
Vision and Vision^{Plus} for improved reliability in mobile applications

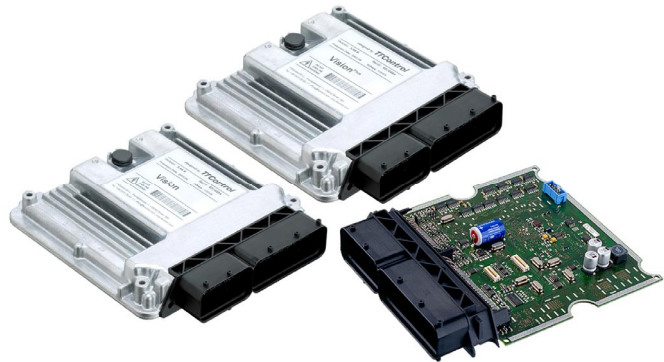
TTControl Offers Vision Product Family

Brixen, Italy – June 27, 2007

TTControl – TTTech Off-Highway, the specialist in electronic control systems for off-highway vehicles, has introduced the Vision product family for off-highway cockpit visualization. The Vision and Vision^{Plus} control units provide improved reliability for mobile applications as well as cost-efficient options for programming electronic control units.

Electronic control systems in off-highway vehicles need to operate under extremely harsh conditions. Stress due to shock, dirt, dampness and supply voltage fluctuation can compromise the reliability of operation.

The Vision product family 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. Vision and Vision^{Plus} offer powerful electronic solutions for off-highway cockpit visualization.



Both control units can connect with CAN and TTP[®] (Time-Triggered Protocol) networks. TTP is particularly appropriate for networks with demanding safety, reliability and availability requirements. Because of its compatibility with CAN and TTP, the Vision product family is well suited for use in complex networked safety-critical systems.

Vision and Vision^{Plus} can drive a variety of LCDs that are easily visible, day or night. The visualization for the displays can be programmed in C, CoDeSys[®] or with VAPS[®]. A variety of prefabricated elements such as bar charts and menu blocks can easily be integrated with the application, providing great flexibility. In addition, elements may be imported from standard tools such as Adobe[®] Illustrator[®], Adobe[®] Photoshop[®] and Corel DRAW[®].

Vision^{Plus} features a variety of digital I/Os. There are 26 digital inputs and 24 digital outputs for controlling switches and lamps in cockpits. The Vision control unit is a cost-efficient alternative that is offered without I/Os. Both units are equipped with an analog RGB interface and, for display control over longer distances, a digital LVDS interface.

About TTControl S.r.l. – TTTech Off-Highway

TTControl offers electronic control systems for off-highway vehicles, such as agricultural and construction machinery, fork lifts, cranes, and snow groomers. TTControl's software and hardware platforms enable manufacturers of off-highway 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 solutions in the field of time-triggered computer systems. TTTech's technologies and products, based on TTP® (Time-Triggered Protocol) and FlexRay™, improve the reliability of networked computer systems in the automotive, aerospace and off-highway industries. FlexRay solutions are offered by TTTech's subsidiary, TTTech Automotive.

Standard software and hardware products are complemented by worldwide product and project support to efficiently develop and implement distributed embedded systems. TTTech's product range enhances the approach to handle safety-critical data communication with respect to cost, safety, and development efficiency.

TTTech especially enables by-wire and integrated vehicle control systems and supports the reduction of system life-cycle cost and complexity.

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

Press Contact

Bettina Wallner
TTControl S.r.l. – TTTech Off-Highway
Kravoglstrasse 11
I-39042 Brixen (BZ), Italy
Tel.: +43 1 585 34 34-832
Fax: +43 1 585 34 34-90
E-Mail: pr@ttcontrol.com