

EXPERION® LCN

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Experion LCN offers a secure, seamless integration with the Experion PKS architecture, with standards-based functionality, regulatory support capabilities, and integrated operations from the field through the plant to the business level.

## Overview



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Plants running the TotalPlant™ Solution (TPS) system need to avoid obsolescence by employing modern technology. TPS, introduced in 1998, helped establish open plant automation with a host of advanced applications. However, its users are now dealing with compliance issues related to new safety regulations as well as increasing system support challenges.

With Experion LCN, existing control strategy, field terminations, applications, history and graphics can be retained, allowing users to focus on high value improvements. It minimizes operating disruptions, maintains overall consistency and delivers optional lifecycle advantages with virtualization. It also opens the door to Industrial Internet of Things (IIoT) by Honeywell, an approach that connects people to assets, automates predictive analytics, and enables increased collaboration.

### How Does It Work?

Expanding on the Enhanced TPS Node capabilities, the Experion LCN further enables continuous innovation for Honeywell customers. Using the proven Experion Fault Tolerant Ethernet (FTE) infrastructure, a new ELCN Bridge connects Experion to Classic Coax LCN.

Once this connection is established, the LCN coax connection can be removed one LCN node at a time. Instead of a hardware connection for every Experion TPS Node, only one redundant ELCN Bridge pair is needed to enable virtualization.

### What Problems Does It Solve?

Honeywell’s on process incremental upgrade to Experion LCN modernizes the control system infrastructure and enables the Industrial Internet of Things (IIoT by Honeywell). This strategy maintains safe and reliable controls while modernizing and evolving with the most advanced technologies. It keeps established, reliable systems running longer, extends uptime, and preserves investments in hardware and network infrastructure.

## Product Number

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PART NUMBER	DESCRIPTION
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Experion® LCN   Honeywell	
01-W2226E01A	SCSI ADAPTER
30185-H	ESD KIT
30669206-001	C-AC100 SINGLE UNI
30669635-003	TRIM STRIP, 48IN
30669860-012	O-Ring, AS568-006, EPDM, 50-DUR
30671513-001	TERM PANEL, HI-DEN C-TCB30
30671529-001	CABLE LCN HOOTER 3FT
30671529-002	CABLE LCN HOOTER 7FT
30731391-001	TERM PANEL AUX C-TAFOO
30731547-001	BRKT ANGLE MNTG