Delta Reduces Motion Controller Cost with PROFINET IO

November 22, 2010 – Battle Ground, WA – Delta Computer Systems, Inc. announces the addition of PROFINET IO as yet another communication option for RMC motion controllers. Customers now can choose options such as PROFINET IO, PROFIBUS DP, EtherNet/IP or many other protocols for communication to PLCs and other systems.

PROFINET IO has a much broader reach than PROFIBUS DP and can enable better networking plant-wide. Both are industry standards with PROFINET IO delivering the convenience of Ethernet at rates of 100Mbits/second to exchange data while PROFIBUS DP communications does data exchange with PLCs at up to 12Mbaud. Delta's PROFINET IO also connects distributed I/O to PLCs with an easy configuration set up process similar to the popular PROFIBUS DP that has long been available to Delta's customers.

In motion control applications, PROFINET IO is used for fast (milliseconds-level) cyclic data exchange between IO-Controllers and IO-Devices and for acyclic data transactions used for large blocks of configuration data, such as CAM table data to Siemens' S7 PLCs.

Delta's adds PROFINET IO for motion control when using Siemens PLCs

"Delta's new PROFINET IO capability adds more choice for RMC70 Series motion controller customers", stated Steve Nylund, Delta's CEO. "And since PROFINET IO is also available on our RMC150 multi-axis controllers, users who switch from PROFIBUS DP (special module) to PROFINET IO (included with the CPU) enjoy more value at reduced motion controller cost." 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.