



PressRelease

Editorial Contacts:

Lisa Wade, Galil Motion Control, Inc.
916-626-0101, lisaw@galilmc.com
Al Bru, AB-Communications
925-828-5103, alfredbru@comcast.net

For Immediate Release

Galil Motion Control Offers New, Downloadable Firmware Enhancements for Galil Controllers

Designed for Galil's Accelera, Optima, DMC-18x2 and DMC-21x3 controllers

Rocklin, CA—September 30, 2005—Galil Motion Control, the industry innovator in the design and production of motion controllers and amplifier boards, has made several firmware enhancements for its Accelera, Optima, DMC-18x2 PCI and DMC-21x3 Ethernet controllers. Available for free download at <http://www.galilmc.com/support/download.html>, the revised firmware provides new commands for Stepper Motor Fault Detection and for the Electronic Cam mode.

The new commands that Galil has added for Stepper Motor Fault Detection allow the controller to actively handle stepper position error caused by stalling or skipping. When an error condition is detected, the controller can be programmed to halt the motion, execute a correction move, or continue the motion with the error.

For the Electronic Cam (ECAM) mode, Galil's firmware upgrade adds an EW (ECAM widen) command that enables the user to specify varying intervals between master positions and the corresponding slave positions. This means fewer points may be specified for linear sections of the master/slave table allowing for more points in curved sections. Increasing the number of data points for curved sections results in smoother motion.

All the aforementioned controllers accommodate easy upgrade of Galil firmware at <http://www.galilmc.com/support/download.html>.

Following is a summary of the new firmware revisions available for each product:

Controller Series	Format	Firmware Revision
DMC-12xx	PC/104	1.0p
DMC-16xx	cPCI	1.0p
DMC-17xx	ISA	2.2p
DMC-18x0	PCI	2.0p
DMC-18x2	PCI	1.0p
DMC-18x6	PCI	1.0
DMC-2xx0	Ethernet/RS232/USB	1.0o
DMC-21x3/21x2	Ethernet/RS232	1.0o
DMC-31x3/31x2	Ethernet/RS232	1.0e

More information about Galil's new firmware enhancements, or about any of its motion controllers and amplifier boards, can be found at www.galilmc.com, or by contacting Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 3750 Atherton Road, Rocklin, CA 95765, 800-377-6329, lisaw@galilmc.com, Ph. 916-626-0101, Fax 916-626-0102.

About Galil Motion Control, Inc.

Privately held and profitable for over 80 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal and Wayne Baron. Galil became 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 350,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, food processing, and textile industries. Recently, Galil has introduced several motion controllers for the Ethernet, as well as a variety of servo amplifier boards.

Note: *If you do not wish to receive news releases from Galil, or if there is someone else you feel is more appropriate, please let Al Bru, Marcom Director, AB-Communications, know in a reply email at alfredbru@comcast.net*