



RT-Labs Joins STMicroelectronics Partner Program to Accelerate Industrial Communication

Gothenburg, 2025-08-29 – RT-Labs, a leading provider of real-time software solutions for industrial automation, announces that it has joined the STMicroelectronics Partner Program to integrate its Ethernet-based industrial communication stacks into ST's development environments and microcontroller platforms.



By combining RT-Labs' protocol expertise with ST's widely adopted hardware platforms, this collaboration will enable developers to add advanced, standards-compliant industrial communication capabilities without starting from scratch. At the center of this integration is U-Phy, RT-Labs' multi-protocol platform, which provides a unified data model for handling multiple Ethernet-based protocols. This approach will simplify design, accelerate development, and ensure reliable real-time communication for industrial applications based on ST microcontrollers.

The ongoing integration aims to make protocols such as **PROFINET, EtherNet/IP, and Modbus TCP available to STM32 developers** through ST's tools and workflows, with support for additional protocols planned in future phases.

Partner Contribution

RT-Labs brings decades of expertise in real-time systems and industrial networking into the ST ecosystem. With a proven track record of delivering robust software stacks for mission-critical applications, RT-Labs ensures that complex industrial communication can be implemented with confidence and reduced risk. The integration with ST's development environments will provide developers with not only advanced protocol support but also the reliability, stability, and long-term maintainability required for industrial-grade solutions.

RT-Labs Quote

"Joining the ST Partner Program marks the start of a strong collaboration," said Krister Werner, CEO of RT-Labs. "We are working to integrate our U-Phy platform and industrial protocol stacks into the STM32 development environment, so ST customers can seamlessly implement PROFINET, EtherNet/IP, and Modbus TCP on their devices. This will make adding industrial connectivity faster, easier, and more reliable."

STMicroelectronics Quote

“RT-Labs knowledge of the ST portfolio and key expertise can help customers meet design challenges and shorten development time,” said Alessandro Maloberti, Partner Ecosystem Director, STMicroelectronics. *“ST’s review and vetting of ST Authorized Partners has enabled us to build a strong ecosystem of qualified and skilled partners who can enhance customers’ developments with advanced technologies and multiple services to accelerate the design of their projects and solutions.”*

STMicroelectronics, a global semiconductor leader serving customers across the spectrum of electronics applications created the ST Partner Program to speed customer development efforts by identifying and highlighting to them companies with complementary products and services. Moreover, the program’s certification process assures that all partners are periodically vetted for quality and competence. For more information, please visit www.st.com/partners

Marcus Ekerhult

CMO

marcus.ekerhult@rt-labs.com

RT-Labs is a development partner for industrial control systems. Our customers choose to work with us because our offering streamlines their product development, allowing new products to be launched faster, cheaper, and with better quality.