

Press Release

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For Immediate Release

Pompano Beach, FL – April 19, 2007 – RTP announces the first of a new line of intelligent I/O modules.

RTP, announces the ability to distribute control functions among intelligent I/O modules. Now the user has a choice to run an application entirely in a central processor or to run very high-speed or critical functions, or functions that need to run independently of the main processor, in separate intelligent I/O modules.

All of the IEC61131-3 compatible languages available in RTP's NetArrays application can be downloaded to and run in the intelligent I/O modules. NetArrays independent programs are nested in the main program and downloaded to the intelligent modules.

The first of the new I/O modules is the Model 8714

Intelligent Counter Module, which offers the user eight (8) independent high-speed inputs and eight (8) digital outputs. The inputs can be independently configured as pulse counters, quadrature counters to measure position, or for frequency measurement. Accuracy of the frequency input is specified to be +/- 0.025 % up to 1 MHz. When running a local program, the scan rates of these modules are expected to be 1000 to 2000 scans per second range depending on the size of the application

The 8714 can be configured to run in centralized or distributed mode. In centralized mode, the 8714 serves as I/O for the host 2300 or 2500 node controller. Inputs are read and the central processor sets outputs. In distributed mode, the 8714 runs the user program that is downloaded from NetArrays, RTP's logic development tool kit. In this mode, the outputs are controlled by the program running in the 8714. Even in distributed mode, tag values are available to the central node controller.

Recently RTP received SIL 3 certification for the RTP2500 SIS. The Node Processor is based on an Intel[®] CeleronTM Processor and the Chassis Processor is a RISCore 32300 implementation. RTP is now using the RISCore technology as its core technology for its line of Intelligent I/O modules.

A typical application for the 8714 would be the control of rotating machinery. When running in distributed mode, the 8714 can be used as an over speed trip device in compliance with American Petroleum Institute requirements, reducing the need to mount and wire a separate over speed device and the need to mount additional speed sensors on the machinery.

The module could also be configured for stepping motor control by using the quadrature inputs to measure position and the digital outputs to control a stepping motor.

The 8714 is the first in a line of intelligent modules that will expand the functionality of RTP's controllers beyond that of other control systems.

"These new intelligent I/O modules will find applications in a number of industries where distributed processing is a key advantage such as with critical batch applications" says Maurice Wilkins, VP, ARC Advisory Group. "These modules are a further indication of RTP's drive to use their strong hardware and software expertise to bring new solutions to the market".

By applying technology in unique ways, RTP will continue to provide users with the best control solutions possible.

About RTP

Founded in 1968, RTP Corp. is a developer and manufacturer of high-performance critical control and safety systems. Markets for RTP Corporation's products include process control and safety systems, and nuclear power plant systems. RTP offers a wide range of rugged hardware and a complete suite of software for industrial control solutions that include seamlessly redundant and triplicated systems for mission-critical applications.

For more information, visit www.rtpcorp.com or contact:

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