



Allen-Bradley

Logix Platforms Offer Users Compatibility Across Multiple Areas of Control

For years, customers have had to construct their automation systems using a variety of dissimilar platforms. Each platform was capable of handling narrow segments of the overall application, yet in combination these platforms presented users with dissimilar development environments and networking capabilities. Users were limited in the choices these platforms offered, not only in terms of physical size, but more importantly, in the range of applications where they could successfully be applied.

Now Rockwell Automation offers a new approach with its Logix Platforms™. From raw material handling through manufacturing and processing to packaging, Logix Platforms provide a complete solution. Each Logix Platform interfaces seamlessly with the other, and offers users common networking and software solutions across multiple areas of an entire application.

Key Benefits of Logix Platforms

- Greater performance and flexibility
- Integration of sequential, process, motion and drive control
- Scalable platforms handle applications of any size
- Choice of form factor: modular, distributed, or open
- Common development environment for all applications
- NetLinx™ networking services common across multiple networks
- Connection to existing networks and devices



Bringing Together Leading Brands in Industrial Automation

Key Logix Platforms

- ControlLogix™, a high performance multi-processing system
- ProcessLogix™, a cost-effective DCS control platform
- SoftLogix™, PC-based control from the PLC leader
- FlexLogix™, distributed Flex I/O expanded to include distributed control
- CompactLogix™, value-focused compact I/O coupled with machine control

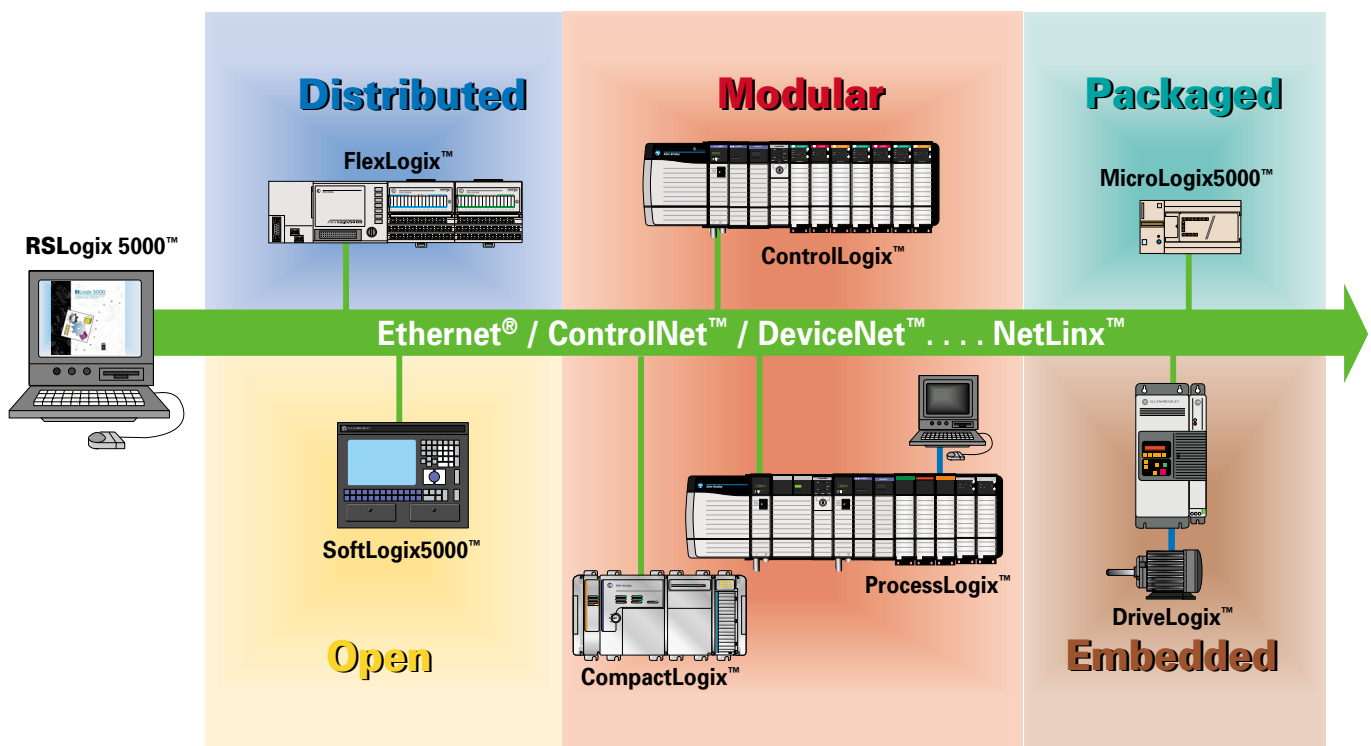
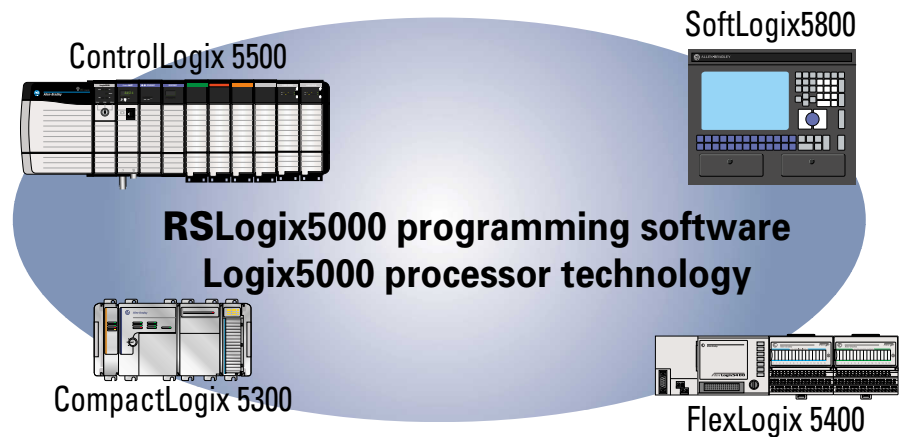
Additional Logix Platforms are being developed to provide solutions that extend from small packaged solutions to complex drive applications.

These Logix Platforms share a common RSLogix 5000 programming environment that offers an easy-to-use IEC 1131-3 compliant interface, symbolic programming with structures and arrays for increased productivity, and an instruction set that serves sequential, motion, process and drives applications.

Savings Resulting from the Application of Logix Platforms

When customers apply Logix Platforms, they achieve genuine short and long term cost reductions. Because all segments of an application can now be controlled using a common platform, users can reduce spares inventories, and conduct fewer operator and maintenance training courses.

Rockwell Automation's Logix Platforms are both scalable and modular, permitting users to automate applications incrementally, starting small and easily expanding to meet future requirements. This approach permits system designers to select among a variety of Logix platforms, choosing the one best suited for a particular segment of the overall control application.



Rockwell Automation's Logix Platforms offer users compatibility of control functionality across a variety of form factors. This compatibility is achieved in part with NetLinx services that are common across networks such as Ethernet, ControlNet and DeviceNet.

At the same time, multiple Logix Platforms can be easily applied in combination with each another. For example, some processes require both DCS functionality plus high-speed discrete, drives, or motion control. In this hybrid environment, a ProcessLogix and a ControlLogix controller can be combined to create a hybrid control system. The controllers communicate to each other across a common equipment chassis or via the system's NetLinX services.

Integration Solutions


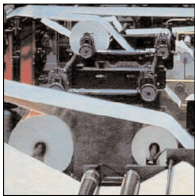


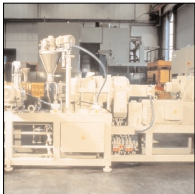
Rockwell Automation's Logix Platforms are extremely flexible. Systems based around them can be used to control a broad range of applications, including:

- pharmaceutical
- specialty chemicals
- oil & gas
- fibers
- food and beverage products
- pulp and paper
- power
- water treatment
- transportation
- mining and metals
- semiconductor industries

For customers who require a turnkey solution, application experts from Rockwell Automation's Engineered Systems and Service and Application Solutions Providers are available to integrate systems based on these Logix Platforms.

Components that make up current Logix Platforms are available through Rockwell Automation's world-wide distribution network, and are supported by a global sales and support network that provides training, field support services, and sales assistance.

Logix Platform, ControlLogix, ProcessLogix, FlexLogix, CompactLogix, MicroLogix 5000, DriveLogix and RSLogix 5000 are trademarks of Rockwell Automation.

Key Logix Platforms		
Control Component	Key Features	Typical Application
ControlLogix	<ul style="list-style-type: none"> • High performance multi-processing system • Multitasking, multi-discipline controller • Transparent communications bridging • Advanced I/O diagnostics • Highly Integrated Motion Control • Thousands of ControlLogix systems sold • Available Now 	
ProcessLogix	<ul style="list-style-type: none"> • Cost-effective DCS control architecture • Uses same set of Logix I/O and networking modules as ControlLogix • Controller-to-controller communications across the backplane to ControlLogix • System server integrates user interface, development, run-time, and diagnostic environment • Available Now 	
SoftLogix	<ul style="list-style-type: none"> • PC-based control from the PLC leader • Same Logix platform benefits while using commercial hardware • Open systems solution • Shared function set and execution model with other Logix Platforms • Tight integration of information & control • Extendable functionality • Available 2000 	
FlexLogix	<ul style="list-style-type: none"> • Expands distributed I/O to include distributed control • Leverages your current Flex I/O investment • Modular, user-installable communication options • Distributed DIN rail mount form factor • Available 2000 	
CompactLogix	<ul style="list-style-type: none"> • Value-focused 1769 Compact I/O • Rackless system configuration • Smallest modular form factor • Ideal OEM machine controller • Available 2000 	

Reach us now at www.rockwellautomation.com

Wherever you need us, Rockwell Automation brings together leading brands in industrial automation including Allen-Bradley controls, Reliance Electric power transmission products, Dodge mechanical power transmission components, and Rockwell Software. Rockwell Automation's unique, flexible approach to helping customers achieve a competitive advantage is supported by thousands of authorized partners, distributors and system integrators around the world.

Americas Headquarters, 1201 South Second Street, Milwaukee, WI 53204, USA, Tel: (1) 414 382-2000, Fax: (1) 414 382-4444

European Headquarters SA/NV, avenue Herrmann Debroux, 46, 1160 Brussels, Belgium, Tel: (32) 2 663 06 00, Fax: (32) 2 663 06 40

Asia Pacific Headquarters, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

