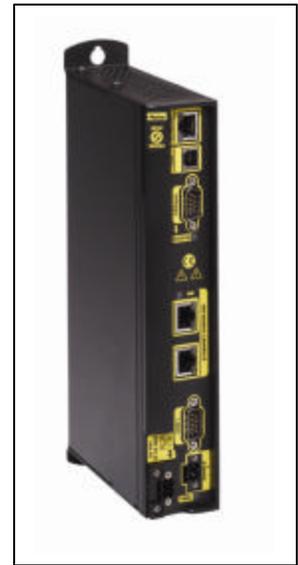




PAC: Coming Soon to a Machine Near You

Parker's Programmable Automation Controllers will combine the best of the ACR9000 controller with an IEC 61131-3 PLC.

Parker is pleased to announce a new level of control with our upcoming Programmable Automation Controller (PAC). PAC is a complete motion control solution that combines the features and capabilities of a motion controller with those of a typical programmable logic controller (PLC). Traditional PLC controls have been great for discrete and analog controls, but not so great for motion. Machine control systems, meanwhile, have excelled at motion, but haven't offered adequate discrete or analog controls. A PAC provides not only the reliability of a PLC, but also the task flexibility and computing power of a motion controller. A well-designed PAC combines the capabilities of a PLC and multi-axis motion controller with such features as data portability around the plant, remote support and diagnostics, database logging support and ease of integration up to the SCADA level. A PAC at the core of an automation system can also integrate multiple fieldbus networks, such as RS-485, RS-232, RS-422, CAN, Ethernet and EtherNet/IP.



A true PAC represents a convergence of control technologies, not just the integration of component parts into a system. This converged approach provides a family of integrated industry standard development tools that eliminate platform lifetime and scalability concerns, boost overall system performance and reduce engineering costs by reusing code and tags with any system device.

Currently, most PAC systems have been focused on large applications and have been deployed in large process environments where the high initial costs are offset by the long-term savings. The market is just starting to move into PAC-centered small and midsize systems and machines. Parker's Electromechanical Automation Division intends to lead this revolution with a PAC that will offer the industry proven multi-axis motion control engine from the ACR9000 coupled with an IEC 61131-3 PLC engine. But it won't stop there. The Parker PAC will usher in a new era of integration and ease of use for Parker's visualization, controls, drives, motors and mechanics.

For more information on Parker's PAC solution, please contact Jim Wiley (jwiley@parker.com) or Andy Balderson (abalderson@parker.com).