L2000® Programmable Logic Controller
High Availability Solutions
Bi-Directional Bumpless Hot-Standby for the L2000 PLC+

FEATURES & BENEFITS

• Designed for the specific needs of the water & wastewater industry
• Easily transfer Primary/Secondary roles with a press of a button
• Redundant I/O – Primary/Secondary have separate I/O modules. Separate I/O provides ability to overcome any single I/O point failures.
• Bumpless Transfer ensures output signals to remain the same through a Secondary to Primary Transfer. Thereby minimizing disruption to process during transfer.
• Modular design provides ease of maintenance and system expansion
• Redundant Power Systems. Each Unit has its own Power Supplies, UPS and/or Batteries and Battery charging systems.
• Many Card I/O Types and Densities Available
• Cards have Mode and DI/DO LED Annunciators
• HDIO - 6AI, 2AO, 16DI, 8DO

Tesco Control’s Hot Standby configuration for the L2000 Programmable Logic Controller provides true bumpless, high-availability security for critical process applications.

Communications:

• Telemetry on Ethernet seamlessly transfers to the Primary Unit.
• Telemetry to the Secondary Unit is also seamlessly transferred.

Hot standby transfers are transparent to all telemetry communications and the application-process being controlled. This allows SCADA and HMIs to always be communicating with the primary device, regardless of which unit is acting as primary. Automatic Telemetry Port Escalation from Ethernet to Serial and back. Telemetry communications continues in the event a communications path is down.