



SEMINAR INVITATION

on April 2nd in Turnhout
on April 3rd in Zwijnaarde

INVITATION TO: IS YOUR IOT DEVICE HACKABLE? ON APRIL 2-3RD IN BELGIUM

Don't panic. We've got you covered!

Cybersecurity plays a crucial role in safeguarding information, preventing attacks, and maintaining the stability of the interconnected world. Just like brakes on a car, it is not about stopping progress but ensuring safe and secure navigation.

In terms of cybercrime, the estimated global impact of known incidents in 2023 is close to 8 trillion euros and projected to grow exponentially. Regulatory bodies worldwide are taking cognizance of this and creating regulations to ensure security and privacy. In the EU, the EN18031 will be effective starting August 2025 and will be applicable to all devices with wireless connectivity.



The good news is, we have a new product to with focus on cybersecurity in IoT. The Cordelia WiFi module 2610011025010 will be one of the first products in the market to be compliant with the compliance on EN18031 norm. This compliance approach is accompanied by offering a zero-touch provisioning service, that minimizes the risk of compromise at any stage in the supply chain.

Don't miss our exclusive hands-on Workshop

We will spend a full day with you, dedicating 30% of the time to theoretical concepts and 70% to hands-on training. The primary goal is that you leave the seminar with a completed IoT solution tailored to their specific application.

Main topics:

- Introduction to IoT
- Overview of the EU norm EN18031
- Würth Elektronik's secure IoT solutions
- Hands-on: Building a secure IoT solution from sensor to cloud
- You go home with a complete IoT solution including the hardware

This seminar is mainly oriented towards embedded, firmware and software engineers dealing with Wifi connectivity in IoT application. Please consider the following prerequisites:

- Familiarity with MQTT and AWS platform;
- Bring your laptop (with admin rights), we will work with Smart Commander as interface for communicating with the Cordelia-I Evaluation board;
- Having an AWS/azure account on beforehand is recommended;

This seminar tour is planned at two locations, book early as places are limited because of the Practical hands-on session. Hardware (Cordelia Evaluation board) will be provided for free.

Seminar location:

April 2nd, Headquarter, Everdongenlaan 29,2300 Turnhout

April 3rd, Nieuwgoed seminariecentrum, Grotesteenweg-Zuid 8, 9052 Zwijnaarde

You can find the registration here: www.we-online.com/seminar-registration

We would be pleased to welcome you to our seminar.

With kind regards

Würth Elektronik

AGENDA FOR THE FREE SEMINAR IS YOUR IOT DEVICE HACKABLE? ON APRIL 2-3RD IN BELGIUM

09.00 Welcome

09.15 Cybersecurity regulations (RED) and practical tips

10.30 Short break

10.45 Configure and control the Cordelia-I WiFi connectivity module. Connect the module to the local WiFi network.

11.15 Introduction to MQTT

11.30 Hands-on MQTT protocol

12.00 Lunch

13.00 MQTT over TLS

13.30 MQTT over mTLS using Cordelia-I and AWS (Demo only)

14.00 Short break

14.15 Simplified secure cloud connectivity using the Cordelia IoT module and the QuarkLink platform

15.15 Q&A + end

(The language for this seminar is English)

(The organization reserves the right to change the agenda)

We look forward to seeing you there and helping you elevate your projects to new heights!