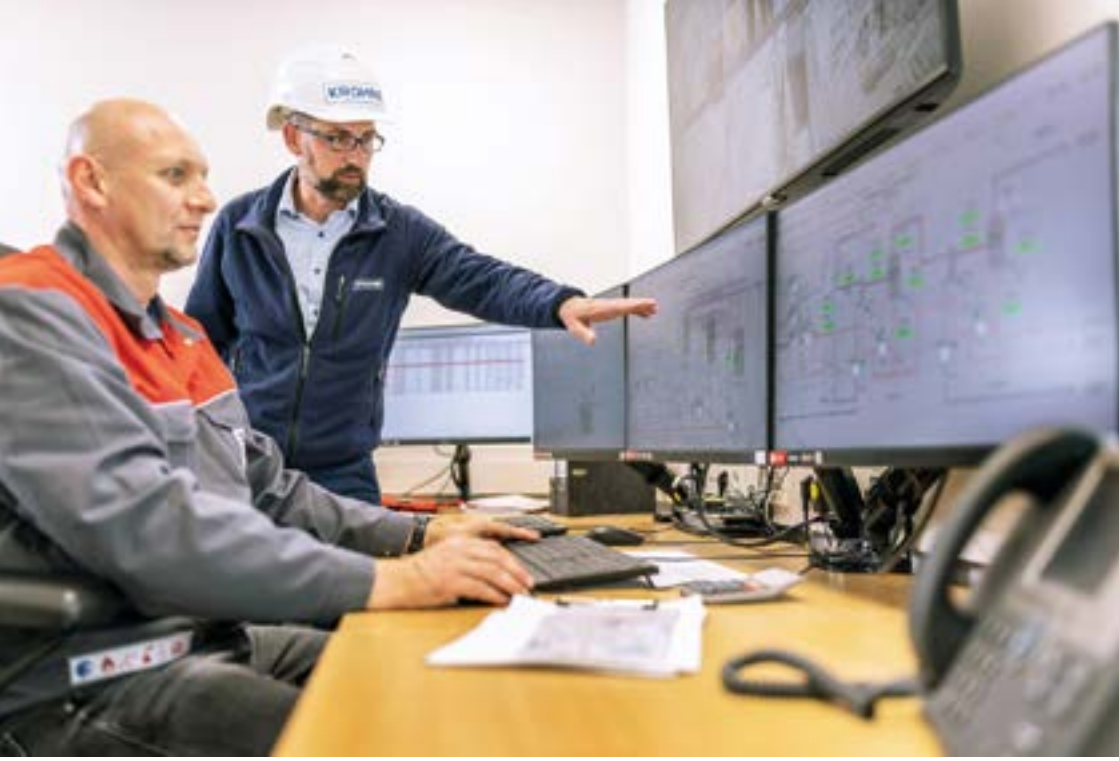


KROHNE

measure the facts

# Unleashing Digital transformation

## An academy on integrating the field level in the process industries

Academy 4 & 5 November 2025

Polzer Automation Solutions

Your Path to Digitalization

# Increase efficiency and performance of a plant!

**Struggling with disconnected systems? Facing challenges in integrating field devices with higher-level automation?**

Join KROHNE and Polzer Automation Solutions on **November 4th & 5th** for a training designed for technicians, instrumentation specialists, and project engineers in process industries. Learn how to seamlessly integrate sensors and transmitters into Control Strategies, Asset Management Systems, and even IIoT platforms—unlocking new levels of efficiency, reliability, and performance.

This vendor-independent academy is not just a technical training. It provides practical guidance, real-world use cases, and insights into the latest trends shaping the industry. You'll gain actionable knowledge to overcome common hurdles, such as:

- ✓ "How do I connect my legacy devices to modern digital platforms?"
- ✓ "What are the most efficient ways to implement industrial communication protocols?"
- ✓ "How can I ensure cybersecurity while enabling remote diagnostics?"
- ✓ "What are the benefits of Ethernet-APL for my plant operations?"
- ✓ "How does NOA (NAMUR Open Architecture) help unlock hidden potential in my process data?"

## Highlights

- **The impact of Digital Transformation** – How it reshapes businesses and operations
- **Cybersecurity** – Regulations and their implications for process industries
- **Industrial communication essentials** – 4...20 mA with HART, Wireless HART, HART-IP, PROFIBUS, PROFINET, Ethernet/IP, MODBUS
- **Device integration with FDI** – Simplifying compatibility and enabling future-ready solutions
- **NAMUR Open Architecture (NOA) and PA-DIM** – Secure, structured data access for better decision-making
- **Ethernet-APL** – Bringing Ethernet to the field level for next-gen process automation
- **PIA-Link®** – Remote commissioning, verification, and diagnostics made easy

**Price of the 2 days-training: €950 VAT excl.**
**Registration is only valid upon receiving inscription fee!**

Register now: krohne.link/academy-digital-transformation-be as seats are limited!

We look forward to seeing you there!

# Tuesday November 4th 2025

| | |
|---|---|
| **08:30 – 08:45 h** | **Welcome + Introduction** |
| **08:45 – 09:00 h** | **Agenda** |
| **09:00 – 09:30 h**<br>Lesson 1 | **Digital transformation effects your business**<br>Digitization vs Digitalization vs Digital Transformation - Quo vadis? |
| **09:30 – 09:45 h** | **Discussion on previous lesson - Q&A / break** |
| **09:45 – 10:30 h**<br>Lesson 2<br>Part 1 | **Security - An overview on important directives and regulations and what does it mean for companies**<br>• NIS2, IEC27000, IEC62443, EU Resiliance Act |
| **10:30–11:00 h** | **Coffee break** |
| **11:00–12:00 h**<br>Lesson 2<br>Part 2 | **Security - An overview on important directives and regulations and what does it mean for companies**<br>• NIS2, IEC27000, IEC62443, EU Resiliance Act |
| **12:00 – 12:15 h** | **Discussion on previous lesson - Q&A / break** |
| **12:15–13:15 h** | **Lunch** |
| **13:15 – 15:00 h**<br>Lesson 3<br>Part 1 | **Basics on Local and World-wide Communication Networks**<br>• OSI 7 Layer model<br>• Local Area Networks<br>• Switching - Routing - VLANs<br>• Ports and World Wide Web<br>• Industrial Wireless LAN<br>• Security - VPN - Firewalls: Availability and Redundancy |
| **15:00 – 15:30 h** | **Coffee break** |
| **15:30 – 16:50 h**<br>Lesson 3<br>Part 2 | **Basics on Local and World-wide Communication Networks**<br>• OSI 7 Layer model<br>• Local Area Networks<br>• Switching - Routing - VLANs<br>• Ports and World Wide Web<br>• Industrial Wireless LAN<br>• Security - VPN - Firewalls: Availability and Redundancy |
| **16:50 – 17:20 h** | **Discussion on previous lesson - Q&A / break** |
| **17:20 – 18:00 h**<br>Lesson 4 | **Industrial Communication in Process Industries and Use Cases**<br>• HART & Wireless HART<br>• HART-IP<br>• PROFIBUS-DP<br>• PROFIBUS-PA<br>• PROFINET<br>• MODBUS<br>• Ethernet/IP |
| **18:00 h** | **End of day 1** |

# Wednesday November 5th 2025

| | |
|---|---|
| **08:30 – 08:45 h** | **Q&A previous day** |
| **08:45 – 10:30 h** | **Industrial Communication in Process Industries and Use Cases** |
| Lesson 4<br>Part 2 | • HART<br>• Wireless HART<br>• HART-IP<br>• PROFIBUS-DP<br>• PROFIBUS-PA<br>• PROFINET<br>• MODBUS<br>• Ethernet/IP |
| **10:30 – 10:50 h** | **Coffee break** |
| **10:50 – 11:30 h** | **Industrial Communication in Process Industries and Use Cases** |
| Lesson 4<br>Part 3 | • See above |
| **11:30 – 11:50 h** | **Discussion on previous lesson - Q&A / break** |
| **11:50 – 12:20 h** | **Field Device Integration** |
| Lesson 5 | • EDDL<br>• FDT<br>• FDI |
| **12:20 – 12:35 h** | **Discussion on previous lesson - Q&A / break** |
| **12:35 – 13:35 h** | **Lunch** |
| **13:35 – 14:25 h** | **• Namur Open Architecture (NOA) and PA-DIM** |
| Lesson 6 | • Motivation<br>• How it works<br>• Architecture |
| **14:25 – 14:40 h** | **Discussion on previous lesson - Q&A / break** |
| **14:40 – 15:25 h** | **Ethernet APL** |
| Lesson 7 | • Motivation<br>• How it works<br>• Architecture |
| **15:25 – 15:40 h** | **Discussion on previous lesson - Q&A / break** |
| **15:40 – 16:00 h** | **Coffee break** |
| **16:00 – 16:30 h** | **PIA-Link®** |
| Lesson 8 | World wide commissioning & verification of transmitters |
| **16:30 – 16:40 h** | **Discussion on previous lesson - Q&A / break** |
| **16:40 – 17:30 h** | **Participants' projects, summary & feedback**<br>Paticipants are encouraged to present own projects to discuss (concerning topics of last two days). |
| **17:30** | **End of day 2** |

# Speaker

### Kurt Polzer - Polzer Automation Solutions

Kurt studied Mathematics at KIT and gained expertise in software development, product management, and business development at Siemens. He worked in areas like process instrumentation, process control systems, SCADA systems and communication. As a product owner, he developed SIMATIC PDM (Process Device Manager) and a web server for remote measurements. Kurt also conducted technical workshops for the process control system from Siemens and designed and built demo systems for fairs.
He represented Siemens in various working groups (VDI/VDI GMA, PROFIBUS International and the HART Communication Foundation) and became a Siemens Certified Professional for Industrial Networks.

After retiring, he founded Polzer Automation Solutions. He built demo systems for FieldComm Group to present most of their technologies, like HART, HART-IP, WirelessHART, FDI and PA-DIM including design, commissioning and use cases. For Ethernet-APL he built a second system and integrated Process Control Systems, Power and Field Switches and Ethernet-APL field instruments from leading suppliers in the process industries, ProfiNet, Ethernet/IP, HART-IP and OPC-UA. Both systems have been presented at the ACHEMA 2022.

Kurt developed a training on digital transformation for sales people, product managers, engineers and other interested parties in the Process Industries. The training focuses on the basics of local and global communication, industrial communication protocols and integration from the field level to higher systems and even to the cloud. Kurt has been a PECB certified NIS 2 Directive Lead Implementer since January 2025.

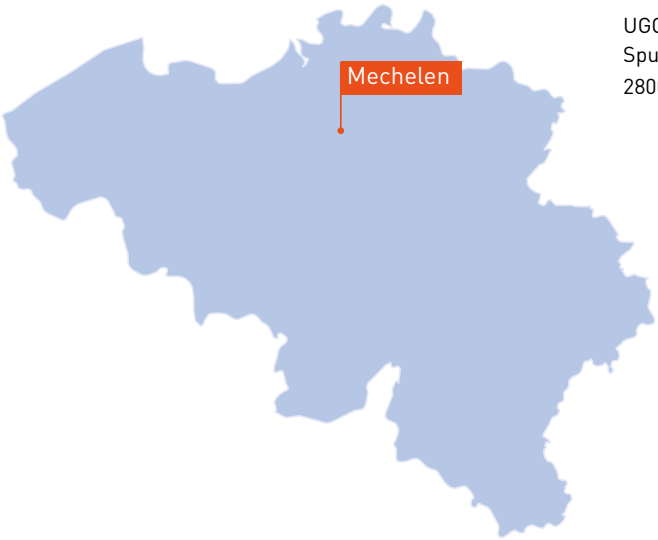
# Organiser

### KROHNE

KROHNE is a global leader in the development and production of innovative and reliable measurement technology, offering measurement solutions for all conceivable industries. KROHNE is your partner for flow, level, pressure, analysis and temperature measurement instrumentation.

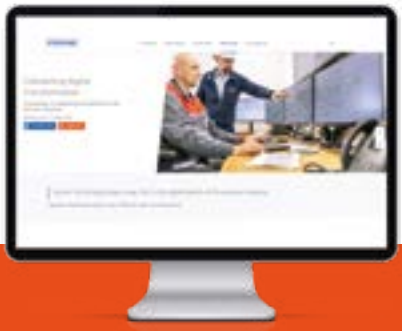
www.krohne.be

# Event location




**Mechelen**

UGC Cinema
Spuibeekstraat 5
2800 Mechelen



Register here :
krohne.link/academy-digital-transformation-be

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www.krohne.com