ETHERNET Powerlink (EPL) expands the ACR family by enabling real-time motion control via Ethernet. The high-bandwidth digital communications network enhances machine performance and configuration possibilities while reducing set-up time and installation complexity.

ETHERNET Powerlink is a deterministic, real-time Ethernet motion bus solution connecting motion controller to servo drives and I/O points using standard Ethernet hardware. EPL is an open standard communication protocol, developed to achieve the timing and synchronization required in high-performance automation and motion control applications.

Parker’s EPL solution includes all the motion and communication features of the ACR family for complete motion and machine control solutions. A full range of servo drives is available with Aries and Compax3 Series drives, supporting a wide variety of motors and feedback devices. All drive and motor configuration, programming and system troubleshooting can be accomplished through the ACR controllers.

EPL Highlights
- Open industry standard communication protocol
- Standard Ethernet hardware
- No proprietary ASICs required
- Based on CANopen device profiles
- Simplified system design
- Reduced installation time
- Enhanced diagnostics

Parker EPL Solutions
- Up to 16 axes with ACR controllers
- Aries and Compax3 servo drives
- Built-in repeating hubs for flexible connection options
- Drive and controller on-board I/O
- Single point of communication for entire motion system
- Auto-tuning and motor configuration via ACR-View