



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

About KNX IoT

KNX Forum Tokyo 2025, 09.12.2025



KNX IoT

Why KNX IoT?

- Wireless
- Secure
- Interoperable
- Global
- New Opportunities
 - For Partners: Solutions where previously there were none
 - For Manufacturers: New Applications, previously not appealing with TP

KNX IoT

- KNX IoT is a new Medium Type
 - based on IPv6
 - **Thread, Wifi, Ethernet**, Single Pair Ethernet
 - secure by definition!
- Options:
 - KNX IoT only
 - KNX IoT and TP

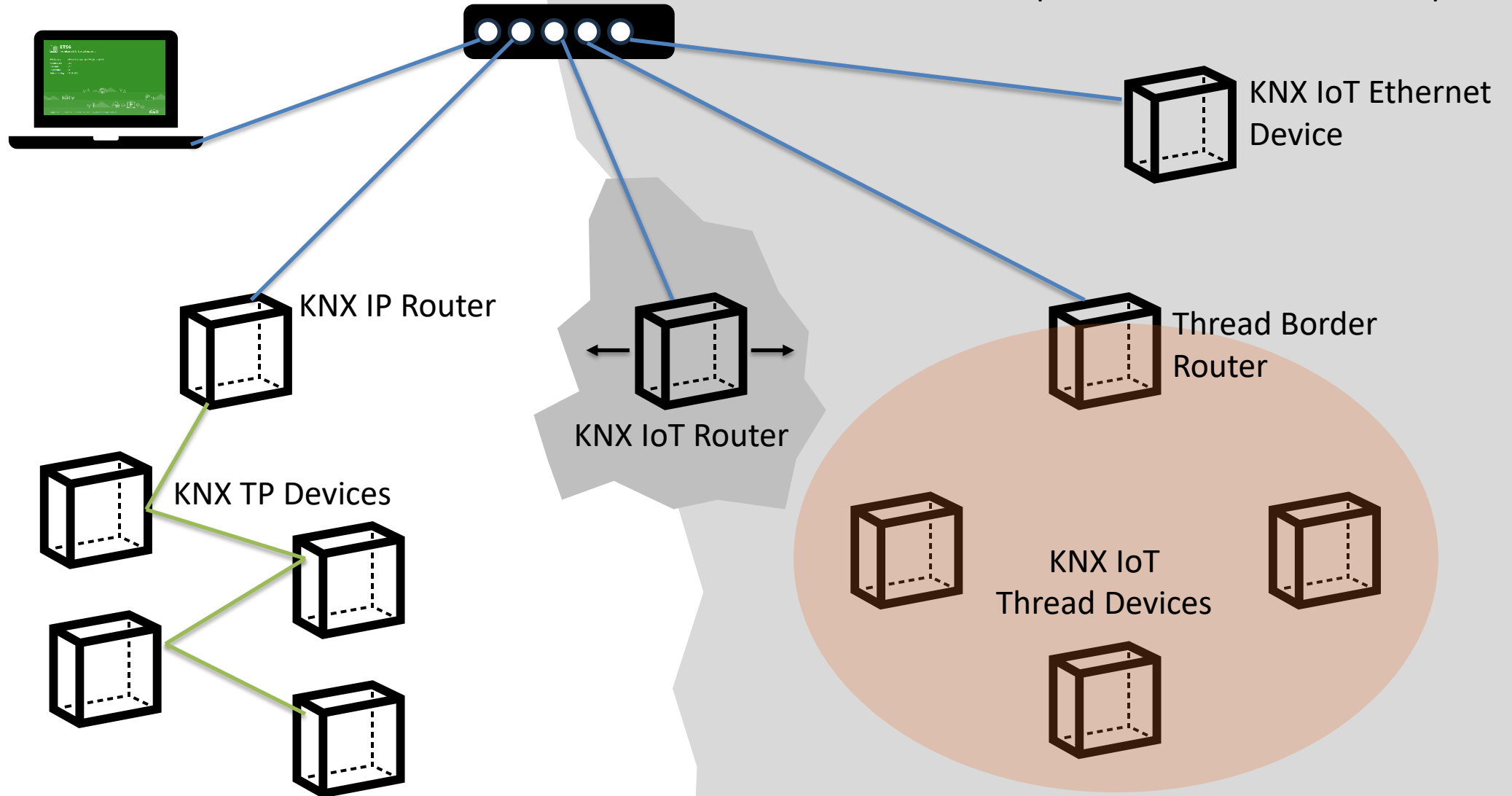
KNX IoT

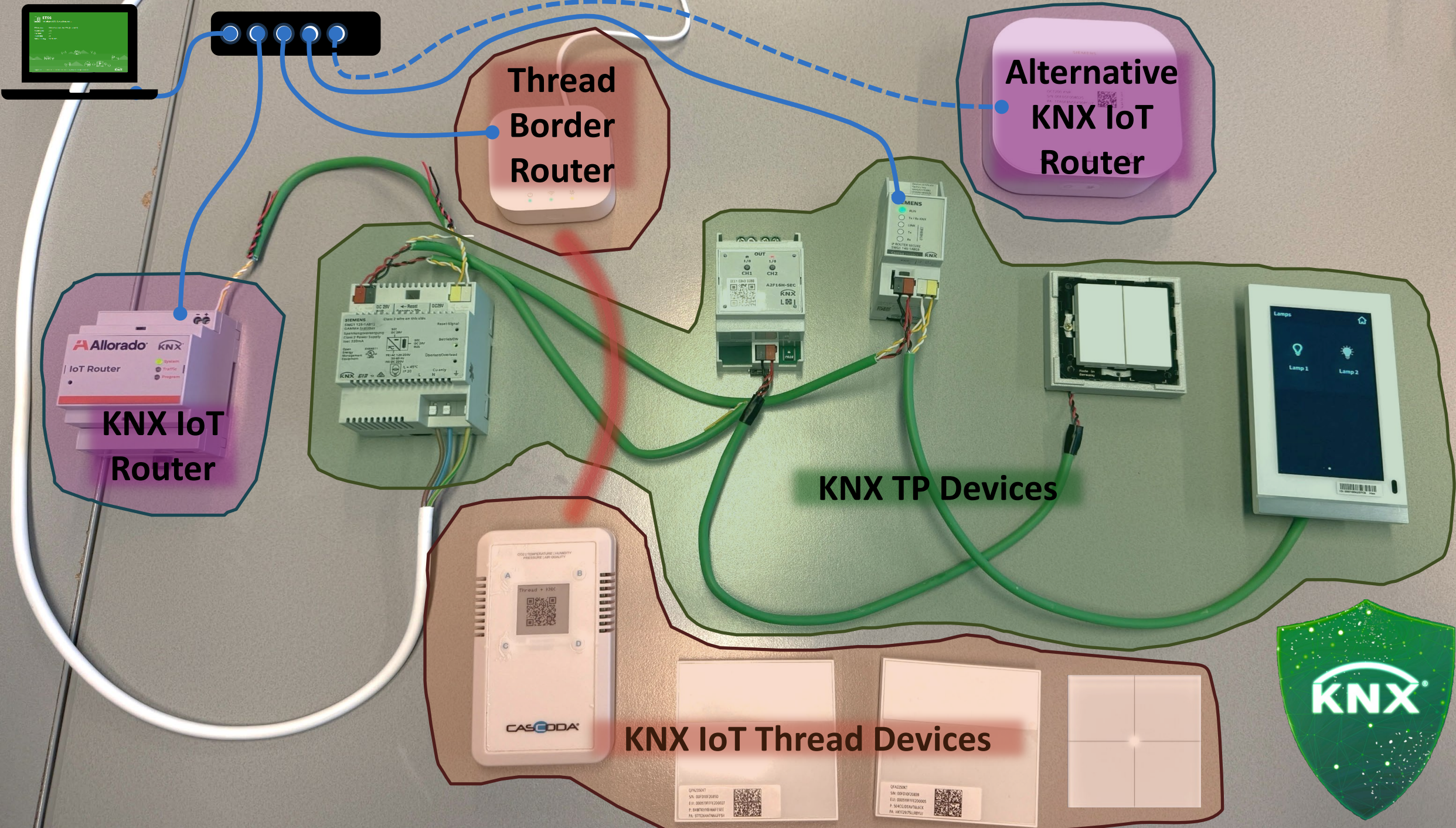
- Quick Product Development with KNX Open Source Stack
 - Windows, Linux
 - freeRTOS
 - Zephyr
 - ...!?
- Stack passes all KNX Certification Tests
 - Low threshold for integration into existing Products
 - New Applications for KNX

KNX IoT Demo

KNX IoT Point API:

- Secure Groups TP → Secure Groups IoT
- Plain Groups TP → Secure Groups IoT
- Secure Groups IoT → Plain/Secure Groups TP





Thread
Border
Router

Alternative
KNX IoT
Router

KNX IoT
Router

KNX TP Devices

KNX IoT Thread Devices



Demonstration made possible by KNX IoT Products (& great support) from:

Allorado

- **IoT Router available**, Order number: AL-IOTRTR-01
- More info: <https://allorado.io/resources/knx-iot-router/documentation/knx-iot-explained>
- Contact: sales@allorado.io
- <https://www.linkedin.com/company/allorado/>

Siemens

- **Deliveries starting March 2026**
 - IoT Router, Thread Border Router, Sensors
- Japanese Radio Certification upon demand
- Interested? Speak to M. Critchfield today
 - Distribution Partner will reach out to you

Cascoda

- **Products and IoT Stack available**
 - IoT Router
 - IoT Sensor
 - IoT Development Kit
- Sourcing via <https://innovelec.co.uk/>

ATOUGH WINWEL

- **Pushbutton available**
 - Order number: KNX-K4IoTGx-xx
 - Contact: r.antunes@atouch.com.pt

Thanks.

Michael Critchfield

ETS Product Manager

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For general questions:
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