

Editorial Contacts:
Lisa Wade, Galil Motion Control
916-626-0101, lisaw@galilmc.com

For Immediate Release

Scott Tiernan, McMullen Advertising
408-730-0490, scott@mcmullenad.com

Galil Pioneers New E-Series Motion Controllers For Ethernet Distributed Control Networks

The DMC-3425 is the first controller in the series

Rocklin, CA—August 29, 2000—Galil Motion Control, a driving force in motion control technology, has introduced their new E-Series Motion Controllers designed to eliminate the extensive wiring required of central or bus-based control systems and the complicated programming inherent of distributed control systems.

“With the E-Series, designers who need to control several motors now have a simplified, cost-effective option to central or distributed systems. The key advantage is that it meets the design criteria of short localized wiring, simplified programming, low-cost components and efficient communications,” says Jacob Tal, president and founder of Galil.

By integrating Ethernet technology, E-Series controllers can be placed right adjacent to motors and I/O signals, thus reducing wiring complexity. Also, programming is simplified and communications streamlined because a single E-Series controller acts as the “master” or “virtual central controller.” In this role, it receives all motor commands from the host computer and then passes these commands to other, multiple “slave” E-Series controllers. As a result, the host computer is freed from this responsibility and can be utilized more efficiently. Also, cost is kept low since each controller can operate two motors.

--more--

Page 2—E-Series Ethernet controllers

Galil's DMC-3425 is the first controller introduced as part of the E-Series. Available for immediate shipment, the two-axis controller sells for \$695.00 in single quantity and lowers to \$445.00 in quantities of 100.

“By linking multiple DMC-3425 controllers on the Ethernet, the result is a highly versatile and powerful form of distributed control,” adds Lisa Wade, VP-Sales and Marketing. “For example, a major advantage of the DMC-3425 over traditional single-axis distributed controllers is that the host computer is not burdened with the daunting task of coordinating between axes and synchronizing various control tasks. All those multiple communications links between the host and each controller are eliminated with the E-Series solution.”

Each DMC-3425 precisely controls two servomotors and provides ECAM, gearing and both linear and circular interpolation for coordinated motion along the two local axes. Other standard features include non-volatile program memory, variables and arrays, multitasking, and PID filtering with notch and feed forward parameters. I/O features include three uncommitted digital inputs and outputs, two uncommitted analog inputs, I/O expansion to 64 points, forward and reverse limits and a home input. Each DMC-3425 controls two servo motors with encoder frequencies up to 12MHz or one servo and one stepper motor up to 3 MHz. The controller is a compact 3.75" x 5.0", and connections are made with a single 37-pin D type connector.

For more information about Galil's E-Series, view a pre-recorded presentation by Jacob Tal at <http://galil.contigo.com/>. Upon arrival, select Attendee login, then click Recorded Event Archives and then E-Series Distributed Control. Also, see Jacob Tal's technical article on Distributed Control at www.galilmc.com/news/servo.html.

For specific details on the DMC-3425, go to <http://www.galilmc.com/products/eseries/dmc3425.html>.

--more--

About Galil Motion Control

Founded in 1983, Galil Motion Control, Inc., was the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since the introduction of their first controller, they have continued to advance the technology and now have over 200,000 controllers installed worldwide and are known as the industry pioneer and leader. Following in this tradition, Galil was recently first to market with a motion controller designed for the USB, and most recently with their Ethernet-based standalone controller. Galil is privately held company and has been profitable for over 60 consecutive quarters. Today, you will see Galil controllers at work in such applications as machine tools, manufacturing and testing, food processing, textiles and a wide range of test and measurement applications.

###

**For more information, contact Galil Motion Control, Inc.
3750 Atherton Road, Rocklin, CA 95765, ph: 800-377-6329,
fax: 916-626-0102, e-mail: galil@galilmc.com, or visit us at www.galilmc.com**