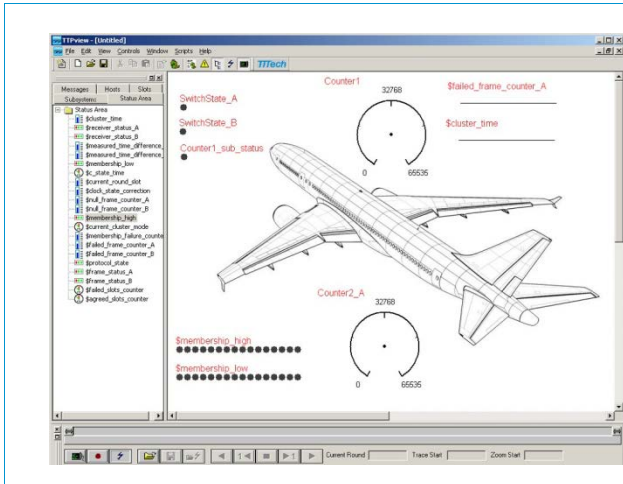




TTPView

The TTP Real-Time Monitoring Tool



Key Benefits

- ✓ Fast verification of a TTP network
- ✓ Intuitive visualization of network traffic
- ✓ Quick debugging of application data
- ✓ High-speed bus monitoring
- ✓ Tracing, recording and play-back
- ✓ Easy-to-use graphical user interface
- ✓ Powerful scripting language
- ✓ Export of data

TTPView is a comprehensive tool for high-speed bus monitoring. A broad range of flexible configurable visualization instruments enables the user to build specific views of the monitored cluster. An easy-to-use graphical user interface allows on-line tracing, recording, and playing back of TTP® traffic on a computer. Real-time triggers, export of recorded data, and a powerful scripting language to automate tasks and process message data make TTPView the tool of choice for TTP monitoring.

Basic Features

TTPView can be used to analyze the data transmitted over a TTP network in real-time by using the imported cluster design information from TTPPlan. The graphical user interface provides easy navigation and browsing through logged data. In addition, batch mode (command line) execution enables the integrated automation of regression test environments.

TTPView collects all information via the TTP Monitoring Node, which is synchronized with the cluster. The second interface of the TTP Monitoring Node is connected to the computer via standard Internet protocols, thus supporting Windows-based workstations and laptops.

Real-Time Monitoring, Logging and Analysis

TTPView enables the recording of all real-time TTP network data on a disk. This enables the user to make detailed offline analysis and to search for points of interest. Furthermore, all or any subset of the recorded data can be exported in various formats, so it can be processed by spread sheet programs or other validation tools. For this purpose, TTPView offers a programming/scripting interface. These features ease analysis, debugging, customization and automation of TTPView. The data is displayed in a synchronous fashion, based on the access scheme of TTP. This enables an analysis of complex interrelationships among the messages.

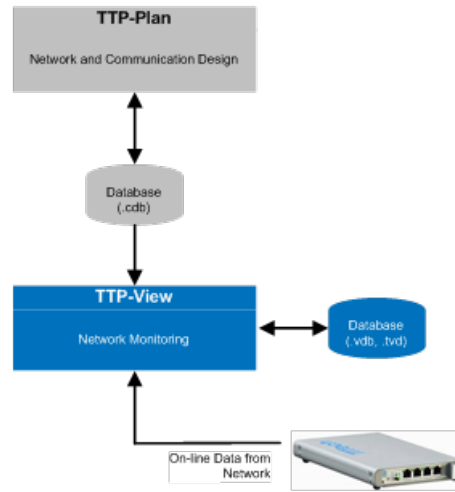


Application Fields

- Technology Evaluation
- Product Testing
- Architecture Development

Related Products

- TTPView needs a cluster design database from TTPPlan
- TTPView requires a TTPMonitoring Node. The TTPMonitoring Node is a gateway between TTP and Ethernet and provides the data to TTPView



<p>General Product Features</p>	<p>Real-time monitoring and logging to file Navigation and zooming for trace data Access to cluster design data base Triggers to start and stop recording and stop monitoring depending on user-defined conditions Unpacking bus messages Ethernet connection to TTPMonitoring Node via standard Internet TCP/IP protocol TTP multiplexing support Handling of redundant message instances Support for array-type messages Easy-to-use graphical user interface with drag-and-drop Hierarchical object browser Multiple views Variety of visualization instruments User-defined background images Flexible configuration of views Flexible data export Batch mode execution Flexible programming/scripting interface (Python) Support for the ams AS8202B TTP communication controller</p>
<p>System Requirements</p>	<p>Standard PC with Windows; 1.5 GHz or above; 1 GB RAM 100Base-TX to link to TTPMonitoring Node for TTP controllers based on C2 model TCP/IP required</p>
<p>Order Number</p>	<p>12010: TTPView 12017: 1 year software maintenance service</p>



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