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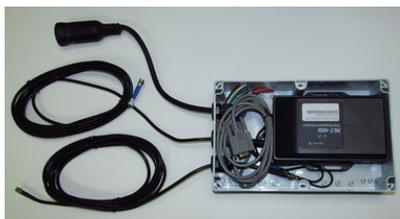


ICP DAS USA Integrates Data Acquisition Products in Teletrac Navman’s Fleet Management Technologies.

Teletrac Navman specializes in vehicle and equipment tracking using their proprietary software which collects data including GPS position and engine parameters communicated via J1939 protocol. Fleet managers are constantly finding new ways to build a stronger, more efficient fleet. By Teletrac Navman teaming with ICP DAS USA, they were able to develop a program that monitors their fleet of rental compressors for their clients.



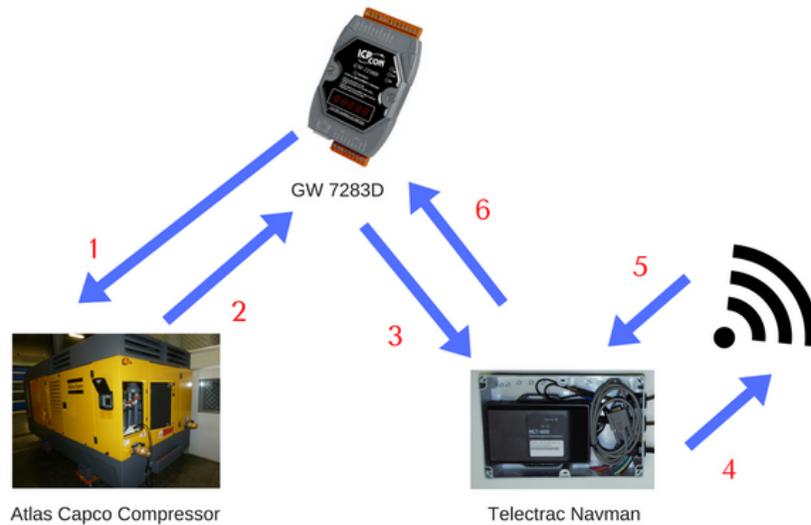
The Teletrac Navman Telemetry software would monitor position and compressor parameters like usage (hours of operation), engine parameters and diagnostic information remotely using the Iridium satellite network to locate assets around the planet. The problem that they encountered was that the compressors were only able to communicate via Modbus while the Teletrac Navman interface was only able to communicate via J1939 protocol. Introducing the ICP DAS product enabled Teletrac Navman with modbus capability overnight. ICP DAS' ability to quickly optimize the product to match Teletrac requirements was priceless.



ICP DAS, specializing in Data Communication products for automation, offers gateways and converters from most protocols (Modbus, CAN, Profibus, Ethernet IP) and communication interfaces (RS-485, RS-232, CANbus, Fiber). By implementing ICP DAS' GW-7238D, it allowed a gateway that provided a conversion between J1939 and Modbus TCP/ Modbus RTU protocol. Its gateways provide a communication between 2 protocols, bridging the gap between one protocol's Master device and another protocol's slave devices by mapping of one protocol's registers or commands to a corresponding set of registers or requests.



Making Data Acquisition Easy



In addition to ICP DAS gateways, it offers programmable controllers which can be programmed to communicate between devices connected to its com ports or via Ethernet port. These com ports and Ethernet ports can be configured to communicate to other devices which have various protocols or message structures. The most important requirement being that the controller has the correct type of communication port or ports if communicating to devices which have different protocols. These controllers can be programmed using many standard C programming environments.

Established in 2001, ICP DAS USA is a manufacturer of cutting edge industrial automation and control hardware and software. It offers a broad range of flexible and cost-effective total solutions for various industries, including energy and power, factory and machine, agriculture, aerospace, oil and gas, etc. Its products range from M2M and “Internet of Things” (IoT) controllers and protocol converters to remote data acquisition I/O modules that support a variety of communication protocols including Modbus RTU, Modbus TCP, CAN bus, Profibus, Profinet, Ethernet/IP, HART, EtherCAT, DeviceNet, BACnet, and Wi-Fi.

To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit our website at www.icpdas-usa.com, or give us a call, toll free, at 1-888-971-9888 and one of our engineers would be happy to assist in reviewing the project requirements, ensuring that the highest quality solution is presented in your final application.