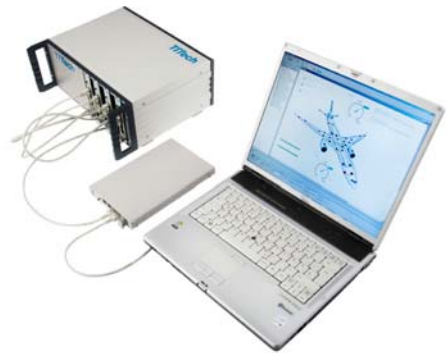


TTP Training



TTP - The Breakthrough Databus Solution

Attend the seminar and get to know TTP[®]. Or book an onsite workshop where you will learn how to use TTTech's development tool chain to create TTP-based systems and predictable time-triggered architectures. As the inventor of the time-triggered technology, TTTech is the best source for information about this exciting new way to create distributed control systems.

TTP Introduction Seminar – Online course

This one-day online-based course, consisting of two sessions of three hours each, focuses on providing knowledge of the concepts, services, and advantages of TTP. Participants learn about the principles of fault-tolerant distributed real-time systems and how TTP relates to the communication requirements in the industry.

- Introduce differences between distributed embedded computing vs. communication databuses
- Understand key elements of predictable, deterministic and fault-tolerant real-time communication
- Learn about advantages and restrictions of the time-triggered approach
- Examine mechanisms and features of time-triggered technology and its impact on system design
- Gain knowledge of distributed embedded computing and design principles required for time-triggered architectures
- Know more about protocol differences: ARINC 429, CAN, FlexRay, MIL-STD 1553B, TTP

Tools Workshop – On-site workshop

The two-day tools workshop, available on-site, is a tutorial with hands-on exercises for two different design processes: the Simulink-based approach and the two-level design approach. Participants work on PCs and learn how TTTech's tool chain is used for the design, implementation, and validation of TTP-based systems.

- Reduce time-to-market by modeling functions and time-triggered communication with MATLAB[®]/Simulink[®] and other third-party tools (SCADE)
- Master design of key system interfaces and communication scheduling
- Introduce TTP-based system architecture design
- Minimize effort for design of fault-tolerant systems by distributing and replicating functions
- Exploit design of fault-tolerant distributed systems using fault-tolerant communication layer
- Enable seamless system integration, concurrent engineering and design sharing among OEMs, integrators and suppliers using available design tools

Application Workshop – On-site workshop

The one-day application workshop focuses on the design of a TTP-based distributed application.

- Build, compile, download and execute a compact demonstration application on hardware
- Get to know fault-tolerant software components according to time-triggered architecture
- Learn key aspects of fault tolerance and fault diagnosis
- Change the network design and application code to maintain intelligent distributed real-time systems

TTP Training Registration Form

Fill out this registration form and fax it to **+43 1 585 34 34-90**
 or email the signed form to training@tttech.com

Please tick off the course you want to attend – the dates are preliminary:

**TTP Introduction Seminar – Online Course, €300 (excl. VAT) per site
 (1 day – two sessions, 3 hours each)**

- January 20, 2010: 9:00 am – 12:00 pm and 2:00 pm – 5:00 pm,
 CET/Central European Time/Berlin

TTP – On-site Workshops

For Workshops outside the EU, please contact us six weeks in advance.

- Tools Workshop**
 Application Workshop

Registration Information

Registration should be made 21 days prior to the course. After receiving your registration, TTTech will send a confirmation and the course details. An accepted registration can be canceled up to 14 days prior to the beginning of the course. For any registration canceled at a later time, TTTech will be obliged to charge the full amount. The registered person can attend one of the upcoming courses free of charge. Substitutions can be made at any time. The course fee includes documentation material. TTTech reserves the right to cancel or reschedule a course for any reason up to seven days prior to its beginning. The course fee will be refunded to any registrants in case of cancellation by TTTech.

 First Name / Surname

 Company / Function / Department

 Street Address

 City / State / Zip Code / Country

 E-mail

 Phone / Fax

 Invoice to (if different from above) Name / Street Address / City / State / Zip Code / Country

To finish your registration please provide your **credit card information*** for the obligatory prepayment of the training.

 Cardholder

 Number

 Exp. Date

 Date, Signature

* TTTech accepts Visa and Mastercard. In case you have any questions concerning the payment please contact training@tttech.com