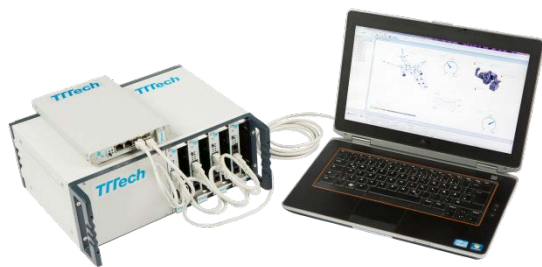




TTP Development Cluster

The Complete TTP System



Key Benefits

- ✓ Ready-to-go TTP system
- ✓ All necessary TTP software included
- ✓ Demo application included
- ✓ Includes on-site setup and quick start
- ✓ Real-time monitoring of TTP network
- ✓ Application loading over the TTP network
- ✓ Fast evaluation of TTP
- ✓ Supports time-triggered architecture

TTP Development Cluster is a complete and ready-to-run system for TTP prototyping and development projects. TTP Development Cluster includes the complete TTP software and hardware configuration package. It contains all TTP tools and embedded software needed by developers to work with time-triggered communication architecture. The toolset is designed for efficient and intuitive software development. Full on-site setup and quick start are included.

Hardware

TTP Development Cluster hardware is based on TTP Powerlinks - or optionally, TTP Pownodes - mounted on a rack and with one TTP Monitoring Node for real-time TTP bus monitoring and downloading functions. Each TTP Powerlink and TTP Pownode is equipped with an ams AS8202B TTP communication controller. In addition to TTP, a broad variety of interfaces is supported: CAN, digital I/O and analog inputs. TTP Development Cluster can be ordered in configurations from 4 to 64 nodes.

The package also includes a one-day on-site quick start where all the hardware and software is installed and made ready-to-go for development.

Software

TTP Development Cluster includes all necessary TTP Tools and embedded software.

The system engineer defines the network and communication requirements using TTP Plan. Based on these requirements, TTP Plan creates the network schedule.

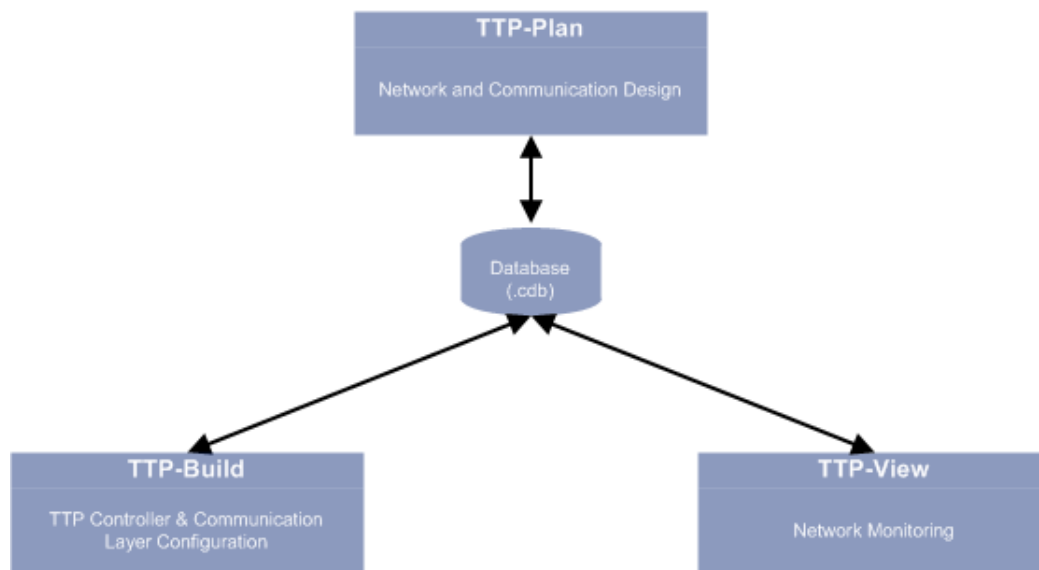
In TTP Build, the designer provides additional implementation-specific information and generates the configuration tables for the communication layer and the MEDL.

TTP Load can quickly download new software to all nodes in the system. TTP View provides real-time monitoring of the network.



Application Fields

- Technology Evaluation
- Product Testing
- Architecture Development



General Product Features	4 ^{TTP} Powerlinks/ ^{TTP} Powernodes on a rack 1 ^{TTP} Monitoring Node with housing and power supply
Software Tools	^{TTP} Development Cluster includes single-seat licenses for the following software: <ul style="list-style-type: none"> • ^{TTP}Plan and ^{TTP}Build • ^{TTP}Load and ^{TTP}View Demonstration software
System Requirements	Standard PC with Windows; 1.5 GHz or above; 1 GB RAM Wind River Compiler Lauterbach Debugger (recommended)
Power Requirements	110 to 240 V, 50 to 60 Hz; max: 100 W
Dimensions	132 x 240.7 x 341 (in mm)
Weight	6.000 g
Order Number	12000: ^{TTP} Development Cluster with 4 ^{TTP} Powerlinks 12002: ^{TTP} Development Cluster with 4 ^{TTP} Powernodes
Recommended Additional Products & Services	12006: 1 year software maintenance service 12024: Additional ^{TTP} Powerlink 12022: Additional ^{TTP} Powernode



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