

At A Glance

Company History

Delta Computer Systems, Inc. was founded in 1977 and incorporated in 1982 as an industrial control systems developer. Delta has more than twenty years' experience developing control systems and products for the forest products, food processing, metals, plastics and automotive industries. Recent applications in the entertainment industry are another new and exciting opportunity for Delta.

Technology/Products

Delta Computer Systems' products include a broad line of motion controllers designed supporting various industry bus interfaces, and color sensor products using its proprietary LED technology.

Delta Computer Systems was one of the first companies to design servo motion controllers using direct interfaces to magnetostrictive displacement transducers (MDTs). Delta continues to be a leader in pressure control technology, offering one of the only families of motion controllers that support seamless transition from position to pressure control with a single hydraulic or pneumatic valve.

Delta's motion control product line, the **RMC Family**, is based on a modular architecture that is readily configured for different interfaces and capabilities. The **RMC100 Series** is supported by a powerful Windows-based development software package RMCWin that promotes quick tuning and optimization of designs. Delta's latest product is the **RMC70 Series** for applications requiring one- or two- axis of control began production for customer applications in Q1 2004.

Delta's web based RMC Configuration Tools allow customers to determine the best motion controller for a specific application and obtain quotation information in a quick easy manner.

Specific advantages of Delta's motion controllers include:

1. **Fast optimization.** Delta helps customers get to market faster with graphical tuning and diagnostics tools and "spreadsheet programming." With these tools, customers also get higher machine productivity and throughput, and better quality output.
2. **Easy to connect.** Delta's motion controllers interface to the most popular factory buses (e.g., PROFIBUS, Modbus Plus, Ethernet/IP, VMEbus), plus provide direct connection to transducers such as MDTs. You can develop high-performance systems using "best of class" components.
3. **Smooth moves.** Transition smoothly from position to pressure control, while in motion. Change motion profiles on the fly. Spline profiling makes complex moves easy. Get higher quality, greater machine productivity, and reduced maintenance for lower lifecycle costs.

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