

PROFInyheter

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in English

See the PDF-version at se.profibus.com

PI Sweden

The annual meeting of PI Sweden will be held on 28:th of March

After more than 30 years as the leading association for industrial communication in Sweden, the association will hold its 32nd annual meeting on March 28th.

PI Sweden was founded in 1993 and we are and have always been among the largest and most active PROFIBUS/PROFINET associations in the world. The association gained 4 new members in 2024.

Last year we broadened our service to Swedish industry with:

A new knowledge center, PICC, for PROFINET: RT-Labs,

A new education center for PROFIBUS7/PROFINET: HMS, which also offers certification courses for engineers and installers.

The annual meeting is primarily for our member companies, but if you would like to participate, please send an email to:

kansli@profibus.se

Our accredited training centers, PITC, hold courses in PROFIBUS and PROFINET

ADÉPTOR holds both standard and Customized courses, including in-house courses:

PROFIBUS and PROFINET training
PROFIBUS Troubleshooting and Maintenance
PROFINET Introduction
PROFIBUS/PROFINET Troubleshooting

Click on the course above for more information.



holds scheduled courses in Halmstad and courses at customer's premises.
Upcoming courses:

April 07, 2025	HMS NETWORKS: CERTIFIED PROFINET INSTALLER (CPNI) - HALMSTAD, SE	Sweden English Swedish
April 08, 2025	HMS NETWORKS: PROFINET TROUBLESHOOTING & MAINTENANCE (PN TMC) - HALMSTAD, SE	Sweden English Swedish
April 09 - 10, 2025	HMS NETWORKS: CERTIFIED PROFINET ENGINEER (CPNE) - HALMSTAD, SE	Sweden English Swedish

Click on the course above for more information.

International News

Hannover Messe 2025

New technology demonstrations!

We look forward to seeing you in Hall 9, Stand D68!

Do you still need a free ticket?
No problem! - Register directly now!

Visit us in Hanover!



PROFINews up to issue 246

As an email newsletter, PROFINews is published once a month. As an APP, it is constantly updated with current news.

Together against Cybercrime

By the end of 2027, digital components may only be brought onto the market if they meet the requirements of the EU Cyber Resilience Act (CRA). Within the PROFINET spec, the work is done. But regardless of how protection concepts are structured, security solutions must be economically viable and easy to use..

[Read more.](#)



IO-Link in Robotics: Simple, Small, and Inexpensive

When IO-Link was specified, the founding companies had simple sensors and actuators in mind. It is now clear that IO-Link has enough technological potential to enable even more complex field devices to communicate.

[Read more.](#)

PROFINET Actuator Retrofit Increases Plant Sustainability

241 PROFINET-enabled electric actuators have been installed as part of a retrofit at Stockholm's largest combined heat and power plant, Kraftvärmeverk 1.

[Read more.](#)



PI Technologies for the Process Industries

The automation landscape in the process industry has often been characterized by rigid systems, which has meant that the introduction of new technologies or changes has progressed slowly. However, a wide range of technologies are now available for entry into a modern automation world.

[Read more.](#)

New Products

New products are announced every month in PROFINews. See the announcements for the three last months:

[New products in January](#)

[New products in February](#)

[New products in March](#)

**NEW
PRODUCTS**

New Events and Products

U-Phy as a pure software library for C/C++ and Python from RT-Labs

U-Phy for developing industrial devices with support for multiple industrial Ethernet protocols – all in one solution. U-Phy is now available as a pure software library for C/C++ and Python and works on both PC (Windows/Linux), as well as selected embedded processors from Infineon and Microchip, among others.

Protocols supported today (more are in the pipeline):PROFINET

- Modbus TCP
- EtherNet/IP
- EtherCAT (via hw coprocessor).

Fast and easy implementation U-Phy is designed to minimize integration time when developing industrial network devices.

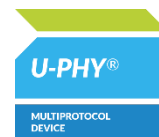
All protocols are configured in one tool, and the necessary configuration files (GSDML, EDS and ENI) are automatically generated. This eliminates time-consuming manual handling and makes it easy to get started. Flexibel – for both embedded and PC-based systems.

U-Phy works on both embedded systems and PC platforms, making it possible to develop everything from resource-constrained embedded devices to full-scale industrial systems on PC.

In many cases, a PC-based solution can be the most efficient route to a production-ready device, making U-Phy a powerful option regardless of platform. All in one solution – use only what you need.

U-Phy comes with all protocols and tools in one software library: – you pick the protocols you need, right when you need them. U-Phy is available for free download and can be used with full functionality for an hour at a time in an evaluation version.

You can find more information at: rt-labs.com/u-phy



[Are you a member of PI Sweden?](#)

Is your company a member? If not, click [here](#) and register.

As a member you have great advantages.

If you have products or services for PROFIBUS/PROFINET, you can present your company and your products on our website and in the international product guide.

Do you want technical documentation, you get a login and a password for the international website download page.

You can find more news about PROFINET, PROFIBUS, IO-Link and more at SE.profibus.com and in [PROFInews](#)

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