

Migration Solutions

CompactLogix™ 1768-L4x Controller to CompactLogix 5380 Controller

Identify, Mitigate and Eliminate the Risks of Automation Obsolescence

In today's economy it is necessary to have migration solutions that help you to achieve increased productivity and lessen your risk of maintaining your legacy equipment. You need to work with a supplier that has the product, service, and industry knowledge to partner with you on an upgrade strategy that will help you maximize your competitive advantage.

Rockwell Automation and its partners will work with you to outline a plan that fits your application needs and long-term goals. We can help you migrate all at once or in phases, at the pace that is comfortable for you and fits your budget.

With your goals in mind, Rockwell Automation has developed a migration strategy that will allow you to quickly and easily migrate from CompactLogix™ 1768-L4x Controllers to CompactLogix 5380 Controllers. This approach will lower conversion time and engineering costs.

Product Life Cycle

Use the [Product Lifecycle Status](#) search tool on the web to find specific lifecycle information by catalog number.



- **ACTIVE:** Most current offering within a product category.
- **ACTIVE MATURE:** Product is fully supported, but a new product or family exists. Gain value by migrating.
- **END OF LIFE:** Discontinued date announced — actively execute migrations and last time buys. Product generally orderable until the discontinued date¹.
- **DISCONTINUED:** New product no longer manufactured or procured². Repair/exchange services may be available.

¹ Outages on specific items may occur prior to the Discontinued date.

² Limited stock may be available in run-out mode, regionally.

LISTEN.
THINK.
SOLVE.®



CompactLogix 1768-L4x Controller



CompactLogix 5380 Controller

Why Upgrade or Migrate?

While CompactLogix™ 1768-L4x controllers have been valuable products in our Allen-Bradley® controller portfolio for the past decade. These products are planned to discontinue in calendar year 2020*.

CompactLogix 5380 controllers help enable faster system performance, capacity, productivity and security to meet the growing demands of smart machines and equipment for manufacturing. This newer small control system offers greater features and superior performance at a lower cost than ever before.

All CompactLogix 5380 controllers use the same development environment, Studio 5000 Logix Designer® software, combining elements of design into one standard framework that can optimize productivity and reduce time to commission.

Discover the value of CompactLogix 5380 controllers. Plan your modernization journey with Rockwell Automation as your partner.

**Date subject to change. Refer to [Product Lifecycle Status](#) for the latest update.*

CompactLogix 5380 Controller Advantages

Enhanced Performance and Troubleshooting

- Scales to support up to 31 local Compact 5000™ I/O modules
- Offers Integrated Motion on EtherNet/IP™, up to 32 axes
- Provides up to 20% more capacity
- Enables high performance and motion control with dual gigabit (Gb) embedded Ethernet ports
- Supports Device Level Ring/Linear topologies or two IP addresses

Added Security and Capabilities

- Offers a wide range of memory options from 0.6 - 10 MB
- Includes controller-based change detection and logging for added security
- Facilitates added layer of security with digitally-signed controller firmware
- Allows for role-based access control to routines and Add-On Instructions
- Permits ability to enable and disable all embedded ports
- Delivers integrated safety for applications to achieve SIL 2 / PLd with 1oo1 architecture, enabled by the Integrated Safety Compact GuardLogix® 5380 controller
- Incorporates ability to operate applications in corrosive environments with Conformal Coating# option

Future Release



CompactLogix 5380 Controller

Recommended Migration

SOLUTION 1: Migrate to Full CompactLogix™ 5380 Controller and Compact 5000™ I/O System

The option to migrate to a CompactLogix 5380 Controller System architecture is cost-effective with the availability of serial communications and dual configurable IP address functionality.



Typical CompactLogix 1768-L4x Controller System

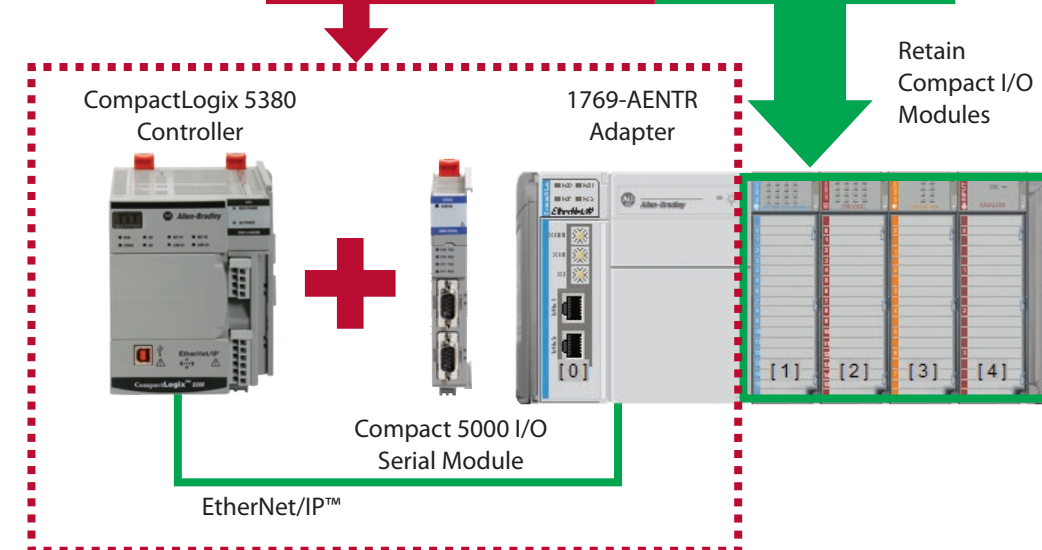


CompactLogix 5380 Controller and Compact 5000 I/O System

SOLUTION 2: Migrate to CompactLogix 5380 Controller and Compact 5000 I/O System, and Retain Existing Compact I/O™ Modules

The option to retain your existing Compact I/O™ Modules as a remote rack reduces installation time, cost and risk. In addition, the new CompactLogix 5380 Controller System hardware will fit in most existing panels, thus reducing engineering time.

Typical CompactLogix 1768-L4x Controller System



Retain
Compact I/O
Modules

Enabling the Connected Enterprise

Bringing people, processes and technology together.

It's about reshaping the future through leverage and convergence.

The Connected Enterprise leverages technology to better gather, analyze data and transform it into actionable, real-time information. Convergence of information technology (IT) and operations technology (OT) into a single, unified architecture capitalizes on operational, business and transactional data for improved enterprise, operations and supply chain performance.

- Improve Productivity with better asset utilization and system performance
- Promote Globalization with easy access to actionable, plant-wide information
- Support Sustainability with extended product lifecycles and better asset utilization
- Cultivate Innovation with increased system flexibility and technical risk mitigation



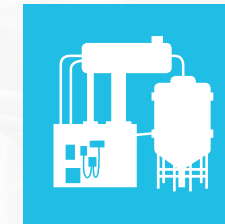
Faster time to market

Design productivity, faster commissioning times with intelligent devices, quicker startup of Greenfields, proven technology around risk mitigation for operations and IT, and the agility to respond to customer trends more quickly.



Lower total cost of ownership

Better lifecycle management, enabling more effective operations, improved energy management, and easier technology migration.



Improved asset utilization and optimization

Improved reliability and quality, and predictive maintenance driven by operational intelligence tools.



Enterprise risk management

Protection of intellectual property and brand image with a secure operating environment and reduced exposure due to poor product quality and internal and external threats.

For More Information

To better understand your options, contact your local authorized Allen-Bradley distributor or Rockwell Automation sales office or visit: rok.auto/productstatus and rok.auto/modernization

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