

MAXIMIZE UPTIME WITH A SMARTER I/O PLATFORM

Modernize from
FLEX I/O to FLEX 5000 I/O



**Rockwell
Automation**

Meet more demanding applications with a newer generation of distributed I/O solution

With its extensive feature set, diverse functionalities and easy user experience, the FLEX™ I/O product family has established our commitment to meeting your operational needs for more than 25 years. As market needs and industry requirements continue to evolve, modern technologies and standards that can enhance productivity and performance are essential to stay competitive. We support this evolution by providing you with the latest technology to maximize your investment. We recommend modernizing to the FLEX 5000® I/O platform as FLEX I/O modules move to the next product lifecycle stages.

Maintaining the FLEX I/O modular design, the FLEX 5000 distributed I/O solution offers greater flexibility with its integrated safety and control in one platform, even in extreme environments. Ideal for Process, Hybrid and Discrete applications, FLEX 5000 I/O offers:

- Improved operational efficiency with quicker response to manufacturing issues
- Simplified operations and maintenance with automatic diagnostics
- Extensive options of standard and safety modules to meet diverse application requirements

Modernizing to FLEX 5000 I/O can help you accelerate time to market and achieve positive business outcomes.

It is time for change



FLEX™ I/O modules



FLEX 5000® I/O modules

Product Lifecycle

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

ACTIVE

ACTIVE MATURE

END OF LIFE

DISCONTINUED

- 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.

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

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

Boost operational efficiency with FLEX 5000 I/O



Flexible design and installation

- Gain greater flexibility with the ability to mix standard and safety I/O in one platform
- Optimize footprint with horizontal and vertical mounting options
- Design a flexible architecture with the use of multiple network media and topology options
- Allow for use in extreme environments up to G3 with XT version having conformal coating, which helps protect against harsh conditions



Simplified operations

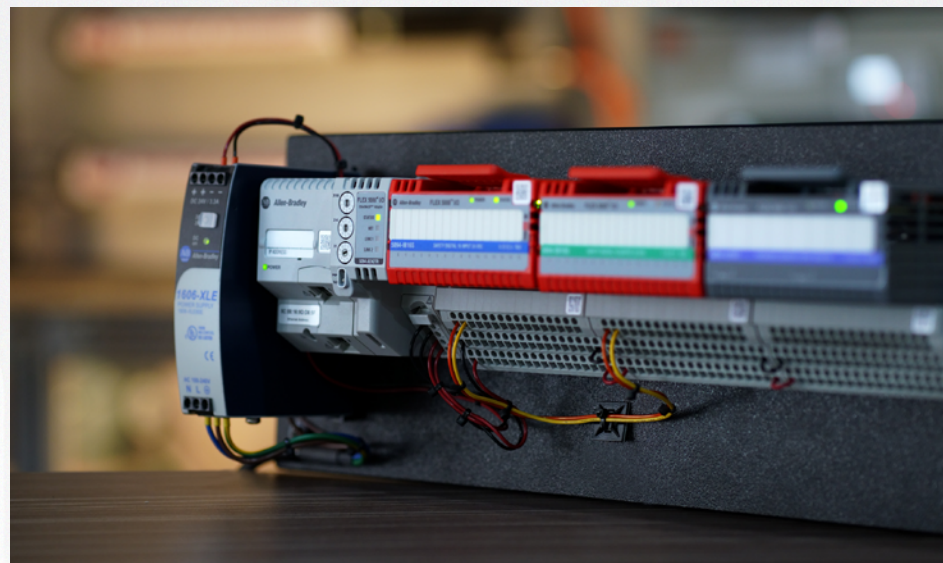
- Ease maintenance and expansion with easy snap-on installation and Removal and Insertion Under Power (RIUP) while the system is in operation
- Simplify engineering through tight integration with PlantPAX® systems
- Minimize panel design changes with the same DIN rail footprint and wiring consistency as FLEX I/O modules
- Reduce unplanned downtime with high availability architecture



Improved performance

- Enhance communication with 1 Gb EtherNet/IP™ connectivity
- Increase operational agility with automatic diagnostics and device health monitoring
- Achieve better efficiency with the common data structure and tags in 5000 series I/O

Achieve more with newer generation of I/O



FLEX 5000 I/O is the preferred distributed I/O platform for ControlLogix® 5580 and CompactLogix™ 5380 standard and safety, and CompactLogix 5480 standard control architectures. The platform requires Studio 5000 Logix Designer® application version 31 or later*.

Visit the [FLEX 5000 I/O Technical Documentation](#) webpage to access product specifications, installation instructions, user manuals, product certifications, and more.



**Optimize productivity and attain powerful outcomes.
Watch now.**

*FLEX 5000 analog safety I/O modules require software version 33 or later.

Get ready to **start your modernization journey**

Evaluate your options

We recommend analyzing your existing operations to identify any risks in the current processes. A thorough review will help you discover untapped technology-driven functionalities that can be leveraged to optimize your operations.

Knowing the current lifecycle status of your existing equipment helps mitigate the growing risk of operating obsolete machinery and makes it easier to plan the transition to leading-edge technologies. Our online [Product Lifecycle Status](#) tool can help you determine the lifecycle stage of your existing equipment.

You can execute the modernization yourself or partner with Rockwell Automation to help assess, plan and execute the best modernization strategy based on your business needs and outcomes.

Modernization resources from Rockwell Automation

- Our [LifecycleI0™ Services](#) provide modernization and migration engineering support to help you realize the benefits of the FLEX 5000 distributed I/O platform.
- Our factory-trained field service professionals are experienced and prepared to provide on-site assessments, modernization planning, and startup and commissioning of your modernized control architecture.
- From project management to startup, we will help define and implement an effective modernization strategy that can help optimize your operations.
- Learn more about our [Modernization Services](#).

Recognized System Integrator partners

- Our [PartnerNetwork™ program](#) provides an integrated team of engineering specialists and suppliers who are leaders in the automation and manufacturing industry.
- Program Partners help to simplify implementation with effective products and solutions to accelerate the return on your investment.

Do It Yourself

- If you prefer to modernize from the FLEX I/O to the FLEX 5000 I/O platform without assistance, Rockwell Automation provides several tools and resources that can help you plan and modernize with as little disruption as possible.
- Learn more about the available [Migration Tools](#).

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

Simplify modernization with easy-to-use tools and resources

Rockwell Automation provides many self-service tools and resources to ease the migration process. All tools are available regardless of who performs the migration: Rockwell Automation, System Integrator, or Do It Yourself.

Installed Base Evaluation (IBE)

The [Installed Base Evaluation™ \(IBE®\)](#) service provides a thorough analysis of your critical plant assets and their condition. This site-delivered service provides detailed reports by site, area, line, machine, and panel.

ProposalWorks proposal builder


The [ProposalWorks™ proposal builder](#) tool helps you create bill of materials (BOM), request for quotes (RFQ) and proposals for your automation projects directly from your computer. This tool has more than 1,800 configurators and an easy-to-use search capability to find the right products to meet your application requirements.

Integrated Architecture Builder (IAB)

The [Integrated Architecture® Builder \(IAB\)](#) is a graphical, user-friendly software tool that allows you to define and configure the FLEX 5000 I/O system architecture automatically, including a detailed bill of materials based on your current FLEX I/O system.

We are here to support you at every step



Connect with us.    

rockwellautomation.com

expanding **human possibility**[®]

AMERICAS: Rockwell Automation 1201 South Second Street Milwaukee WI 53204-2496 USA Tel: (1) 414 382 2000 Fax: (1) 414 382 4444

EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2663 0600, Fax: (32) 2 663 0640

ASIA PACIFIC: Rockwell Automation SEA Pte Ltd., 2 Corporation Road, #04-05, Main Lobby, Corporation Place, Singapore 618494, Tel: (65) 6510-6608, Fax: (65) 6510-6699

UNITED KINGDOM: Rockwell Automation Ltd., Pitfield, Kiln Farm, Milton Keynes, MK11 3DR, United Kingdom, Tel: (44)(1908) 838-800, Fax: (44)(1908) 261-917

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