association of Groups without requiring attention to object sizes. Users simply specify all necessary Groups on the Associations tab of a tunneling interfaces, allowing ETS6.3.0 to manage the configuration automatically.

ETS6.3 will surely make your day-to-day KNX programming a lot easier. If you already have an ETS6 license, updating to ETS6.3 is free of charge. If you have an older ETS version or no license yet, you can benefit from all these new features by ordering your ETS6 license at <https://my.knx.org>



MAY 2025

Join us to deep
dive into ETS6

EVENT BY





red dot winner 2024



OL-U

a new KNX range featuring **keypads**, **thermostats**, and **multisensors**, designed to redefine interaction with living spaces. OL-U is the outcome of both mechanical and electronic design, a state-of-the-art product range naturally designed for KNX, the secure and connected international standard.

OL-U offers extensive customization options, with laser-engraved icons and text, all configurable via **mycustom.eelectron customization portal**. The series includes the iconic RGB bar, now enhanced with **capacitive swiper technology**, enabling intuitive gestures. This innovation unlocks a wide range of customizable actions and scenarios, ensuring a truly personalized control experience.

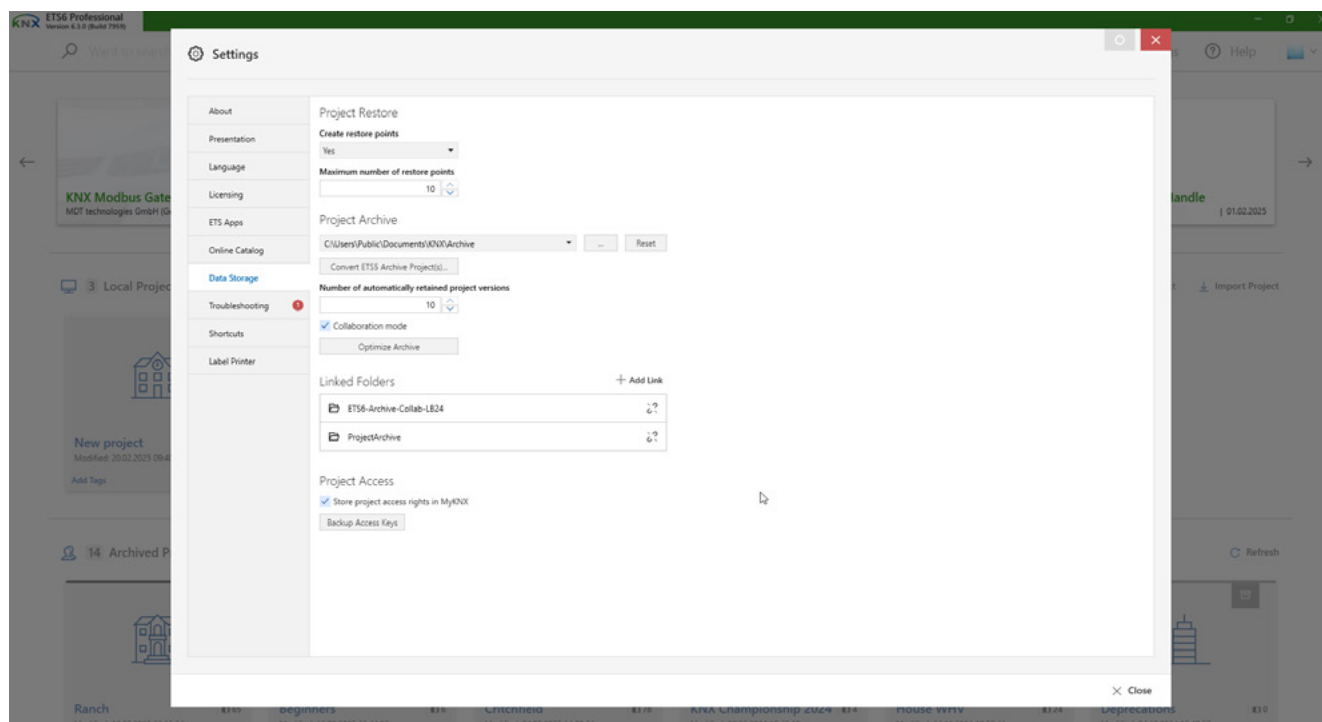
With its sleek design, advanced features, and full customization capabilities, OL-U sets a new benchmark in modern, secure, and intelligent home & building automation.

OL-U, Better Living for All.



New ETS App: Password Manager

The ETS Password Manager is a powerful new ETS App introduced in ETS 6.3 that eliminates the need to repeatedly enter project passwords. Designed to enhance efficiency and security, this tool allows users to store project access credentials securely within MyKNX.



Key Benefits:

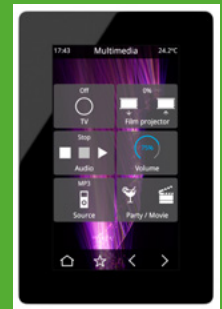
- **No More Re-entering Passwords** – Users only need to enter their project password once, and ETS will remember it for future access.
- **Secure Storage**: Passwords are hashed for security, ensuring they cannot be retrieved or reversed.
- **Seamless Exporting**: No password entry is required when exporting projects or archiving files.
- **Time-Saving**: Switching between projects becomes faster, especially for those with long and complex passwords.

These features significantly improves workflow efficiency while maintaining strong security protocols. Get the ETS App at <https://my.knx.org>

NEW KNX PRODUCTS

KNX Product Award Winner: Iddero VERSO 2 / VERSO+IP 2

Iddero VERSO 2 and VERSO+IP 2 are wall-mounted KNX touch panels with a 4.3" capacitive multitouch display. They feature an elegant design, an attractive visualization supporting up to 96 controls, and advanced functionality, including time schedules, alarm monitoring, scenes, two independent thermostats, a built-in temperature sensor, and 4 multifunction inputs. The IP model adds remote control through the Iddero Mobile app and is compatible with the Iddero Voice Control service for Amazon Alexa. VERSO 2 has won the Best Product of the Year 2024 PLUS X Award, while VERSO+IP 2 was voted the best KNX Product in the KNX Awards 2024. Both models are available in white or black GLASS finishes.



Contact: www.iddero.com/en/products/verso-ip-2

HF Presence Detectors

ABB - Introducing our new KNX High-Frequency Presence and Movement Detectors, designed for precise and reliable detection of even the slightest movements, such as breathing. Utilizing advanced HF technology, these detectors can penetrate materials like wood and glass, ensuring no direct contact is needed for accurate sensing. They support KNX Data Secure for enhanced communication security. Ideal for lighting and HVAC applications, our detectors feature a sleek design for seamless integration in any environment. Built to withstand harsh conditions, they also monitor brightness, temperature, and humidity, creating smarter, more responsive spaces that enhance comfort and efficiency.



Contact: www.abb.com/knx

KNX cable B2ca-s1,d1,a1

ACCORDIA SA - At ACCORDIA, we are happy to present the newest addition to our KNX-certified cable range: a low-fire-hazard, two-pair TP1 cable with CPR classification B2ca-s1,d1,a1. This cable is fully compliant with KNX specifications and EN 50090 and is tested and certified by the KNX Association in respect of its electrical, mechanical, and environmental properties. Furthermore, it is CPR certified, achieving the highest Euroclass B2ca-s1,d1,a1. Therefore, it is ideal for high-fire-risk installations, escape routes, and wherever the best possible resistance to fire is required.



Contact: www.accordia.gr/en

KNX-K4IoT multitouch glass Keypad

Atouch Winwel - The KNX-K4IoT multitouch glass keypad with an integrated temperature sensor is designed and developed according to the KNX standard. This wall device controls lights, shutters, blinds, and other KNX functions, offering up to 13 user interactions. Configured with ETS5/ETS6, it features four independent touch buttons, vertical and horizontal sliders, a multitouch button, and LEDs for button indication or object status. It includes a temperature sensor, a buzzer for user action alerts, a night mode for disabling functions, and periodic "heartbeat" notifications.



Contact: <https://atouch.winwel.com/en/knx-k4-iot-en>

Dual-tech Presence Detector

Aurex Industries Inc. - The UT-974-KNX Dual-Tech KNX Presence Detector combines Passive Infrared (PIR) and Ultrasonic (US) technologies, offering reliable PIR detection and highly sensitive ultrasonic detection capable of sensing subtle movements even in high ambient temperatures. With a 360-degree detection angle, it covers an 8m diameter for PIR and 7m x 13m for US sensors. It also features four flexible detection working modes (PIR only, US only, PIR+US, or PIR or US) and user-friendly ETS application files, providing a versatile solution to meet diverse application needs effectively.

Contact: www.aurex.com.tw



New AVE 18" KNX Touch Screen

AVE S.p.A. - The TS-SMART18 is the new flagship product in AVE's KNX range. This innovative 18" colour touchscreen acts as both an indoor video intercom and a local KNX supervisor, with a clear and intuitive interface. You can view web server pages by entering the server's IP or connect to the KNX bus via standard terminals and configure group objects using ETS software. An SD card allows easy upload of maps and images; no additional app is required. Designed for performance and style, it features a flush-mount installation, an ultra-thin profile, and a stylish front frame with an integrated LED bar. It is available in two colour options: natural or anthracite aluminium.

Contact: www.ave.it/en/solutions/knx-automation



Comfort now without BUS cable

B.E.G. Brück Electronic GmbH - The first high-quality sensor, the first KNX sensor with radio transmission and a relay included. With the B.E.G. PD2NRF-KNXs-DX-FC, lighting, heating, ventilation, air conditioning, and extensive comfort settings can be precisely controlled. Without any physical BUS cable but via the KNX-RF standard, and additionally extra secure via KNX Secure, the presence detector also conquers existing properties. The usual "3 wires" are sufficient for the power supply and lighting control. The fast and secure KNX transmission of the recorded signals takes place via the 868.3 MHz center frequency. If an additional relay channel is required, the new integrated relay channel can be used.

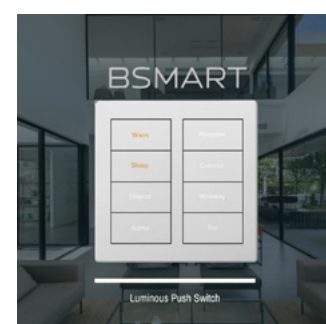
Contact: <https://beg-luxomat.com/rd/676181350c0d6>



BSMART Luminous Push Switch

B.S. Smart Electricity Ltd - The Luminous Push Switch redefines smart control with its sophisticated design and cutting-edge features. This KNX panel seamlessly integrates functions like switching, dimming, blinds, scenes, and value control. Equipped with patented backlight technology, it delivers stunning dynamic color displays, while its soft orange-red illumination ensures a glare-free experience in low-light settings. Personalize your space with customizable text and patterns, elegant finishes, and versatile configurations of 4/8 gangs. With options for single or conjoined structures, it blends functionality with timeless aesthetics. Power: 24V DC, Dimensions: 86x86mm, compatible with box 55. Available in spray and brushed finishes in White, Black, Grey, and Champagne.

Contact: www.bsmart-knx.com



GIRA

Smart Home.
Smart Building.
Smart Life.

partner.gira.com

Convenient control of DALI lights.

More freedom to create lighting concepts. This is what our new DALI Gateway Colour for KNX offers - regardless of whether you want to use DALI 2-based white or coloured lighting, simply switch or prefer to dim. With Human Centric Lighting, you can also set dynamic, time-dependent colour sequences that simulate the course of the day and thus support the human biorhythm. The DALI Gateway Colour is available as a 1-gang or 2-gang variant and can control up to 128 DALI operating devices.



Gira / Smart Home /

DALI Gateway Colour

B3 Cable C6179

B3 International - B3 International's KNX cable C6179 is an armored version of the popular 1pr KNX cable. It is made up of one twisted pair of solid bare copper conductors, insulated with Polyethylene (PE) and color-coded red and black. This is followed by a PET tape and an overall aluminum foil screen with a tinned copper drain wire in longitudinal contact with the foil, an inner jacket made of green LSZH/HFFR material, a steel wire armoring layer, and finally a collective jacket in black UV-resistant polyethylene, which makes this cable an excellent outdoor weatherproof choice. The product shows excellent headroom in capacitance, resistance, and attenuation figures. The cable is tested and compliant for use in KNX systems.

Contact: www.b3cable.com



DC-Pi Prime

Berghof Automation GmbH - This innovative combination of a CODESYS controller based on Raspberry Pi with a capacitive display and AI acceleration card is the perfect solution for the automation requirements of the future. The integrable AI offers new possibilities and methods, which can also be used conveniently in the automation technology of machines and systems. Through this measure, processes are facilitated, and training, familiarization, and setup times are minimized. Predictive maintenance and condition monitoring can reduce downtimes, and typical problems can be detected at an early stage.

Contact: www.berghof-automation.com



BX - KRONOS4 - Touch Panel / Room Controller

Blumotix - BX-KRONOS4 is designed to integrate all the functions necessary for the supervision of homes and buildings in general. The touch panel allows you to control any KNX system in a simple and intuitive way. Made with an elegant design, the 4" KNX smart touch panel has an aluminum frame and a body only 9mm thick, with flush-mounted installation on a 2-module square. The 4" KNX smart touch panel by Blumotix is equipped with temperature, humidity, and laser proximity detection sensors. The touch controller has 10 programmable pages in addition to the thermostat and fan coil functions, supporting scenarios, dimmer, on-off switching, curtains, shutters, thermostat, and customizable climate settings.

Contact: <https://blumotix.it/en/touch-panels>



HELIH® KNX RF Lockable Radio Window Handle

BSS GmbH - The HELIH® KNX RF radio window handle enables the window handle to be locked and offers many other functions for automating security, comfort, energy efficiency, and damage prevention. Among other features, HELIH® provides comprehensive monitoring of window and handle conditions. Furthermore, the device includes an integrated electromechanical locking system with feedback information. Thanks to its multiple sensors, burglary attempts can be detected at a very early stage. If desired, glass monitoring can also be performed by connecting a glass breakage detector to the HELIH®. For additional smart home capabilities, the device delivers temperature readings and features a touch sensor to enable switching functionalities. An all-in-one solution. Done.

Contact: www.bss-sdi.com/en/product/detail/helihr-sicherheits-funkfenstergriff-cm-1



Emergy'nX: Smart Energy Optimization

Can'nX - Can'nX presents Emergy'nX, a KNX TP-compliant energy manager for load shedding and automated energy optimization. It analyzes energy pricing, solar production, and battery levels to ensure efficiency by operating equipment based on inputs received and priorities set by the KNX integrator within the connected ecosystem. With an intuitive web dashboard, it provides real-time insights for monitoring and control. It supports routing and tunneling connections. Built in Europe, Emergy'nX empowers sustainable energy management in homes and buildings.

Contact: <https://can-nx.com/cannx-emergynx>



Dante Streaming for KNX

CasaTunes - The CasaTunes Plus Music Servers provide 2-6 streams of pre-amplified, line level, high definition audio (5 analog streams plus 1 digital stream). Each stream works as an independent, standalone music player. You can listen to disc music, networked music, Internet radio and music, as well as stream music via Apple AirPlay. CasaTunes Plus Music Servers can be used standalone, as a streamer or in combination with a CasaTunes or 3rd party audio distribution system. CasaTunes provides out-of-the-box support for KNX control systems, providing whole house control of your music through KNX panels and devices. Experience the future of audio with the latest CasaTunes Plus music servers for KNX.

Contact: www.casatunes.com



CAVEL® EIB/KNX TP cables

CAVEL-Italiana Conduttori SRL - Italiana Conduttori Srl, a long-standing company specializing in telecommunication cables since 1968, proudly introduces its latest innovation: the "Twisted Pair" EIB/KNX bus cables CKNX 280C (4 wires) and CKNX 180C (2 wires). Both cables feature LSZH (zero halogen sheath), and their CPR class is Cca. These cables are proudly made in Italy at our state-of-the-art facility near Pavia, expanding our portfolio, which includes coaxial and LAN cables under the trusted brand "CAVEL®." This brand has become synonymous with exceptional quality, offering products that are designed and manufactured entirely in Italy. Discover the excellence of Italiana Conduttori's cables, where quality craftsmanship meets cutting-edge technology.

Contact: www.cavel.it/en



CUBIK - Card holder

COMELIT - The newest BES-Ingenium hospitality product features an RFID reader that identifies inserted cards and activates only when a valid card is used. Card registration, for both guests and hotel staff, is handled through our Hotel Management tool, providing a simple and secure setup. It includes three buttons: Make Up Room, Do Not Disturb, and an extra customizable button that can be used for various scenarios. Additionally, it syncs with the room door panel to display the room's status to housekeeping staff from the corridor. Like other CUBIK devices, its glass front is fully customizable—backgrounds, icons, labels, logos, etc.—through the online tool.

Contact: <https://pro.comelitgroup.com/products/home-automation/ingenium/bes>



ComfortClick 4.11 - Somfy

ComfortClick - The latest ComfortClick bOS 4.11 update introduces seamless integration with Somfy, expanding support to over 43 systems. This enhancement allows KNX installations to incorporate Somfy's advanced shading solutions, providing precise control over natural light, improving energy efficiency, and enhancing client comfort in smart homes. In addition to the Somfy integration, bOS 4.11 brings a series of notable improvements, including performance optimizations, security enhancements, a new .NET framework, and a refreshed configurator GUI. Upgrade today!

Contact: www.comfortclick.com



Core Eclipse Switch

Core Smart Home - The Eclipse Push Button Switch is not just a switch but a powerful tool for smart home solutions. With its built-in thermostat, temperature, and humidity sensors, it can control HVAC systems. Additionally, the CO2 sensor measures air quality, triggering functions based on the room's air quality. The RGB backlighting adapts to ambient light and proximity, providing a stylish and functional experience. Its modern design and customizable icons make it a perfect fit for any living space.

Contact: <https://core.com.tr/eclipse-switch>



Creatrol 60GHz AI Human-Centered Sensor

Creatrol Intelligence Co.,Ltd - 60GHz mmWave Radar, developed from automotive industrial radar, functions including presence detection, motion detection, tracking, posture recognition, fall detection, direction judgment, custom counting, and 0-32000Lux illumination detection. It achieves automatic lighting control, bed leave/get-back detection, workstation occupancy detection, fall monitoring, and anomaly alerts, allowing the smart system to proactively serve and making the experience smarter while automatically saving energy.

Contact: www.creatrolsensor.com



HomeCockpit Touchpanel 23.8"

Dialogic Systems - The HomeCockpit touchpanel series will be expanded with new models in 2025: The 23.8 and 13.3-inch screen sizes are perfectly suited as replacements for the discontinued GIRA Control 9 and 19 series. Thanks to the Windows 11 operating system, products from different manufacturers can be combined and managed centrally from the touchpanel. The powerful touchpanels master all use cases, from simple web applications to performance-intensive camera visualizations, without any problems. The combination of durable hardware, high-quality materials, and elegant design makes HomeCockpit touch panels the ideal control center for every smart home.

Contact: www.home-cockpit.de



RE KNT DA2 - KNX / DALI Gateway with 1 addressable channel

Dinuy S.A - DINUY introduces its new KNX/DALI Gateway with 1 addressable channel. With Wi-Fi and LAN connectivity, and a simple Web Interface, DALI commissioning is easier. It can be accessed via LAN, WLAN, or Wi-Fi AP using a PC or tablet. Commissioning requires two tools: Web Interface for DALI addressing and ETS® for parameterization and scene setting. Up to 64 DALI ECGs can be managed in 16 groups. Manual broadcast switching/dimming via device buttons. Quick replacement for one defective ECG. Compatible with DT0, DT4, DT6, DT7, and DT8 (TW and RGBW). Standby switch-off saves energy.

Contact: <https://dinuy.com/en/product/779/knxdali-gateway>



Q30 LCD

Dobnel - The Q30 LCD switch is minimalism in a modern form. It combines classic mechanical buttons with an ultra-resolution LCD touchscreen. A characteristic feature of the Q30 LCD is its versatility, as well as a wide range of supported functions. The four buttons allow you to control heating, air conditioning, and 16 other functions, such as lighting, blinds, or music. You can switch between the functions with just a gesture. Discover the highly intuitive Q30 LCD interface and attune the device to your day and night rhythm.

Contact: www.dobnel.com



Thermostat with FCA Controller and PIR Sensor

EAE Teknoloji Arastirma Gelistirme San. Tic. A.S. - Introducing one of the latest innovative updated versions of the Mona Thermostat: the device directly controls fan coils and has a PIR sensor! Say goodbye to extra costs and complicated, time-consuming installations—our thermostat directly controls fan coils without needing separate actuators. Simplify your setup with the built-in PIR sensor, eliminating the hassle of additional sensors, drilling, and wiring. Experience cost-effective efficiency by merging control and sensing capabilities in one sleek device, all while optimizing energy use and ensuring ultimate comfort. Revolutionize your installations today with the all-in-one solution that makes managing your environment easier than ever.

Contact: www.eaetechnology.com



Eelectron OL-U Multisensor

Eelectron SpA - Eelectron's new OL-U KNX range redefines automation with advanced devices and a multi-sensor dedicated to air quality control. It accurately monitors temperature, humidity, and CO₂ levels, which can be viewed on a backlit LCD display, ensuring a healthier and more comfortable environment. Compatible with the KNX Data Secure protocol, it ensures secure communication and optimizes energy consumption, offering innovation and customization for any space. The device integrates two 2-stage thermostats, 32 logic blocks, and the "Virtual Holder Logic"; it can be installed on a 2- or 3-module box and is compatible with the main installation standards (Italian, German, British, Swiss).

Contact: www.eelectron.com/en/ranges/ol-u



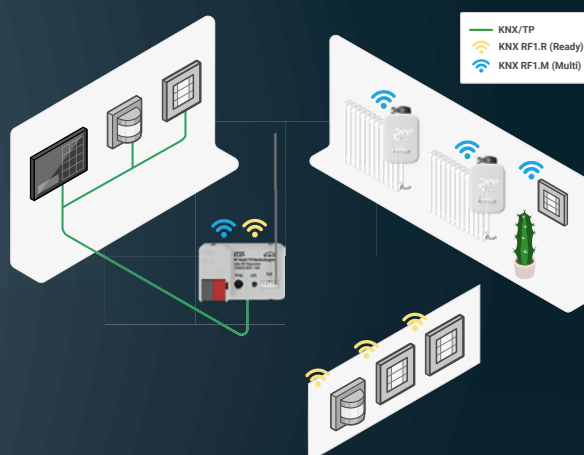
KNX RF Multi:

the next generation radio.



The KNX RF Multi radiator thermostat – a genuine world innovation! It acts together with our new **media coupler** which **also supports the next KNX RF generation**, forming an unbeatable dream team.

ise.de/en/knx-rf-multi



ise
Individuelle Software
und Elektronik GmbH

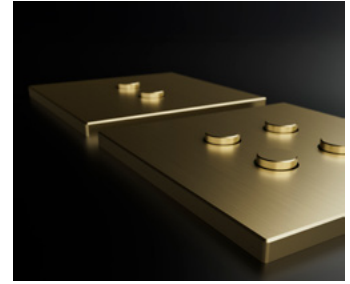


The right decision.

Proxima

Ekinex Spa - From the pursuit of simplicity comes Proxima, the new range of KNX devices, consisting of push buttons, sockets, and keystone modules with an essential design. The series stands out for its versatility, adapting perfectly to a wide range of application contexts, thanks to a selection of 14 metal finishes that give the product a refined and modern aesthetic. The control panel is available in 1-, 2-, or 4-button versions and integrates a temperature sensor for advanced thermoregulation functions. An innovative, simplified installation system and a complete range of accessories make Proxima the ideal solution for every installation requirement, seamlessly combining aesthetics and functionality.

Contact: www.ekinex.com/en



KNX DALI Gateways

Elsner Elektronik GmbH - KNX DALI L1 & L2 ind/gr/bc sec connect lighting technology and the KNX building bus system. They support KNX Secure and contribute to energy-efficient lighting control in private and commercial buildings. The interfaces help to implement individual lighting scenarios via scenes and functions such as Human Centric Lighting (HCL) and Colour Transition. Depending on the model, 1× or 2× 64 DALI devices are controlled (individual, group, broadcast). The DALI settings are made in the KNX project via a DCA (Device Configuration App). The central setup in the ETS environment simplifies the realization of DALI lighting concepts in KNX.

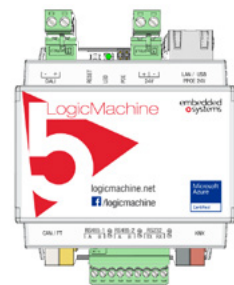
Contact: www.elsner-elektronik.de/en/knx-dali-schnittstellen



LogicMachine5 KCDZ

Embedded Systems SIA - Experience unparalleled versatility with LogicMachine5 KCDZ, the all-in-one solution for modern building automation. Seamlessly extend your KNX installation with wireless ZigBee devices, while benefiting from out-of-the-box support for KNX, ModBus, Bacnet, DALI, CANx, MQTT, ZeroTier, and more. With built-in support for Google Home and Apple HomeKit, plus the option for custom app development, future-proofing your installation has never been easier. Benefit from KNX Data Secure and secure KNX/IP routing for enhanced safety, plus reliable remote service functionality. Unlock endless possibilities with built-in visualization, user-defined logic, scheduling, and data trend analysis - all within a single, powerful device.

Contact: <https://logicmachine.net>



Enertex® MeTa² KNX

Enertex Bayern GmbH - The Enertex® MeTa² KNX Premium Room Controller combines precise sensor technology with intuitive operation and modern design. The four mechanical rocker switches with electronic labeling enable up to 80 functions and display controls, feedback, alarms (including acoustic signals), and information. The full-aluminum keys offer premium tactile feedback, paired with a durable color TFT display featuring a seamless design. It is available in aluminum natural, black anodized, white powder-coated, and brass-gold finishes. The room controller delivers precise temperature control, fan management, two binary inputs, humidity and light sensors, as well as a radar-based motion detector.

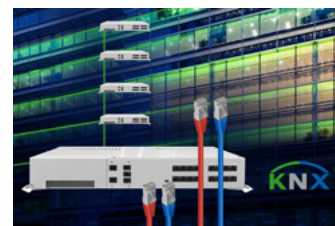
Contact: <https://enertex.de/e-meta2.html>



Plug & Play lighting system

ESYLUX - The room-by-room modernization of lighting via plug-and-play using intelligent lighting systems with ESYLUX Light Control is now also possible in KNX systems. New versions of the control unit with an integrated KNX module allow direct integration without a separate gateway and then centralized override and readout – for example, to determine the presence status. Depending on the version, the lighting systems consisting of presence detectors, control units, and ceiling lights realize energy-efficient Human Centric Lighting or presence and daylight-dependent constant light control.

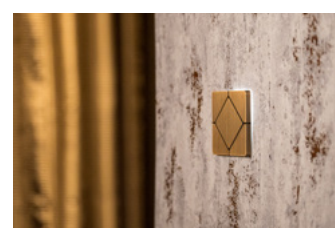
Contact: www.esylux.com



TAP-5 ORE KNX

Faradite - Machined from solid brass and hand-finished in the UK, the TAP5 ORE switch is the pinnacle of KNX switch technology. Behind its stunning 8 mm thick brass front plate, the KNX coupler provides integrators with a wide range of powerful functions, making it both technically advanced and visually appealing. Its Smart Scene Plate enables dynamic scene control, while the integrated temperature sensor ensures precise reporting to the KNX bus. Status feedback LEDs softly illuminate the four corners, indicating scenes or alerts like doorbells and alarms. Custom engraving discreetly marks the four outer buttons.

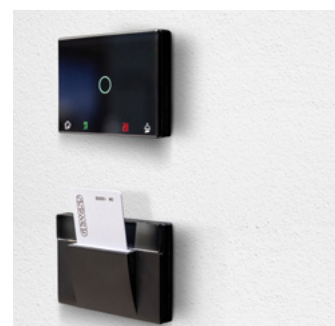
Contact: www.faradite.com



GWHost

GEWISS - GEWISS has renewed GWHost, the hotel access control and management system. GWHost consists of a mini-PC equipped with management software already installed and ready to be connected to the hotel's LAN network. New transponder holders and new transponder readers are now available, aesthetically coordinated with the domestic ChoruSmart range, which use MIFARE® RFID technology (13.52 MHz) to ensure maximum security of the data managed. It is a complete system that provides guests with comfort and safety at the highest level at all times, taking advantage of all the flexibility and security of the KNX communication standard.

Contact: www.gewiss.com



Gira KNX DALI Gateway Colour

Gira - Create an atmosphere with coloured light. The DALI Gateway Colour for KNX is a reliable and versatile solution for switching and dimming coloured lighting according to the DALI2 standard. In addition to precise adjustment of the colour temperature with DALI Device Type 8 for Tunable White, Human Centric Lighting (HCL) technology can also be used for dynamic lighting.

Contact: <https://link.gira.com/DALIGatewayEN>



EU Version Touch Screen 720P

Guangzhou Seawin Electrical Technologies Co., Ltd. - Smart touch screen panel is mainly used in building and home control systems, installed as a system together with other devices on the bus. The functions are simple and intuitive to operate; users can plan and systematically execute these functions according to their needs. The smart touch screen panel has 11 normal functions and 8 general functions, each with 16 channels, and can be used to control switches, curtains, dimming, scenes, air conditioners, HVAC, fresh air, floor heating, background music, and display air quality data, power parameter data, etc. environment, offering a universal appeal.

Contact: www.seawin-knx.com



Ink screen switch panel

Guangzhou Seawin Electrical Technologies Co., Ltd. - Advantages of ink screen key panel: Flexible customization: users can adjust the number of keys from 1 to 8 according to their needs, avoiding factory modification. Free layout: the size and arrangement of the key sheet can be customized according to personal or project needs. Convenient editing: edit the key number and text content through the app or host computer software, with no need to return to the factory for modification. Reduce waste: avoid laser engraving, save time and cost, and meet project demand changes. Long-lasting clarity: the ink screen displays clearly, and even if the power is off, the text can still be retained. It supports backlight function to ensure readability at night. enhances energy efficiency.

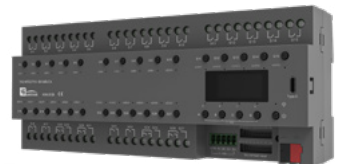
Contact: www.seawin-knx.com



TANTRON 27-Channel Multifunctional Actuator

Guangzhou Tantron Electronics CO., Ltd - The KNX 27-Channel Multifunctional Actuator features 27x16A relays configurable for switching, shutters, or fan coils. It includes 4x1-10V interfaces and 16 binary inputs (4 NTC input options). Equipped with an LCD for manual control and USB-C for firmware updates, this device ensures flexible, reliable performance for advanced building automation.

Contact: www.tantron.com.cn



KNX Smart Touch S7

GVS SMART CO., LTD. - Elevate your home automation with the KNX Smart Touch S7, a 6.9-inch control panel designed to revolutionize your interaction with smart devices. With a resolution of 1440x720, it delivers crystal-clear visuals that bring your smart home to life. The KNX Smart Touch S7 integrates KNX device control with a SIP intercom system, bridging indoor and outdoor communication. Effortlessly manage your connected devices with intuitive controls and advanced features. Experience the future of home automation today.

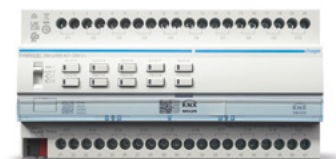
Contact: www.gvssmart.com



Hager's new KNX Secure Actuators

Hager - Hager has re-engineered and streamlined its KNX portfolio. The previously available actuator references of TY and TX are now harmonized in one reference range—the TY*S range—which simplifies the ordering process. The “S” in the new references stands for “Secure,” as all new actuators support the KNX Secure standard. By scanning the “Unique ID,” which is engraved as a QR code on every actuator, paperless access to all product documentation data is provided. Moreover, the firmware of the actuators can be updated by using the “Hager/Berker Firmware Update” app in the ETS. On top of that, Hager has reduced its actuator prices, making the new devices even more attractive for you and your customers.

Contact: <https://hager.com/de/loesungen/gebaeudesystemtechnik/knx-secure>



Intesis DALI to KNX PRO

HMS Industrial Networks - The new Intesis DALI-2 to KNX TP PRO Gateway is a multi-master application controller for DALI-2 ballast integration into KNX. It enables standard switching/dimming, color control, emergency lighting management, and operating hours recording, with error analysis for interoperability in building automation setups. It allows seamless interoperability and flexible configuration options. With an embedded DALI power supply, it simplifies installation while offering advanced lighting control for comfort, wellness-focused HCL features, and reliable emergency lighting management. KNX Data Secure ensures encrypted communication, and IoT compatibility supports smart building integration.

Contact: www.hms-networks.com/p/inknxdal0640300-dali-2-to-knx-tp-pro-gateway



Ilevia X1 Server Pro

Ilevia - Ilevia server integrates today's most requested technologies and standard protocols, ensuring seamless operation across systems. Praised by professionals for its simplicity, speed, and unmatched ease of configuration, it empowers installers to save valuable time. Featuring a renewed, modern interface, it combines practicality, user-friendliness, and aesthetic appeal. Unparalleled technical support is part of the experience, with a passionate, expert team ready to assist at every step. Ilevia anticipates your needs, offering innovative solutions to simplify even the most complex KNX projects.

Contact: www.ilevia.com



INSPINIA 8 SQ Touch Panel

Inspinia Technology - INSPINIA 8SQ Touch Panel is a sleek and versatile 8" touch home controller designed for various living spaces. The 8SQ integrates seamlessly with KNX systems, offering intuitive control of lighting, air conditioning, shading, security, multimedia, and more. It features luxurious brushed-aluminum sidebars in various colors, blending style with advanced functionality. Connected to the SkyPlatform cloud, the 8SQ enables remote configuration, scenarios, logic functions, and mobile app integration. It comes with responsive touch technology, customizable interfaces, and Google Home compatibility. The 8SQ elevates automation for homes and businesses, transforming your living spaces.

Contact: www.inspinia.eu



Interra iX4 - 4" KNX Touch Panel

Interra Technology - We are thrilled to announce the latest addition to Interra Technology's innovative lineup: the iX4. Designed with unparalleled integration capabilities, the iX4 redefines industry standards with its cutting-edge features and robust performance. Key Features: Seamlessly integrates with existing KNX systems, optimizing energy consumption and operational efficiency. User-friendly interface for easy installation and management. Built-in scalability to adapt to evolving technological landscapes. For more info, visit our website or contact our sales team.

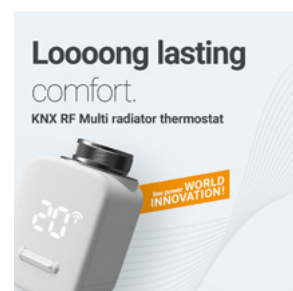
Contact: <https://interratechnology.com>



ise KNX RF Multi radiator

ise Individuelle Software und Elektronik GmbH - Immediately enhancing the ease of living after a straightforward, wireless installation: Whether in a new or existing building, the energy-saving radiator thermostat ensures a comfortable temperature throughout the house. With a boost function, integrated temperature sensor, or actual temperature via KNX, and many more functions, it guarantees ease of living and reduces energy consumption and costs. Under typical conditions, it has a battery life of up to two years. It can also be parametrized directly in the ETS. The title of "world first" is more than deserved.

Contact: www.ise.de/en/knx-rf-multi



Meet Lithoss 'Pixel'

Lithoss nv - Lithoss customizes its designs to suit your personal style, drawing inspiration directly from you. Minimalism lovers will undoubtedly adore our new Pixel series, a range of switches with elegant buttons. Equipped with all the experience of our renowned Select KNX series, the Pixel integrates effortlessly into any room without sacrificing functionality. In addition to the well-known "standard" frame solution, we now offer a floating variant that sits a few millimeters away from the wall. This ingenious and easy-to-install design solution provides a perfect answer when the wall is not always perfectly flat. Switches are available in both round and square shapes.

Contact: www.lithoss.com



MDT Glass Touch Smart / Plus

MDT technologies GmbH - With its capacitive high-resolution 6-inch TFT colour display and elegant design combining white or black glass and brushed aluminium, the Glas Touch Smart/Plus is an eye-catcher. For vertical or horizontal installation, the user may avail themselves of up to 64 personalised functions, customised with design colours, background images, or logos. The code lock function and KNX Data Secure protect against unauthorised access. The Plus version has a circumferential RGBW background illumination, an integrated loudspeaker for acoustic feedback, a time switch, and the code lock function for up to 4 users.

Contact: www.mdt-group.com/products/product-detail/glass-touch-smart.html



KNX Constant Power LED Driver

MEAN WELL - MEAN WELL introduces the XLC-KN series, featuring 25W, 40W, and 60W constant power output LED drivers with integrated KNX interfaces, eliminating the need for complex KNX-DALI gateways. The XLC-25-KN (300-1050mA), XLC-40-KN (600-1400mA), and XLC-60-KN (900-1700mA) offer flexible current selection via ETS software. With efficiencies of up to 90% and operating ranges from -25°C to 90°C, they ensure reliable, flicker-free performance and meet CE ErP directives. Additional features include a 0.5% dimming level, emergency lighting compatibility, operation feedback, and a 5-year warranty, making them ideal for modern LED applications.

Contact: <https://building.meanwell.com/productSeries.aspx>



MES-DALI-64 by Ourican

Messung Systems Pvt. Ltd. - Messung Ourican's MES-DALI-64 module brings intelligent control to your lighting systems, managing up to 64 independent DALI drivers and 16 groups. With support for DALI-2 standards, it offers precise control over color temperature, including tunable white and RGB mood lighting. It features 16 scene options, fault detection, and feedback on brightness and switching conditions. The LCD display ensures easy setup, while its compact design (71.3 x 90.5 x 62 mm) makes it perfect for a variety of installations. Enhance your space with efficient and customizable lighting control.

Contact: <https://ourican.com/products/knx/lighting-control/mes-dali-64>



Optimus Combined Actuator

Optimus Solutions - The Optimus combined actuator, available in 4, 8, 12, 16, 20, and 24 channels, offers maximum flexibility for various applications. It controls lighting, curtains/blinds, and heating/cooling systems with a single device, optimizing energy management and ease of use. Its compact design saves space in panels, while high-current protection ensures safe and durable operation. Ideal for small-scale projects and large commercial applications, its robust design and user-friendly features make it a reliable solution for KNX systems.

Contact: <https://optimusst.com/products>



Panasonic KNX Secure Actuator

Panasonic Electric Works Turkey - Discover the perfect blend of efficiency and innovation with the Panasonic KNX Secure Mix Actuator. Its compact size optimizes panel space by offering a unique dimension that accommodates diverse channel requirements. Enhanced inrush current capacity ensures reliable performance. Powered by the KNX bus, it eliminates external power needs. KNX Secure encryption safeguards communication. Key features include manual overrides, lighting/heating control, AC/DC shutter management, fan coil support, and advanced functions like sequencers and logic gates.E15.

Contact: <https://ewtr.panasonic.com/>



ARAGON LLM Voice Assistant

ProKNX SAS - The new ARAGON Maestro offline voice assistant revolutionizes building control with impressive functions. Integrated LLM: Answers complex queries without the internet. AI voice recognition: Precise recognition thanks to Whisper technology. Seamless KNX integration: Automatic configuration via KNX server, KNX IoT 3rd party, or the brand-new ETS6 semantic export. Open interface: Customizable via Node-RED. The Maestro uses KNX events for information (e.g., "The stove is still on"), queries (e.g., "Should I switch off the light?"), and automated actions (e.g., "I'm leaving the house"). Reliable, independent of cloud services, and with guaranteed privacy.

Contact: www.heyaragon.com



A New Era for KNX/DALI GWs

Siemens AG - The new KNX/DALI Gateways N 141/14 & N 141/32 set new standards: DALI-2 certified and compatible with presence and brightness sensors from all manufacturers, they meet the highest requirements. Supporting DALI DT8 for color temperature control, Tunable White, and RGBW, they offer advanced design options. Intelligent channels enable automated group creation and their group addresses. Maximum future-proofing is provided by the integrated IP interface with Ethernet connection and KNX Data Secure readiness. Standby mode and precise light and constant light regulators contribute to energy savings, making them the perfect partners for modern KNX installations.

Contact: www.siemens.com/knx



Smart room control with QMX6

Siemens Schweiz AG - The new QMX6 room units redefine comfort and efficiency with advanced KNX technology. Available in different variants for temperature, humidity, and CO₂ measurement, they offer precise control for water-based HVAC systems like radiators, underfloor heating, and radiant ceilings. Built-in controllers ensure seamless integration, while the intuitive touch LCD display allows easy adjustment of modes and setpoints. With enhanced sensor options and a modern design, QMX6 provides flexibility, comfort, and smart energy management for future-ready buildings.

Contact: www.siemens.com/hvac



Daily-business sensors

STEINEL GmbH - The presence detectors in the series 4000 from STEINEL focus on frequently used applications in everyday life, whether in offices, meeting rooms, hallways, or large areas. With a range of 8 or 24 m, the 360-degree PD IR 4360-8/24 presence detectors are versatile and can be used in flush-mounted, surface-mounted, or ceiling-recessed versions. They have a modular design and are particularly easy to install thanks to magnetic mounting and a round design. This minimizes installation time on-site. Practical: the programming mode can be started remotely via the Smart Remote app.

Contact: www.steinell.de



KNX push-button interfaces

Theben AG - Tamper-proof communication – New Theben KNX push-button interfaces with KNX Data Secure and 2, 4, 6, or 8 channels – This means they are optimally protected against data theft and manipulation. All devices have universal inputs/outputs with up to 3 mA output current and therefore also enable the control of commercially available LEDs and low-current LEDs. In addition, the 4-, 6-, and 8-channel devices offer the option of connecting a temperature sensor (NTC 100k) and can therefore also be used for temperature measurement in heating/air conditioning control. The KNX push-button interfaces support all common data point types and can therefore be used flexibly.

Contact: www.theben.de



Piccolo is now also Server

Thinknx - The 'Piccolo' touch controller features a minimalist design and compact size, ideal for various applications, including residential, commercial, and hospitality settings. With native KNX TP connectivity, it can operate as a standalone KNX device or as a Thinknx Server for remote app control. Its customizable interface includes unlimited pages with adaptable control objects. The high-resolution 4" screen allows smooth navigation. Built-in temperature and humidity sensors enable thermostat functionality, while the mic and speakers support intercom and IP camera monitoring. Wired/WiFi connectivity and PoE or DC power simplify installation, making it a perfect solution to replace bulky devices.

Contact: www.thinknx.com



Eikon Exé with Tondo control

Vimar SpA - Also available with the KNX Secure protocol, the Eikon Exé series Tondo 2-module control, designed to control lights, roller shutters, scenarios, etc., allows better management of LED backlighting, the color of which can be adapted based on the load status and set differently for day and night. The simple yet striking design that defines Eikon Exé cover plates has generated a new type of control, Tondo, which joins the already comprehensive collection of traditional controls, Vintage and Flat. Elegant and discreet, Tondo is inspired by classic round-shaped controls, featuring a base with backlighting around the button and a choice of LED colors.

Contact: www.vimar.com/en/int/eikon-exe-17707122.html



KNX secure Weather station pro

WAREMA Renkhoff SE - Available from mid-2025, the KNX weather station with integrated GPS has no moving parts that are susceptible to wear and precisely measures brightness, wind, and temperature via ultrasound and optical sensors. As a result, we are able to offer clever control functions for sun shading products such as slat tracking, sun control, and wind monitoring, increasing energy efficiency, comfort, and safety. Another advantage: the optional WAREMA Plug-in-Protect overvoltage protection can be simply plugged in to protect the on-site bus system against overvoltage.

Contact: <https://smartbuildings.warema.com/en/bus-systems/knx/>



KNX secure 1M230.4I UP

WAREMA Renkhoff SE - Available from mid-2025, the KNX UP actuator can be used for intelligent control of a 230 V AC sun shading drive. The actuator has four digital binary inputs for connecting sunblind push buttons or buttons for dimming. It also offers a range of pre-programmed control modes relevant for sun shading, such as integrated sun position calculation (slat tracking), heating support, and presence and safety functions such as wind monitoring. The integrated Bluetooth interface and WAREMA KNX actuators app allow for quick and secure installation.

Contact: <https://smartbuildings.warema.com/en/bus-systems/knx/>



KNX TP Push Button 420.1 secure

Weinzierl Engineering GmbH - In a world of pure black and white, contrast becomes the language of style. The simplicity of black and white creates a modern, minimalist look that is both powerful and timeless. These colors, brought down to their simplest form, lend elegance to any space, proving that sometimes less is more. The KNX TP Push Button 420.1, secure with integrated bus coupling unit and room temperature controller, is the new generation of our KNX push buttons in the MATCH 55 series. Both the hardware and the ETS application have been significantly enhanced. There are extensive functions like LED status with six bi-color LEDs, acoustic feedback, and a room temperature controller with an integrated sensor.

Contact: <https://weinzierl.de/de/products/420.1/>



Touch Slide Dimming Panel

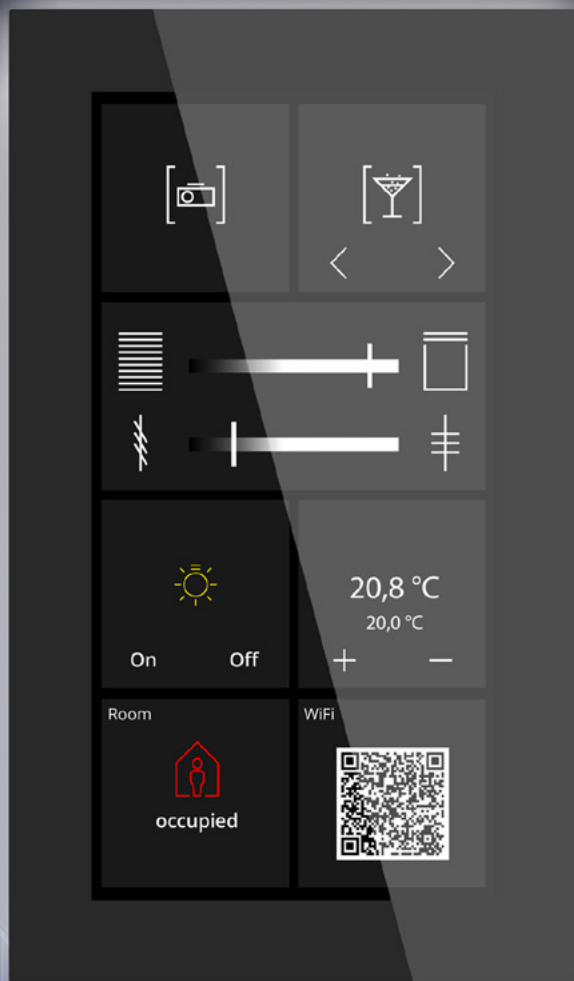
Wuhan Citron Intelligent Technology Co., Ltd. - The touch induction is smart and sensitive. There are two touch bars on the left side of the panel, which can adjust the light brightness and color temperature simultaneously. Every time you touch them with your fingertips, the backlight will change gradually. The dimming is smooth and natural, allowing you to adjust the warmth and coolness as you like.

Contact: www.citron-iot.cn

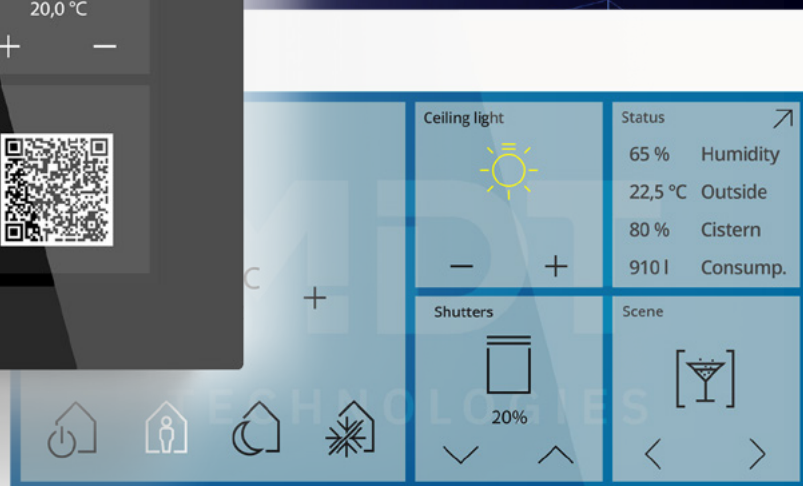


Glass Touch Smart

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- > High resolution 6-inch TFT-colour display
- > Circumferential orientation light
- > Layout individually customisable
- > Up to 64 functions and 12 status displays
- > Incl. temperature sensor and room temperature controller
- > Code lock function
- > KNX Data Secure





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www.sanyuancable.com.cn



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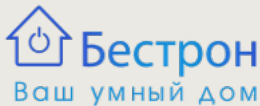
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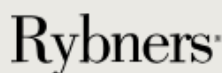
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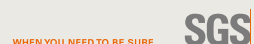
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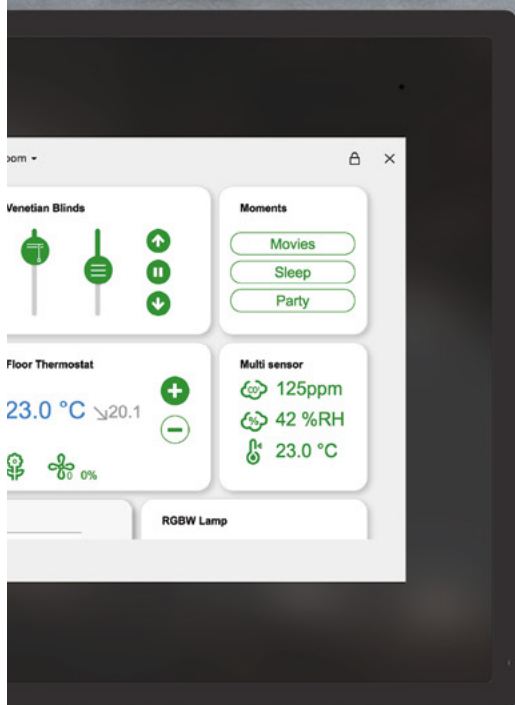
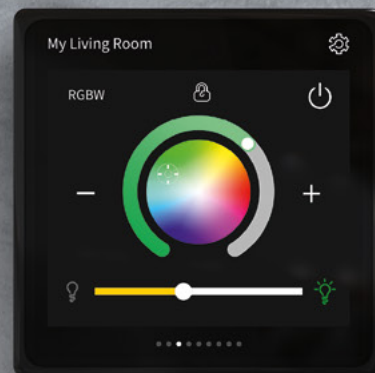
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KNX Days - **Colombia**



AMPER 2024 - **Czech Republic**



El & Teknik - **Denmark**



FFB The Building Festival - **France**



KNX Summit - **Germany**



Smart Home Expo 2024 - **India**



KNX Professionals Cross National Joint Meeting - **Italy / Germany**



KNX Japan Forum - **Japan**



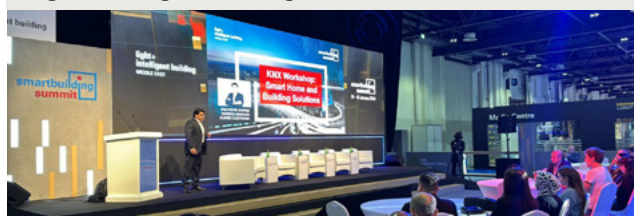
KNX Korea Spring Conference - **Korea**



KNX Days - **Mexico**



Light + Intelligent Building - **Middle East**



KNX Experts Meeting - **Poland**



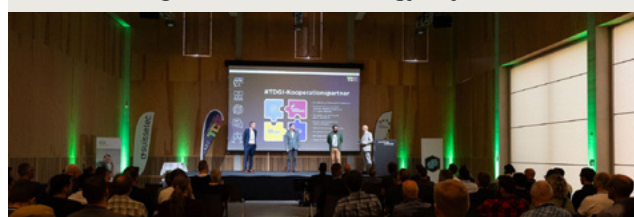
Expo nZEB Bucuresti - **Romania**



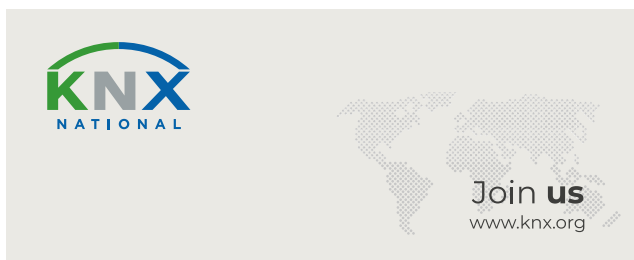
Matelec 2024 - **Spain**



TDGI: Building Information Technology Day - **Switzerland**



NG UK Annual National Conference 2024 - **UK**



EVENTS & FAIRS - Event Schedule

Below you can find a selection of upcoming events where KNX Association and its National Groups will be present. For the complete list, visit: <https://www.knx.org/knx-en/newsroom/>

	Frankfurt GERMANY	ISH 2025	March 17-21	The world's leading trade fair for HVAC + Water.	https://ish.messefrankfurt.com/frankfurt/en.html
	Brno CZECH REPUBLIC	AMPER 2023	March 18-20	International technology trade fair	www.amper.cz
	Lissabon PORTUGAL	Tektonica	April 10-12	The largest Portuguese Building and Construction Fair.	https://tektonica.fil.pt
	Las Vegas USA	Lightfair 2025	May 4-8	World's largest architectural and commercial lighting trade show and conference.	www.lightfair.com
	Mumbai INDIA	Smarthome Expo 2025	May 8-10	Largest trade show and conference within the smart home technology in India.	www.smarthomeexpo.in
	Helsinki FINLAND	KNX Training Centre Conference	May 10-16	Event bringing together KNX tutors to explore the latest trends in training.	https://trainingconference2025.eventzilla.net/e/2138637242
	LATIN AMERICA	Building Automation Days	May 5 - October 15	Series of events, organized by KNX LATAM, is designed to bring together experts from various sectors	www.knxlatinamerica.org
	Santa Clara USA	IoT Tech Expo	June 4-5	The world-leading IoT event series.	www.iotttechexpo.com
	Guangzhou CHINA	GEPT 2025	June 9-12	Asia's premier platform for the electrical engineering, building and home automation markets.	https://guangzhou-electrical-building-technology.hk.messefrankfurt.com/guangzhou/en.html
	Shanghai CHINA	SIBT 2025	August 13-15	China's premier platform for intelligent building technology.	https://shanghai-intelligent-building-technology.hk.messefrankfurt.com/shanghai/en.html
	Denver USA	Cedia Expo 2025	September 3-6	Platform where residential technology integrators, designers and construction professionals connect.	https://cediaexpo.com
	Herning DENMARK	Euroskills 2025	September 9-13	European Championship of young professionals of skills.	https://worldskillseurope.org
	Split CROATIA	KNX National Group Conference	October 1-2	The most vibrant meeting place for the electricity sector.	www.knx.org
	London UK	Smart Building Show	October 15-16	The UK's largest commercial smart buildings event	https://smartbuildingsshow.com
	Madrid SPAIN	Matelec 2025	November 18-20	International Trade Fair for the Electrical and Electronics Industry.	www.ifema.es/en/matelec
	Milano ITALY	Smart Building Expo	November 19-21	The Italian fair for home and building automation and system integration.	https://smartbuildingexpo.it
	Lisbon PORTUGAL	Decor Hotel	November 20-22	Decor Hotel presents news related to hotels, design, services for hotels and restaurants and decoration.	http://exposalao.pt/en/feira/decor_hotel
	Barcelona SPAIN	ISE 2026	February 3-6	The world's leading AV and systems integration exhibition	www.iseurope.org
	Frankfurt GERMANY	Light + Building 2026	March 8-13	The world's leading trade fair for lighting and building services technology.	https://light-building.messefrankfurt.com/frankfurt/en.html



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VIDEOS & WEBINARS

In this section we highlight some of the most interesting recent videos from KNX association's YouTube channel.



ETS6.3.0: the Latest Features and Innovations

Find out about the new ETS6.3 functions and capabilities and how they can make KNX installations more efficient and versatile.

www.youtube.com/watch?v=NTBIOI2aCZY



KNX Awards 2024

The KNX Awards recognize the smartest KNX projects in home and building control worldwide, rewarding innovation and technical progress. Watch the unveiling of the world's most inspiring projects!

www.youtube.com/watch?v=iXvI639qWb4



ETS App: Password Manager

ETS6.3.0 comes with Support for the ETS App: Project Password Manager. It assists with Project Passwords so they do not have to be entered so often, and more importantly, Project access can be recovered when a Password is forgotten. Learn all about it in this Video.

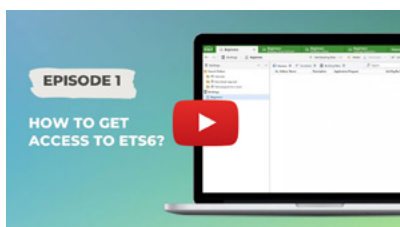
www.youtube.com/watch?v=q0YssWAXT-I



KNX's Future: Sustainability, Strategy, and Innovation

KNX President Jean-Christophe Krieger will share his vision for the future of KNX, focusing on its role in driving sustainability and innovation.

www.youtube.com/watch?v=JdDzpVgFO30



ETS6 for beginners

In this handy set of videos, we provide short video tutorials on how to get you started with ETS6 and discover the main steps to get you on your way with your first KNX projects.

<https://bit.ly/4iGeRvq>



KNX green tunnel at IoT Solutions World Congress 2024

A guide through our green tunnel at 2024's IoT Solutions World Congress. Discover how KNX is contributing to a sustainable future.

www.youtube.com/watch?v=cgZXh2FiwF8



Imprint

KNX JOURNAL INTERNATIONAL

The KNX Journal is the international magazine for home and building control based on KNX technology. Experts, practitioners and professionals show the way in applying and developing the KNX standard – from home and building control trends to devices and application projects; from the KNX members and partners to useful information on event stands and publications. Special attention is given to members and activities of the KNX Association International and their national groups.

Distribution

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All **Media**

Ethernet (IP)
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Powerline (PL)

