



WORLDWIDE Demand Moore Reliability

Moore Industries-International, Inc.

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New Moore Industries Video Spotlights MooreHawke TRUNKSAFE Fault-Tolerant Fieldbus System

NORTH HILLS, CA—MooreHawke, a division of Moore Industries, has released a new video highlighting its TRUNKSAFE Fault-Tolerant Fieldbus System. Available for viewing at the Moore Industries Interface Solution Video Library at <http://www.miinet.com/ProductInformation/InterfaceSolutionVideoLibrary.aspx>, the video shows how the system avoids costly shutdowns related to faulty FOUNDATION Fieldbus or PROFIBUS PA segments.

A shutdown at an oil refinery caused by a fieldbus segment going down can cost up to \$500,000 an hour. Until the introduction of TRUNKSAFE, the only way for engineers at oil refineries, natural gas sites and other locations to ensure a fault-tolerant, redundant fieldbus solution was to duplicate each piece of the segment including H1 cards, power conditioners, device couplers and field devices. Along with being cost-prohibitive, this method requires special software and complex programming.

The new video from MooreHawke shows how TRUNKSAFE uses two physical trunk cable “legs” to ensure that no single point of failure will shut down an entire network. The system’s Power Conditioners immediately detect, report and isolate a faulty fieldbus leg while allowing system communications to continue on the healthy leg. Simultaneously, the TRUNKSAFE Device Coupler detects the absence of DC power on the faulty leg and activates its Automatic Segment Terminator. This allows for normal fieldbus communications to continue while internal blocking circuitry prevents a short-circuit on one leg from affect the other leg.

This video uses a demonstration panel and animation to spotlight exactly how TRUNKSAFE works. It is one in a series of videos produced by Moore Industries and available at the Interface Solution Video Library highlighting the features and practical applications of its diverse product line.

More information about the TRUNKSAFE and other MooreHawke fieldbus solutions is available at the Moore Industries home page at www.miinet.com.

About Moore Industries-International, Inc.:

Based in North Hills, CA, Moore Industries is a world leader in the design and manufacture of rail, panel and field instruments for industrial process control and monitoring, system integration and factory automation. The company has direct sales offices in the United States and additional strategic worldwide locations in Australia, Belgium, the Netherlands, the People's Republic of China and the United Kingdom. The company serves a variety of industries such as chemical and petrochemical; power generation and transmission; petroleum extraction, refining and transport; pulp and paper; food and beverage; mining and metal refining; pharmaceuticals and biotechnology; industrial machinery and equipment; water and wastewater; and environmental and pollution monitoring.

For more information on Moore Industries, visit www.miinet.com.

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