

Spirent Automotive ComTT

Universal Test Platform for In-Vehicle Communication Simulation and Testing

Hardware Features

- Test ports
 - 4x 10/100/1000 Mbit/s SFP based Ethernet ports
 - 16x CAN-FD
 - 1x Single-Wire CAN
 - 1x Fault-Tolerance CAN
 - 2x LIN
- Management & power
 - 5 USB ports
 - 1 Ethernet port
 - 1 Display port
 - Powerinput 6-36 VDC
12 VDC nominal
 - Storage 250GB SSD

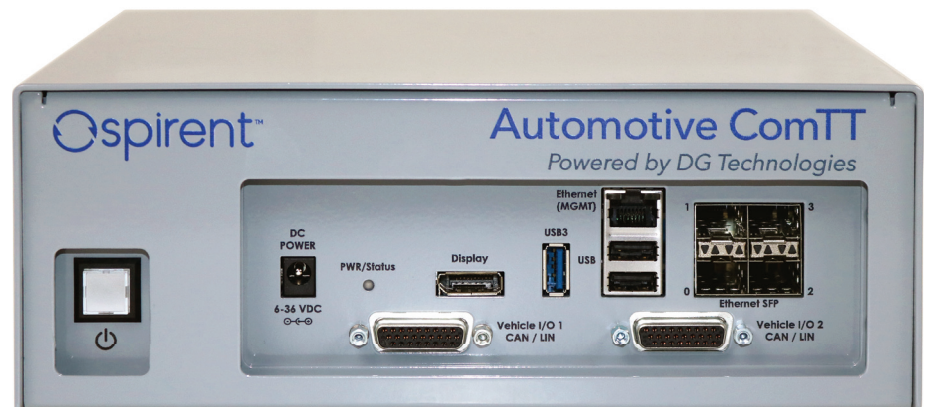
Software Features

- Pre-installed
 - Spirent TestCenter
 - TTworkbench Express
- Optional
 - OPEN SIG TC8 Package
 - AUTOSAR Package
 - Switch/Network benchmarking (RFC2544 & RFC2889)
 - ECU functional testing, data logging & analysis
 - TSN & Avnu test packages

Solution Overview

Test challenges of today's automotive engineering are not limited to specific technologies. Within modern vehicles, all kinds of communication paths are used, like Automotive Ethernet, CAN/CAN-FD or LIN, just to name a few.

It is not only the case that interfaces and communication protocols are combined, there is also the translation from one protocol to the other (Gateway function) happening in many Electronic Control Units (ECUs).



Spirent's Automotive ComTT solution combines different physical layer technologies on the hardware side with industry-proven software tools for full simulation and emulation of in-vehicle network communication. That way, users are able to perform multiple test methodologies like switch/network performance testing, protocol conformance testing, functional application testing and data logging & analysis.

Spirent Automotive ComTT can be used as a stand-alone solution (with connected display, keyboard and mouse). However, it can also be controlled remotely via Laptop, PC or virtual environments (free client software available).

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About Spirent Communications

Spirent Communications (LSE: SPT) is a global leader with deep expertise and decades of experience in testing, assurance, analytics and security, serving developers, service providers, and enterprise networks.

We help bring clarity to increasingly complex technological and business challenges.

Spirent's customers have made a promise to their customers to deliver superior performance. Spirent assures that those promises are fulfilled.

For more information, visit: www.spirent.com

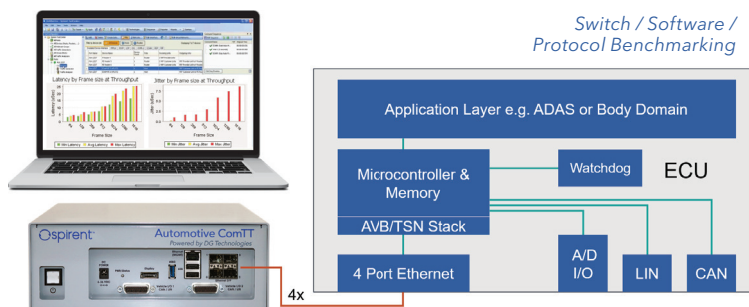
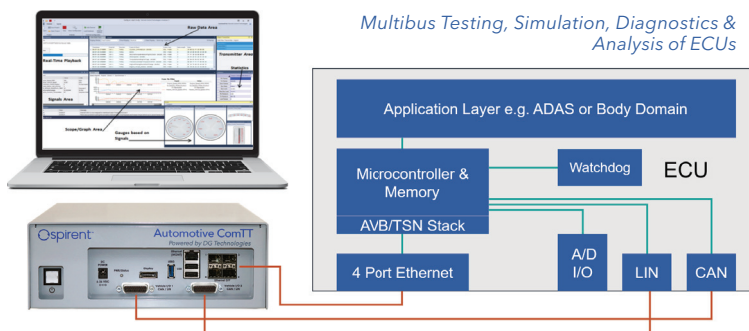
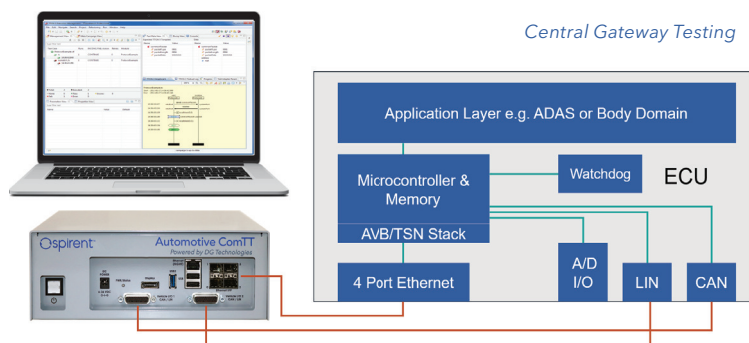
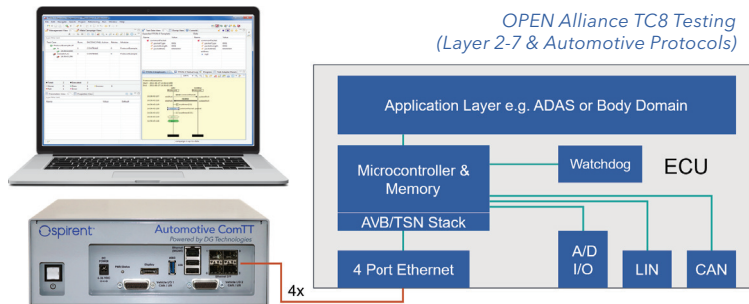
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Application Examples



Key Ethernet Test Types

- Conformance testing
- Negative testing
- Performance Testing