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For Immediate Release

ProtoCessor ProtoNode Low Cost, High Performance Modbus/BACnet/ LonWorks Protocol Gateway

Quick, easy protocol interoperability for OEMs

January 26, 2009 – The new ProtoNode Modbus/BACnet/LonWorks protocol gateways from the ProtoCessor group of FieldServer Technologies is designed for equipment manufacturers needing a quick and easy path to enable their new and legacy devices to interface with Building and Energy Automation networks.

ProtoNode is based on an ARM 9 processor which provides extremely fast network protocol translation. The standard connectivity is via two RS-485 ports plus an Ethernet port. Optionally, a LonWorks port is also available for serial/Ethernet/LonWorks protocol translation. The advantages of ProtoNode are:

- ✓ ProtoNode has entered BACnet BTL testing. BACnet BTL certification is pending.
- ✓ DIP switches for fast installation: Sets MAC address, Node-ID, and Baud Rate on RS-485 port. Auto Baud is supported on BACnet MS/TP.
- ✓ BACnet COV support provides fast data communication while reducing the traffic over a BACnet network.
- ✓ Multi-protocol support on single ProtoNode for flexibility as networks change in the field.
- ✓ The ProtoNode provide protocols translation between any of these protocols Modbus RTU, Modbus TCP, BACnet MS/TP, BACnet/IP, JCI Metasys N2, DNP3, and Allen Bradley EtherNet IP.
- ✓ Virtual node capability to allow multiple OEM controllers to connect to single ProtoNode.
- ✓ Flash upgradable.
- ✓ All necessary hardware and software included for fast and easy installation.

With access to the extensive FieldServer driver library, plus ProtoCessor's experience in protocol translation, ProtoNode is the best connectivity solution for OEM's seeking to interface to foreign networks.

For more visit www.protocessor.com

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About ProtoCessor and FieldServer Technologies

FieldServer Technologies, a wholly owned division of Sierra Monitor Corporation based in California, designs and markets a broad line of devices that enhance communication between various instruments, systems, machines and other devices that utilize non-compatible data protocols. The FieldServer combined with the extensive driver library makes the perfect package to achieve interoperability. Drivers included in this library are Modbus, LonWorks, BACnet, Metasys, Allen Bradley EtherNet/IP, plus drivers for fire alarm panels, controllers, and many other proprietary and legacy devices.

ProtoCessor is the latest advancement from FieldServer Technologies moving gateway capability onto the device itself. For more information about FieldServer Technologies, please visit its Web site at <http://www.fieldserver.com>.