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Sinusoidal Move Command Boosts Delta's RMC100 Multi-Axis Motion Controller in Testing Applications

August 9, 2004 – Vancouver, WA. Delta Computer Systems, Inc. has added another customer-friendly feature to its already powerful RMC100 motion controller. Targeted toward testing-related applications, the Sinusoidal Move command eliminates the need for an externally generated sine wave while adding position, velocity and acceleration feedforward parameters for more precise closed-loop motion control tracking.

By applying the Sinusoidal Move command, the user can specify the amplitude in position or pressure units, frequency from 0.01 to 256 Hz, and the number of cycles, with the option of continuous cycling. In addition, the Sinusoidal Move can be geared to an external reference input.

The Sinusoidal Move command can be issued via proven fieldbus communications from any PLC, any computer system or directly from Delta's RMCWin software. RMCWin provides plotting tools to capture specific move information that can be used for validating cyclic motion. The plot data can also be exported to another system for data collection.

"Cyclical testing and similar applications are a growing market for Delta's RMC family of motion control products", stated Peter Nachtwey, President of Delta. Nachtwey added, "This internally generated sine wave capability within the RMC100 provides the customer with a flexible, easy-to-use tool for testing and motion control needs."

For complete information on the new Sinusoidal Move, go to the on-line Help of Delta's powerful RMCWin software which can be downloaded from www.deltamotion.com.

About Delta Computer Systems

Delta Computer Systems, Inc. designs, manufactures, markets, and supports motion controllers, color sensors, and specialized products. With more than a 20 year track record of customer responsiveness, continuous incremental improvement, and support for both legacy and new products, you can rely on Delta for lasting value. [Delta's motion controllers will be demonstrated next during FPDA 2004-St. Louis, Fabtech 2004-Cleveland and IAAPA 2004-Orlando](#). More details and information are available on www.deltamotion.com or by contacting Bill Savela, Delta Computer System, Inc. 11719 NE 95th Street, Suite D, Vancouver, WA 98682. P360-254-8688, F 360-254-5435, or bsavela@deltamotion.com
Editor: Please ask your personnel to indicate RMC100 Sinusoidal Move on computer printout for inquiry identification.

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