Delta's Track Position Command Delivers Better Motion Control
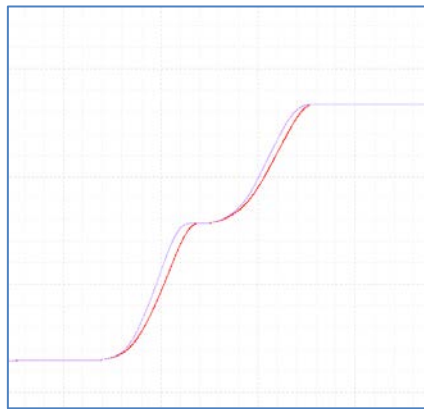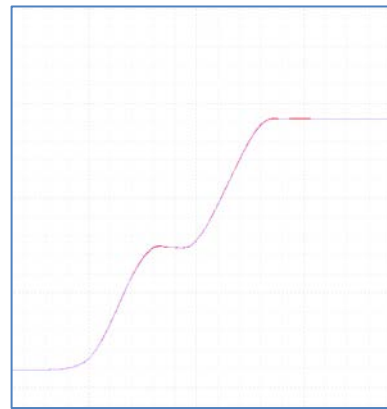
May 30, 2014 – Battle Ground, WA. Delta Computer Systems, Inc. announces an enhanced position tracking command in special applications where precise position control of linear or rotary motion control is required.
This command is useful for smoothly tracking a signal containing noise or step-jumps, or for gearing to another position while not exceeding specified motion limits. Among the various applications that can benefit from this command are stretch presses, sawmill edgers, flying shears or flying cutoffs, extrusion applications, and entertainment including 6DOF applications..

The tracking command continuously tracks a specified signal. Limits for velocity, acceleration, positive and negative travel limits are key part of the command set up and each can have great value in highly dynamic systems. A deadband option rejects minor noise on the signal, resulting in steady motion. For less complex, more linear gearing relationships and for following a reference input, Delta already offers a Gear Absolute command.

| Before | After |

Track Position vs time before and after plots

"Delta customers want precision no matter if the master register parameter is a joystick function or comes from a complex motion or curve profile," stated Steve Nylund, Delta's CEO. "This specialized feature can deliver precision in dynamic high performance multi-axis applications." Nylund added.

The high performance motion control products that Delta designs, manufactures and markets are used worldwide for hydraulic, pneumatic and electric closed-loop control in a wide array of single and multi-axis applications, including testing, food, energy, automotive, entertainment, plastics, materials, aerospace, metals, forest products and others.

About Delta Computer Systems: For more than 30 years, Delta has supplied motion controllers, color sensors, and other industrial products that enable OEMs & integrators to build better machines. For more information contact Bill Savela, Delta Computer Systems, Inc. 1818 SE 17th Street, Battle Ground, WA. 98604. P 360-254-8688, fax 360-254-5435, or email technicalsales@deltamotion.com . Editor: Please indicate **Track position** for inquiry identification.