PLC Interfaces

SPEDE Automated Solutions read/write to various PLCs including:
- Allen Bradley
- Mitsubishi
- Omron
- Siemens

Protocols include:
- PROFINET
- Ethernet/IP
- MELSEC
- ModBUS
- FINS

Using PLCs for Part Counting, Labeling and More

Key advantages of interfacing to a PLC are HMI synchronization, which provides part verification to ensure accurate packing and container labeling; the ability to collect real-time production data for viewing at line-side; and control of the part counting and container labeling processes.

With an optional touchscreen PC installed at line-side, you can view real-time production and labeling status data including:
- Part number, description, optional photo of part
- Good piece count
- Scrap piece count
- Serialized part count
- Pack count quantity
- Status of labels printed
- Machine cycle counts/times

The Touchscreen enables you to adjust pack counts to allow for scrap or end of run. It supports a scanner/ imager to record parts mark serial numbers. Production data is retained by SPEDE in an SQL database for inventory tracking and traceability, and can update host systems.