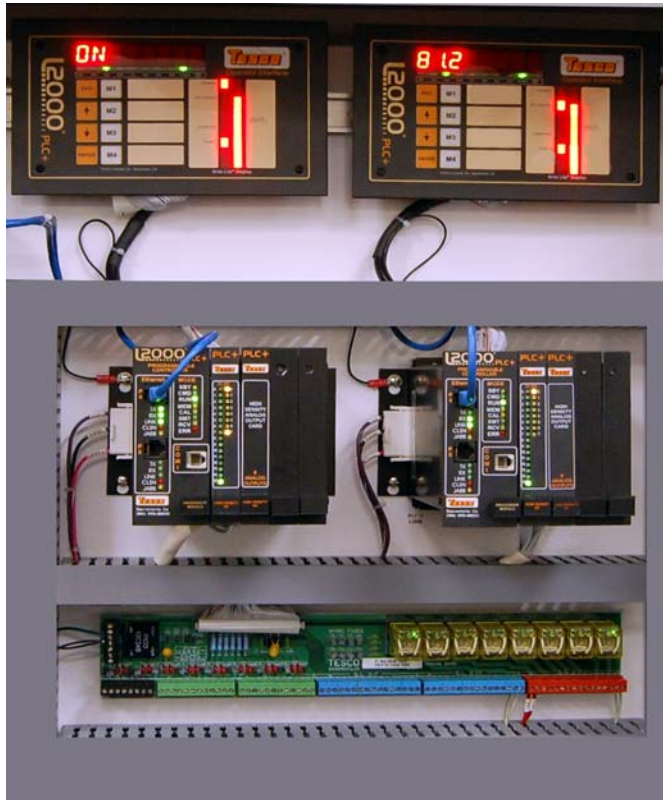


**Tesco Controls, Inc.**

# L2000 PLC Hot Standby

Bumpless high-availability for the L2000 Programmable Logic Controller



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

The configuration features two L2000 PLCs and 2 L2000 operator interfaces that have the same telemetry address, but different IP and MAC addresses.

When a failure has occurred, the IP and MAC addresses swap from one device to another. This allows SCADA and HMIs to always be communicating with the primary device, regardless of which unit is acting as primary.

Upon communication failure with the secondary unit, the primary will always hunt for the condition of two primaries. If another primary device is found, it will then drop to secondary.

The secondary unit is always kept updated with all register values from the primary.

All communication between primary and secondary takes place via Ethernet.

- True BUMPLESS Hot Standby
- High availability for critical process applications
- No system single point of failure
- Separate I/O Modules for redundancy
- Symmetrical, Bi-Directional role exchange
- Ethernet connectivity
- 5 year warranty

## FEATURES

- Designed for the specific needs of the water & wastewater industry
- Modular design provides ease of maintenance and system expansion
- Low Power 3U VME Card Racks
- Less than 1A @ 12V for 3 Card Systems
- Many Card I/O Types and Densities Available
- Cards have Mode and DI/DO LED Annunciators
- HDIO - 6AI, 2AO, 16DI, 8DO



**AMERICA'S LEADING WATER AND WASTEWATER CONTROL SYSTEMS INTEGRATOR**  
To contact a Tesco Controls sales representative call 916.395.8800  
Tesco Controls, Inc. 3409 52nd Avenue, Sacramento, CA 95823-9012  
*Tesco Controls is an Employee-Owned company.*

[www.tescocontrols.com](http://www.tescocontrols.com)