Overall, I was very impressed by the instructor's breadth and depth of knowledge, and the excellent ability to present this very complicated material. Without the instructor's special skills, I doubt that we would be as close to delivering and certifying the product as we are right now.

- Dmitry Gringauz, Banner Engineering

About the PROFI Interface Center

The PROFI Interface Center (PIC) was established in 1996 in Johnson City, TN to allow easy and direct access to PROFIBUS and PROFINET technology.

The PIC team provides you with a variety of useful services including seminars, integration support and device conformance testing for PROFINET and PROFIBUS. In addition, it supplies development products and assists you in developing devices – from initial design to certification testing.

The PIC is accredited through PROFIBUS and PROFINET International (PI) as an official Test Lab (PITL) for PROFINET device- and controller certification and PROFIBUS DP slave and master certification.

The PROFI Interface Center also serves as a certified Competence Center (PICC) as well as a certified Training Center (PITC) for PROFINET and PROFIBUS.

Visit our website at ProfiInterfaceCenter.com for more information, resources and tools.

PROFINET

DEVELOPER TRAINING

Define PROFINET Features

Create GSDML Files

Vendor Neutral

PROFI Interface Center

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Johnson City, TN 37604

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PROFINET
DEVELOPER TRAINING

Getting started on a PROFINET project can seem a bit complex. Questions crop up from the very beginning, and how you choose to answer them can impact your product over its entire lifecycle. Our PROFINET Developer Training is designed to help you weigh the factors that go in to the decision making process to help you create the product that your customers need.

Of course, once you make those decisions, you still have to create the actual product. We help guide you through each step of your PROFINET system design, from creating an application interface for end users to verifying your PROFINET network interface implementation. Along the way, we cover a host of subjects, ranging from interpreting specification documents to how most PROFINET network stacks operate.

Hands-on examples are the best way to learn about the real world of PROFINET industrial networks.
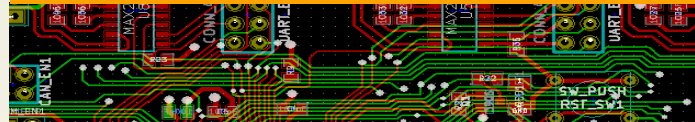
Course Highlights

Exclusive and confidential — only one customer per class.

Helps cut weeks off your development time.

Compliments Certified PROFINET Engineer Training.

Vendor neutral — can work with PROFINET software, hardware, and firmware from any supplier.

Students qualify for 16 professional development hours.

Prerequisites

Students should have successfully completed the Certified PROFINET Network Engineer course, or have a strong networking background and experience with TCP/IP stacks. Prior experience with industrial distributed I/O systems and Ethernet traffic analysis with Wireshark is highly recommended. Information about prerequisite courses can be found at Certified.ProfiInterfaceCenter.com

Pricing

The base price for training is $1,500 per day for up to two students here in Johnson City, TN. Classes are confidential and exclusive; we only teach to one customer at a time. On-site locations or larger class sizes will incur extra costs. Please contact us for a direct quote.

Syllabus

Every PROFINET development project is different, and we tailor the class to meet the needs of our students. But there are some common elements to the classes. Students will learn:

- How end users view and work with PROFINET devices

- How to turn marketing requirements into PROFINET product features

- How to create and optimize a PROFINET device GSDML file

- How data is modeled in PROFINET

- How the PROFINET protocol state machines work

- How to read the PROFINET specification documents

- How to use the PROFINET test suite to verify your design

- How to streamline the device certification process

Availability

We offer the Developer Training about once a month here in Johnson City, TN and can offer it on-demand or on-site by request. When possible, we also schedule Developer Training immediately after the PROFINET Certified Network Engineer course to allow students an immersive PROFINET experience.

For More Information

Please visit
OnDemand.ProfiInterfaceCenter.com

PROFI Interface Center