

## DEUTA AMERICA



Trust™ technologies from Deuta allow for safe machine-to-human display of information and human-to-machine input.

### DEUTA AMERICA: Trust™ technologies

The complexity of human machine interfaces (HMIs) has resulted in an increasing worldwide trend to require safety-relevant functions on these devices. This is particularly true for critical train systems, like signaling and automatic or positive train control.

Deuta America's patented Trust™ technologies allow for the safe display of information (machine to human), such as actual and target speed and operating mode, as well as the safe input (human to machine) of movement authority, acknowledgements and selections. These functions are certified to SIL2/3 levels, company officials said in an email.

The integration of safety functions allows any specific area of a display to be used as a safety-relevant area. Deuta has an automated tool chain that produces a full validation

report automatically. No expertise is required, and the manufacturer does not have to be involved with development or changes, company officials said.