



STW Highlights Safety Certified Controllers at World of Concrete 2015



STW Technic will be highlighting Safety Certifying Controllers at the World of Concrete 2015 (booth C7072) along with innovative controllers, sensors and telematics technology.

NORCROSS, Ga. - Jan. 16, 2015 - [PRLog](#) -- Norcross, Ga. STW Technic, a premier manufacturer of mobile controllers and measurement technology, will be exhibiting at the **World of Concrete 2015 (booth C7072)** to showcase innovative controllers, sensors and telematics technology for off highway commercial vehicles and installations in the construction industry.

STW's (www.stw-technic.com) award winning controllers, sensors and telematics are highly regarded in the **construction industry** for their rigorous testing, high quality German engineering and unmatched flexibility.

Off-highway machines are facing increasing pressure to conform to **safety standards (EN 61506, SIL2, EN62061 SIL C2 and EN ISO 13849 PLd)**. Having a controls platform with safety certifications and many years of experience in safety applications can simplify the move to a safety-certified machine. STW, long a world leader in off-highway controls, has certified both its CoDeSys V3.5 and C platforms – the first to do so – and has been working in this area for many years.

STW employs a unique memory protection mechanism for the electronic control unit that allows the application software to access both standard and safety functions in parallel, and allows for control of both safety and standard I/Os on one control unit with the safety functionality protected from the interference.

STW has also implemented the CANopen Safety (ECoS) Protocol. Safety data can be transferred at system level between safety components, for example sensors and actuators, or across decentralized control networks. More information on STW's controllers can be found at:

<http://www.stw-technic.com/products/canbus-modules/freely-programmable/functional-safety-controllers-f-or-mobile-applications/>

In addition to safety controllers, visitors to STW's booth (C7072) will also will get a glimpse of STW's sensors and telematics solutions, which include telematics controllers along with an innovative, web based Vehicle Data System (VDS).

STW's Vehicle Data System is a highly flexible, customized telematics monitoring and management solution that provides all of its web-based functionality both locally, through a wifi connection to the TC3g, and remotely, through a server-based solution. The tool provides the capability to monitor vehicle or machine behavior by viewing or logging dynamic variables and then adjusting parameters, setpoints or thresholds if desired. Problems can be diagnosed and vehicle optimization executed without having an expert on-site. More information is available at:

<http://www.stw-technic.com/products/teleservice/vehicle-data-system/>

World of Concrete 2015 is being held at Las Vegas, Nevada from February 3 – 6.

About STW Technic: STW (www.stw-technic.com) an award-winning provider of a full spectrum of freely programmable controllers, I/O modules, pressure sensors and telematics to a wide range of industries such as mining, construction, agriculture and oil and gas. STW controllers, sensors, I/O modules and Telematics units 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. STW (www.stw-technic.com) is also in the forefront of developing and prototyping hybrid drive technologies – generators and motors – for mobile applications

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