Ethernet and Software Management for Off Highway Mobile Machines

STW announced that the version of their application-optimized, freely programmable central controller ESX 3CM with Ethernet can be programmed via that Ethernet interface.

NORCROSS, Ga. - **March 8, 2018** - *PRLog* -- STW, a premier provider for mobile automation, digitalization and electrification solutions announced that the version of their application-optimized, freely programmable central controller ESX 3CM with Ethernet can be programmed via that Ethernet interface. This capability will also be available for the ESX 3CS, the ESX 4CS-GW and all future controllers.

The system uses the User Datagram Protocol (UDP) to communicate between Winflash and the controller. This allows engineers or technicians to flash the controller without the need for a CAN dongle, using only a standard Ethernet cable. Moreover, the flashing occurs more rapidly and with less potential for complications.

As part of integrating its products across the three key solution areas of digitalization, automation and electrification, STW has embraced Ethernet and other fast networking technologies and employed them where they are best utilized to increase communication and ease of use, and to provide more rapid integration with other technologies.

The ESX 3CM is an innovative cost optimization freely programmable central controller from STW for your mobile automation and digitalization needs. Based on an extensive analysis of the mobile off highway machine market, the ESX 3CM was developed to support a large number of applications with several predefined configurations. With a total of 56 analog and digital I/O, ESX 3CM is designed as the central control unit for machine automation. The ESX 3CM is highly flexible through 20 multi-functional inputs, the functionality of which can be adjusted via software.

For more information on the ESX 3CM and its innovative Ethernet flashloading capability go to STW's website:
https://www.stw-technic.com/products/canbus-modules/freely-programmable/freely-programmable-off-highway-can-bus-controller-for-cost-optimization-esx-3cm/

About STW: STW (https://www.stw-technic.com/) is an award-winning, world class provider of mobile electronics and associated software for automation, digitalization and electrification of off highway vehicles, offering a full spectrum of solutions to a wide range of industries such as mining, construction, agriculture, material handling, transportation, military and oil and gas. STW solutions have attained a leading role in these industries due to their rigorous testing, high quality German engineering and unmatched flexibility. All of STW's products are mobile off-highway rated.

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