Galil Introduces RIO-47142 Pocket PLC with Two Ethernet Ports
Allows Easy Daisy Chaining of Multiple Controllers

(Rocklin, CA) — Galil Motion Control, an industry leader in motion control technology, is announcing the latest product in their RIO Pocket PLC Series. The new RIO-47142 includes an internal switch with two Ethernet ports for daisy-chaining multiple RIO units. This allows management of an unlimited number of inputs and outputs without an external Ethernet switch.

On the market for five years, Galil's RIO Pocket PLC series provides a compact and intelligent solution for programmable I/O control. "Now, with two Ethernet ports instead of just one, the RIO-47142 reduces system costs and speeds system set-up when multiple controllers are required", said Ann Keffer, Director of Marketing. "The RIO provides a cost-effective method for adding inputs and outputs to a variety of motion and non-motion applications."

Each RIO unit is self-contained and provides 32 optically isolated digital inputs and outputs, and 16 analog inputs and outputs. RIOs are intelligent input and output controllers that use a powerful RISC processor for fast handling of I/O & logic. There is on-board non-volatile memory and multitasking for simultaneous execution of up to four programs. Other standard features include variables and arrays, PID process control loops, timers, counters, web interface, email alerts, data-logging, and the ability to read position and temperature sensors.

The RIO controller can be programmed using Galil's easy-to-use, two-letter language which is standard for all Galil motion and I/O controllers. Software is also available for converting a Relay Ladder Logic program (often used by PLC programmers) into code for input into the RIO controller.

Measuring just 3.88" x 4.26" x 1.30", the compact RIO is packaged in a metal enclosure and provides D-type connectors for convenient interface. The RIO receives power from an external supply of 18V – 36V DC. LED indicators provide a convenient display of all digital inputs and outputs.

The RIO-47142 is $415 in single quantity and $305 in quantities of 100. It is available for delivery with standard lead time.

For more information about the RIO Pocket PLC series please see http://www.galilmc.com/products/rio-47xxx.php or contact Ann Keffer, Director of Marketing, at Galil Motion Control, Inc., 270 Technology Way, Rocklin, CA 95765, Ph. 800-377-6329 or email AnnK@galilmc.com.

Photo caption: *The new RIO-47142 includes two Ethernet ports which allows an unlimited number of RIO units to be daisy-chained together without an external switch*

About Galil Motion Control, Inc. (www.galilmc.com)
Privately held and profitable for over 100 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 and was the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 500,000 controllers successfully installed worldwide. Various applications include machines for industries such as medical, semiconductor, machine tool, food processing, test and measurement, and textiles. Recently, Galil has introduced their 5th generation single and multi-axis Ethernet motion controllers including the high-speed Accelera motion controllers, lower cost Econo motion controllers, and the single-axis Pocket Motion Controller series. Galil also offers the RIO Pocket PLC series for intelligent I/O control over Ethernet. Follow us on Twitter at @Galil, Like us on Facebook at http://www.facebook.com/Galilmc, Subscribe on YouTube http://www.youtube.com/user/GalilMC and Join the Discussion on Linkedin at http://www.linkedin.com/groups/Galil-Motion-Control-1840468.