ANTX RELEASES INTEGRATED CANBUS - CELLULAR WIRELESS MONITORING SYSTEM

**Messenger monitors 32 J1939 PGNs, reporting
to Internet applications based on exceptions and time**

AUSTIN, TEXAS... Antx, a leading provider of real-time monitoring, control and alarm notification systems has released the Messenger, an industrial monitoring system that combines, GPS, GSM, CDMA cellular or Satellite modem, Controller Area Network (CAN)bus communication and alarm notification.

The Messenger is an OEM solution that monitors up to 32 different Parameter Group Numbers (PGNs) using the J1939 protocol at rates up to 1.25Mbit/sec. Individual values are extracted from each PGN, used in calculations, compared to limits and passed to Internet-based applications, using your choice of UDP or TCP protocols.

Enclosed in a Deutsch industrial water-tight enclosure, the Messenger is small enough to fit in the palm of your hand. Typical monitored conditions are: diagnostic messages, rpm, engine hours, oil and coolant temperatures and pressures, location and fuel level. Sample computed values that are reported include: engine service interval and daily run time. Unique features of the Messenger include continuous comparison to 2 sets of limits for each condition monitored, exception-based and time-based reporting, real-time operating system, extreme low power mode based on user-defined conditions like no RPM and over the air (OTA) remote configuration changes via SMS commands.

Equipped with cables, the Messenger connects directly to the diagnostic port on diesel engine-based equipment using the 3- or 9-conductor Deutsch connector. The Messenger typically reports to Internet applications on a time-basis and on user-defined events, like receipt of a DM1 diagnostic message, or fuel level at 25%.

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For applications that have equipment controllers in addition to Electronic Control Units (ECUs), the Messenger offers serial ports for communication with the equipment controller to monitor conditions and to provide remote access for updates or changes.

Over-the-air applications allow user's to connect to the internal menu system of the Messenger for performing remote programming, pass-thru communication to attached equipment controllers and review/uploading of the internal event and data logs.

Users can change the Messenger's operation either locally via a serial connection, or remotely over-the-air using SMS.

"Ease of deployment, installation, and maintenance make the Messenger an ideal solution for monitoring today's diesel engine-based equipment." says Stephen Allen, President of Antx. "The Messenger simply plugs into the diagnostic port on your diesel equipment and starts transmitting the OEM-specified information in the OEM-specified format to an Internet-based application. For support personnel, the Messenger provides instantaneous notification of diagnostic messages from in-the-field equipment, dramatically reducing the time to get support where it is needed – even before the end-user knows there is a problem." Allen continues, "If changes to the Messenger configuration are needed, they can be adjusted by sending SMS commands or by performing over-the-air communication directly with the Messenger's menu system."

Target markets for the Messenger include heavy duty construction & agricultural vehicles, compressors, generators, pump systems, and all diesel engine-based systems supporting J1939.

Antx provides a complete line of products for remote monitoring applications from low-cost landline-based to cellular systems capable of monitoring hundreds of unique conditions. Based in Austin Texas Antx has an installed base of over 50,000 monitoring installations and 2,000 customers.

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