

Data Systems Performance Engineering LLC Industrial Network Services

- Evaluate new data communications systems requirements or expansions to existing data systems. Data communication systems would include HART®, RS232, RS422, RS485, TIWay, Provox, Modbus, Modbus Plus, Modicon S908 (Remote I/O), Allen Bradley DH, fiber optic.
- Troubleshoot existing data communication systems problems - provide solutions to problems found
- Determine data communication system layout - including gateways, bridges, repeaters, routers, hubs, copper or fiber cabling
- Document data communication system installation requirements: drawings and specifications
- Procure equipment
- Interface with contractor installing equipment
- Inspect work performed; measure all cabling (see "Cable testing services"), run data communication system diagnostics; assure proper network functionality
- Look for ambient EMI/RFI (electromagnetic interference/radio frequency interference) that could affect communications.