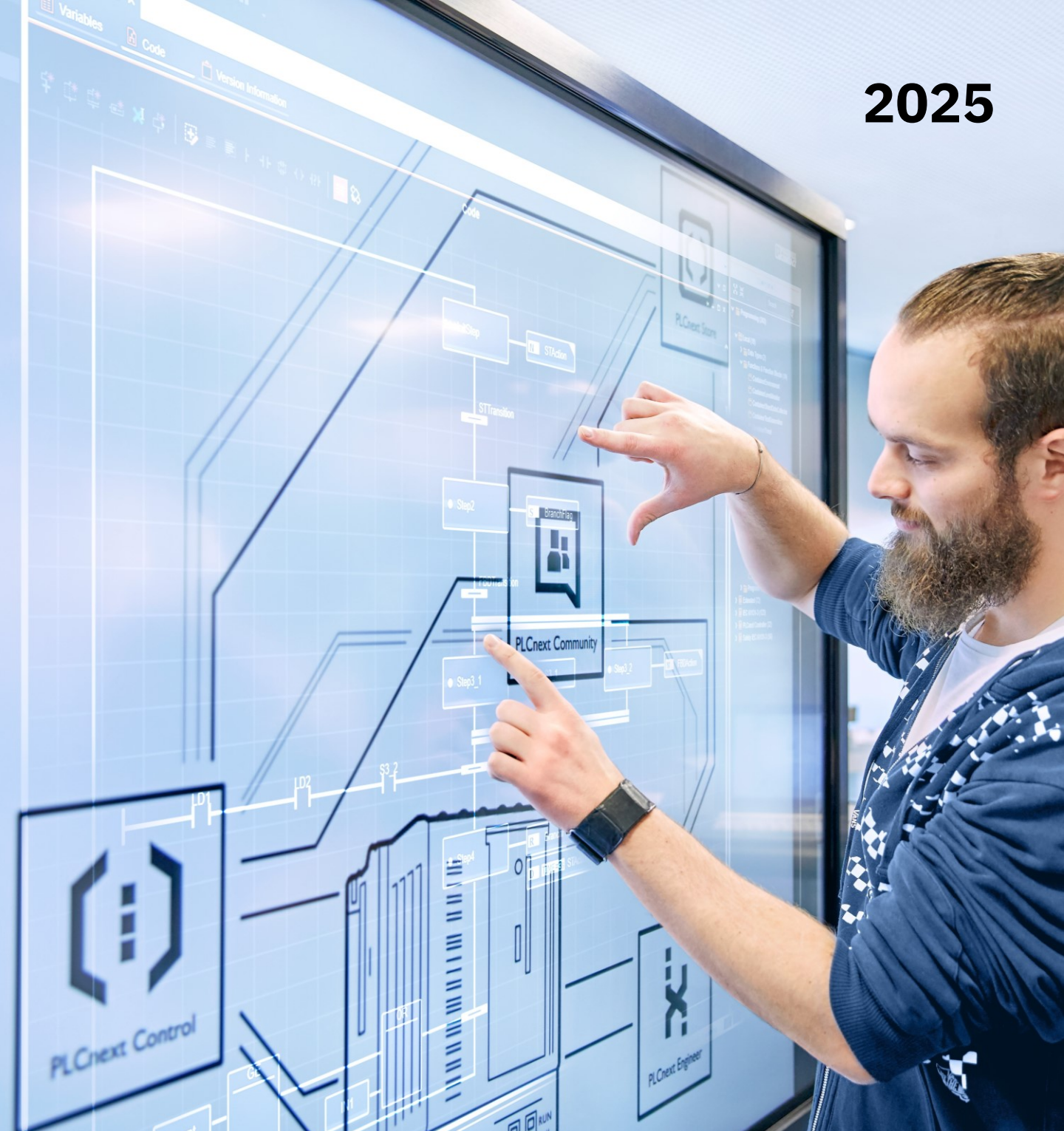
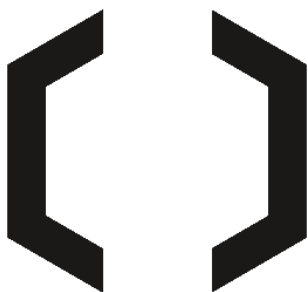


2025



Phoenix Contact Australia & New Zealand

PLCnext Lab – PLCnext Technology Training



PLCnext Technology 
Designed by Phoenix Contact



The PLCnext Technology Ecosystem

As innovation cycles shorten, automation systems must be able to be adapted ever more quickly in the future.

For many companies this means a change in thinking, changes in processes and other approaches. For example, know-how will have to be purchased more often in the future and many further developments and innovations will be created primarily by communities and the creativity of many idea providers. Flexibility and efficiency will become the most urgent requirement for us all. That means, reuse what has already been developed and proven, and maximum openness. Openness in thinking and openness of systems.

That's why we have developed PLCnext Technology. PLCnext Technology is the open ecosystem that expands the use of a PLC in ways that will change the future of industrial automation.



PLCnext Control

It combines all the basic functions needed for configuration, programming in accordance with IEC 61131-3, visualisation, and diagnostics. In addition, this software also allows you to easily connect high-level language code to the standard application.



PLCnext Store

PLCnext Community are the people around PLCnext Technology. Join the PLCnext Community and get involved. Meet new, similar-minded people, share experiences, discuss new ideas, ask a question, or talk to one of our experts.



PLCnext Community

PLCnext Control are the hardware of PLCnext Technology and offer an open Linux environment with access to more data via IoT systems and more flexibility. In addition to standards such as IEC 61131, the combination of programming languages such as C/C++, C#, Python and NodeRed are also possible.



PLCnext Engineer

The PLCnext Store is the digital software marketplace for automation solutions. It provides you with software applications that enable you to expand the functions of the PLCnext Control device directly and easily.



Training Content

Enter the open world of PLCnext Technology and let yourself be inspired by the functionality, the operation and the extraordinary performance!

The training offering is fully based on the PLCnext Starter Kit hardware and Overall Equipment Effectiveness (OEE) concept to show to the participants on how to get the most out of the technology, with all its features and, openness and limitless automation.



More information and registration, access the link
<https://www.phoenixcontact.com/en-au/plcnexlab>



Training Offerings

Certified Training

1(one) participant per Training kit

BYOD - PLCnext Starter kit for purchasing at reduced price for participants

Fundamentals – L50	Introductory – L100	Professional – L200	Expert – L300
1 day training	eLearning Platform	2 days training	2 days training
<ul style="list-style-type: none"> ✓ Industrial Automation basics ✓ PLC basics ✓ Introduction to IEC 61131-3 programming languages 	<ul style="list-style-type: none"> ✓ PLCnext Technology Basics ✓ PLCnext Engineer Basics ✓ PLCnext Engineer eHMI <p>Access the link: Learning about PLCnext Technology (plcnext-community.net)</p>	<ul style="list-style-type: none"> ✓ PLCnext Engineer Basics ✓ User management ✓ Firewall ✓ configuration (IEC 62443) ✓ IEC 61131-3 ✓ Web Server Interface ✓ OPC UA ✓ Proficloud ✓ HMI 	<ul style="list-style-type: none"> ✓ Linux Basics ✓ Ethernet/IP and Modbus Integration ✓ C++ /C# Integration ✓ NodeRed Integration ✓ Python ✓ MQTT ✓ Edge Gateway ✓ REST ✓ gRPC ✓ Alarms

Ongoing communication with customers and partners worldwide

Phoenix Contact is a global, market leader based in Germany. Our group is known for its future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation.

With a global network reaching across more than 100 countries and 17,400 employees, we can stay in close contact with our customers, something we believe is essential to success. The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for multiple applications and industries. We especially focus on the fields of energy, infrastructure, process, and factory automation.



You will find our complete product range at:
www.phoenixcontact.com.au

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