

FOR IMMEDIATE RELEASE

Quick and Easy Data Transfer between Delta Motion Controllers and Siemens PLCs

November 30, 2009 – Battle Ground, WA – **Delta Computer Systems, Inc.**, a manufacturer of industrial automation and motion control products, is pleased to announce release of Delta Motion Control Protocol (DMCP) for connecting Delta motion controllers to Siemens S7 PLCs. By using DMCP over Ethernet, communication is made both easier and faster.

DMCP Function Blocks use the S7 Ethernet t- blocks. One is for reading and one is for writing using 32 bit aligned data programming techniques that allow for more efficient data transfer. An Ethernet based example program exists on the Delta ftp site and can be obtained upon request. This example documents communication between a Siemens S7 31x-2 PN/DP and Delta RMC75 or RMC150 single and multi- axis closed loop motion controllers used in precision closed loop applications.

While Delta has long offered PROFIBUS DP, the specific advantage of Ethernet DMCP function blocks compared to PROFIBUS DP is data transfer time. For instance, data can be transferred at one time in an application that needs to read 256 registers from the RMC's indirect data map with just one read or fill up the RMC variable table with just one write. Another advantage is cost savings since customers using may not need to buy either a Siemens or Delta PROFIBUS DP module to communicate with the multi-axis RMC150 motion controller.



Caption: DELTA's RMC 75 & 150 Multi-axis motion controllers with Ethernet and DMCP

“In more complex applications as in the forest products industry, using DMCP has an efficiency benefit by delivering easier spline downloads or curve data transfers.” stated Peter Nachtwey, Delta’s President. “The value objectives of the DMCP option are to make communication better, faster and more economical for our customers.” Nachtwey added.

The high performance motion control products that Delta designs, manufactures and markets are used worldwide in hydraulic, pneumatic and electric closed-loop control for single & multi-axis applications in energy, plastics, entertainment, testing, aerospace, metals & forest products.

About Delta Computer Systems: For more than 25 years, Delta has been a supplier of motion controllers, color sensors, and other industrial products that enable OEMs and integrators to build better machines and get to market quickly. For more information, contact Bill Savelle, Delta Computer Systems, Inc. 1818 SE 17th Street, Battle Ground, WA 98604. Phone 360-254-8688, fax 360-254-5435, or email sales@deltamotion.com Editor: Your personnel may indicate **DELTA Ethernet with Siemens PLCs** for inquiry identification.