

TTCControl launches TTC Vision

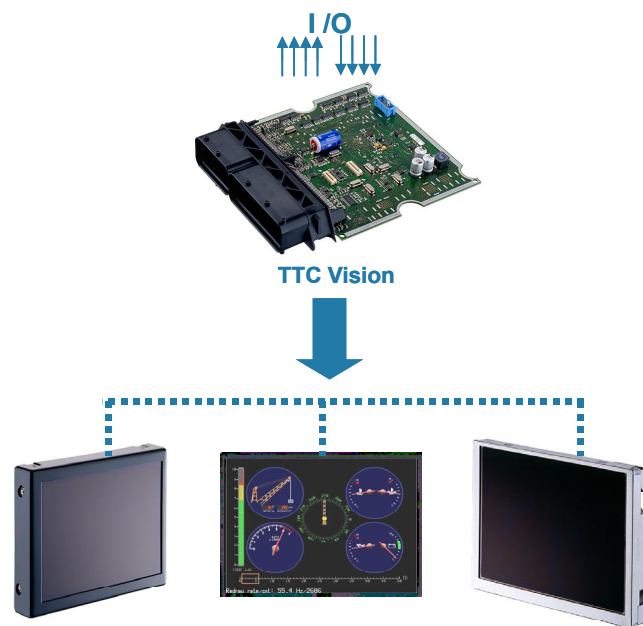
TTCControl Releases TTC Vision – A Flexible Solution for Display Control

Brixen, Italy – January 25, 2005

TTCControl has introduced TTC Vision, an innovative and powerful visualization unit. TTC Vision is the first unit for display control worldwide that supports both CAN and TTP® (Time-Triggered Protocol) bus solutions.

TTC Vision is designed specifically for use in vehicles and machines that run in harsh environments and at extreme operating temperatures of -40 °C to +70 °C. Its robust injection-molded aluminum housing protects against electromagnetic disturbance and mechanical stress by combining protection degree IP 65 or optionally IP6K9K, and GORE-TEX® membrane for pressurization.

TTC Vision can connect with both CAN and TTP networks. TTP is designed specifically for networks with demanding safety, reliability and availability requirements. TTC Vision is thus suited for use in complex networked safety-critical systems. Additional communication interfaces for RS-232, RS-485, and LIN are available.



TTC Vision provides both a Low Voltage Differential Signaling interface (LVDS) and a PAL/NTSC interface and is therefore adapted for the control of various display types. Customers can choose the most suitable display from a great variety of models, ranging from 5" black/white to 10.4" color LCDs. The user can interact with the control unit in three ways: by keyboard which is connected to TTC Vision via the LIN bus, by encoder, or by touch panel connected to TTC Vision via an RS-232 interface. In addition to the interfaces for display control, TTC Vision has a 1-Wire® interface, 26 digital inputs, and 24 digital outputs for controlling switches and lamps in cockpits.

TTC Vision provides a convenient and economical platform for rapid development of innovative graphical solutions. The package includes a variety of prefabricated elements such as bar charts or menu blocks that can easily be integrated with the application. Screen editing is particularly flexible and powerful. In addition, elements may be imported from standard tools such as Adobe® Illustrator®, Adobe® Photoshop® or Corel DRAW®.

About TTControl S.r.l.

TTControl offers electronic control systems for special vehicles, such as agricultural and construction machinery, fork lifts, cranes, and snow groomers. TTControl's software and hardware platforms enable manufacturers of special vehicles to develop reliable electronic control systems quickly and economically. TTControl is a subsidiary of TTTech Computertechnik AG.

Further information on TTControl is available at www.ttcontrol.com.

About TTTech Computertechnik AG

TTTech Computertechnik AG is the leading supplier of technology and software products in the field of time-triggered systems and TTP[®] (Time-Triggered Protocol). TTTech products enable developers of automotive, aerospace, and industrial control equipment to deliver reliable embedded systems quickly and efficiently. TTTech's products comprise a complete software development environment for TTP-based systems, including hardware as well as TTP chip models. In addition, TTTech provides a broad range of services, from training courses on time-triggered technology to worldwide product and project support. TTTech especially emphasizes by-wire systems, integrated vehicle control systems, and driver assistance systems.

TTTech's subsidiaries – TTChip Entwicklungsgesellschaft mbH, TTControl S.r.l. and TTTech Germany GmbH – focus on designing chip models, developing electronic control systems for special vehicles, and validating system architecture with prototypes. TTTech North America Inc., TTTech Japan and TTTech Korea provide on-site engineering and sales support.

Further information on TTTech is available at www.tttech.com.

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