

# 1769-AENTR I/O Module

Simplify Your System Architecture  
with Distributed I/O over EtherNet/IP

## Advantages/Benefits

- Simplify your system architecture and minimize migration costs with distributed I/O over EtherNet/IP
- Expand your system with the I/O that is required without limitation of the controller
- Reduce inventory by standardizing on one I/O platform
- Connect the enterprise with a single network strategy based on EtherNet/IP
- Allow control migrations with re-use of existing 1769 I/O
- Connect either DLR or linear topologies through dual Ethernet ports

*By using the 1769-AENTR, you can use the same I/O to standardize on a single, scalable platform.*



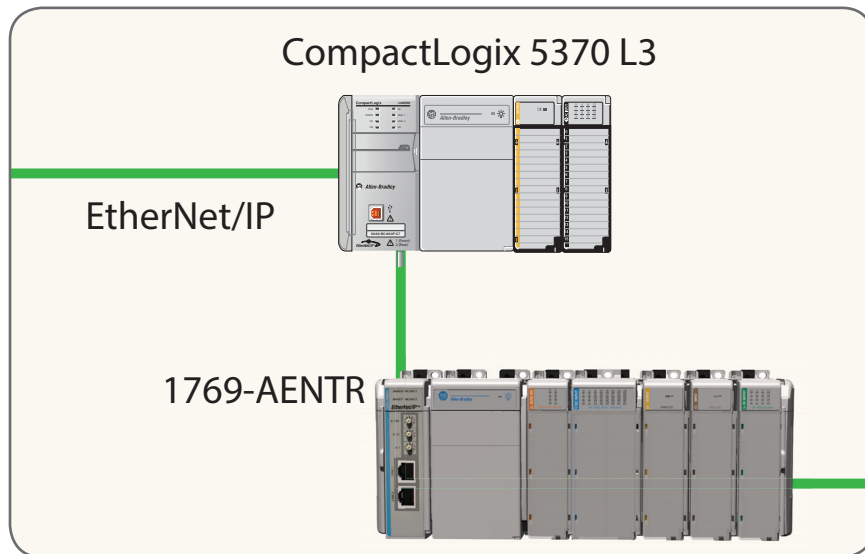
## Overview

The 1769-AENTR EtherNet/IP distributed I/O system with capabilities to help you reduce I/O spares. This adapter allows CompactLogix™ customers to reuse their 1769 I/O when migrating to next generation CompactLogix controller, while keeping the investment of 1769 I/O. By using the 1769-AENTR you can use the same I/O to standardize on a single, scalable platform.

Often machine and equipment builders are locked into a control system that's oversized or undersized for the actual performance needs of the machine. Meanwhile, other manufacturers leverage multiple control platforms to match their application needs – each having a unique design environment, user interface and vendor support model. Buying a scalable, right-sized control system can help address this problem as well as other critical business issues our customers face.

Rockwell Automation offers a midrange system that includes a series of CompactLogix controllers, scalable servo drives, I/O, visualization and simplification tools and key performance features including integrated motion on EtherNet/IP.

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Machine builders can reduce the costs and complexities of their machine and provide a more competitive offering around the globe. End users, meanwhile, can standardize on one common technology, reducing the risk of losing critical engineering knowledge for supporting control platforms when personnel changes occur.

Selecting a right-sized control system can help you cost-effectively match your application needs, including the need for :

- **Scalability:** Leveraging a single design environment, the Logix Control Platform gives you the portability to migrate existing machine designs to new higher-end machines.
- **Simplification:** Simplify the design by standardizing a single platform.

- **Single Network Architecture:** Leverage EtherNet/IP to converge machine-level data to business-level data.
- **High Performance:** Use the integrated servo technology and robotic control to help drive performance in smaller machines.
- **Security:** Built-in IP security capabilities can help machine builders protect their source code.
- **Sustainability:** Leverage smaller components to reduce overall footprint and use drives that expend less energy.

The value of the Integrated Architecture® is in providing the means to build a better machine, plant, and enterprise.

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