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FOR DISTRIBUTION**White Paper from Moore Industries Details Benefits of Extracting Smart HART® Data**

NORTH HILLS, CA— According to the HART Communications Foundation, more than 30 million HART-enabled instruments are installed in process plants worldwide and the majority of process transmitters made today are HART compatible. Unfortunately the cost of installing a plant-wide HART monitoring system and the lack of familiarity with alternatives means that valuable HART data frequently goes unused.

A white paper from Moore Industries shows why this doesn't have to be the case. "Extracting HART Data from Smart Instruments" details how the use of a HART interface module such as Moore Industries' HIM can serve as a simple and cost-effective method for gathering HART information that can be used for monitoring instrument status, diagnostic data, alarms, calibration values and alert messages.

HART interface modules can be installed across any termination point on a 4-20mA process loop without interfering with the analog signal to the control system. It can be configured to extract or read the HART variables from the field transmitter. It "strips out" these process variables from the HART digital signal, converts them to 4-20mA and discrete signals and sends that data to the process control system or other receiving devices. Process variables that are commonly transmitted by HART interface modules from multivariable transmitters include mass flow, temperature, pressure, differential pressure, density or volumetric flow and more.

HART interface modules can also be used by engineers to monitor critical transmitters and applications. For example, a HART alarm can be set to monitor diagnostic data from a critical process transmitter when it is reconfigured or a field device malfunction occurs. HART interface modules can also be used for valve monitoring, emergency shutdown (ESD) valve testing, monitoring multi-dropped instruments and even converting HART data to MODBUS RTU protocol.

The "Extracting HART Data from Smart Instruments" white paper can be found at the "White Papers and Articles" section of the Moore Industries website 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.