

Moore Industries, 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, continues its investment in developing rugged and field hardened instrumentation for the process control and automation industry. Bridging the gap between the plant floor and higher-level information and control systems requires products that can endure extreme ambient temperatures and noisy (RFI/EMI) plant environments.

or centralized level by PLCs (Programmable Logic Controller) or BPCS (Basic Process Control System) is quickly changing. These systems were never intended to deal with the amount of data they would have access to in the near future. There are newer ERP, MES and asset management systems that collect some of this data now, but the more critical challenge that facilities face is manpower and tight project budgets. So the challenge remains: how do existing and new manufacturing facilities find a cost effective way to get critical plant floor data up to higher level information systems?



HES HART to Ethernet Gateway System

The introduction of industrial Ethernet networks in process manufacturing plants and automation facilities has meant that data exchange in a facility and across global corporate networks is becoming commonplace. This free flow of information has introduced new possibilities for using the copious amounts of data in existing field devices in an IIoT (Industrial Internet of Things) context or Smart Factory (Industry 4.0) setting.

The typical process control model that involves decision making at the local

“Making HART data easily available over Ethernet infrastructures enables our customers to get the most out of their new and existing installations.”

The answer is to take advantage of the digital HART data already installed but either didn't know was there or couldn't afford the equipment upgrades to gain access to it. The HART digital signal found in most smart field instruments often contains additional process variables that may include instrument status, diagnostic data, alarms, calibration values and alert messages. A simple and cost-effective solution for gathering HART information is to use a HART interface device that supports Ethernet.



Scott Saunders

Chief Executive Officer,
Moore Industries-International, Inc.

Standalone gateways like the HES HART to Ethernet Gateway System provide an economical pathway to extracting HART data from field devices.

- Multiplex up to 64 HART instruments to each HES and share instrument diagnostics and data with your control and information systems over Ethernet
- The HES communicates with all HART 5, 6 and 7 devices including smart valves, multivariable flowmeters, pressure, pH, level, and temperature transmitters and more.
- The HES supports enhanced techniques to mitigate cybersecurity breaches by preventing unauthorized configuration access with hardware solderless jumpers and software communication socket restrictions.

MOORE INDUSTRIES
WORLDWIDE

info@miinet.com • 800-999-2900