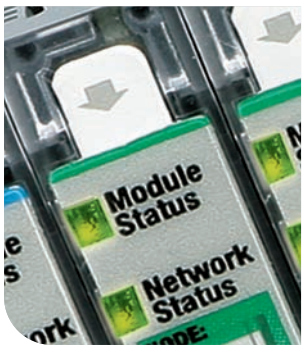
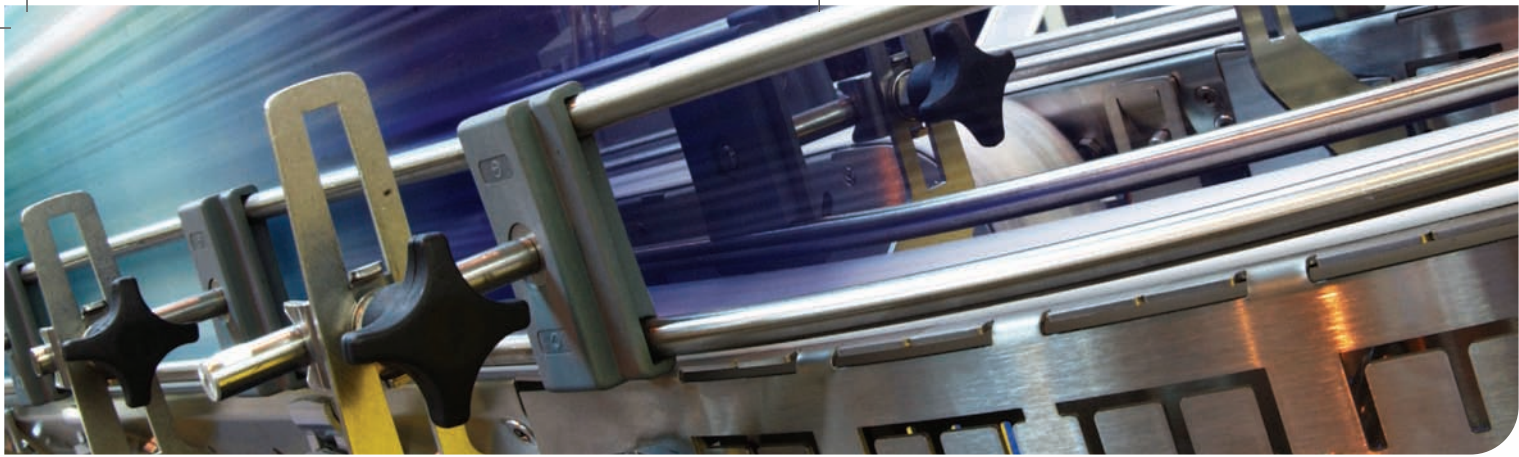


LISTEN.
THINK.
SOLVE.®



INTEGRATED ARCHITECTURE IN ITS SIMPLEST FORM

COMPACTLOGIX AT THE HEART OF YOUR MACHINE



How can you get more out of your machines to maximise your competitive advantage across the full range of automation disciplines? Integrated Architecture is the simple answer – and it's no longer just a large, enterprise-level solution.



POINT I/O

The easier your machines are to commission and tune, the faster you get them to market and the more machines you can produce. Identifying potential causes of failure with POINT I/O and CompactLogix improves system design, assembly and test, which can save you time and money.

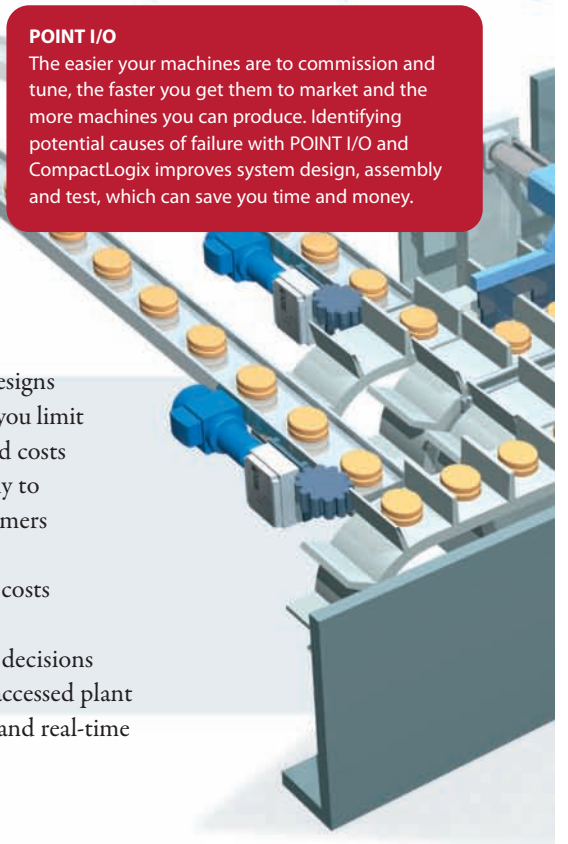
From a single machine to an entire production line, Rockwell Automation Integrated Architecture provides truly scalable solutions for all your automation activities, putting you in complete control of your machines and process. Using our powerful CompactLogix™ controllers, View visualisation platforms, versatile PowerFlex® drives and Kinetix® motion control, and granular POINT I/O™ modules, combined with unrivalled EtherNet/IP™ network connectivity, you'll take the competitive high ground.

Traditional architectures require separate control infrastructures for most factory automation applications – our's doesn't. Our Integrated Architecture helps you reduce Total Cost of Ownership (TCO) by utilising a single control infrastructure across all automation applications.

There's other important benefits, too.

You can:

- Re-use engineering designs and practices helping you limit development time and costs
- Respond more quickly to the demands of customers or the marketplace
- Reduce maintenance costs and downtime
- Make better business decisions through more easily accessed plant and production data and real-time information



AT THE HEART OF YOUR MACHINE

Whatever the type or scale of your operation, putting CompactLogix at the heart of your machine lets you take advantage of the efficiencies and economies offered by Integrated Architecture for your sequential, motion, process control, drive control and information automation disciplines. Rockwell Automation Integrated Architecture has real advantages for:

Machine Builders Deliver higher performance at lower cost, and reduce time to market, while meeting delivery commitments and improving customer support.

Manufacturers Drive higher returns on assets, while increasing the agility and availability of your production equipment – and reducing operational costs.

System Integrators Reduce engineering, development and start-up time, while providing your customers with easily maintained, high-performance systems.

PanelView Plus

Drastically reduce the time to commission and control your machines, with PanelView Plus. RSLogix 5000 common programming software means that you don't need to cross-reference tag names to physical addresses – so you enter data only once.

CompactLogix

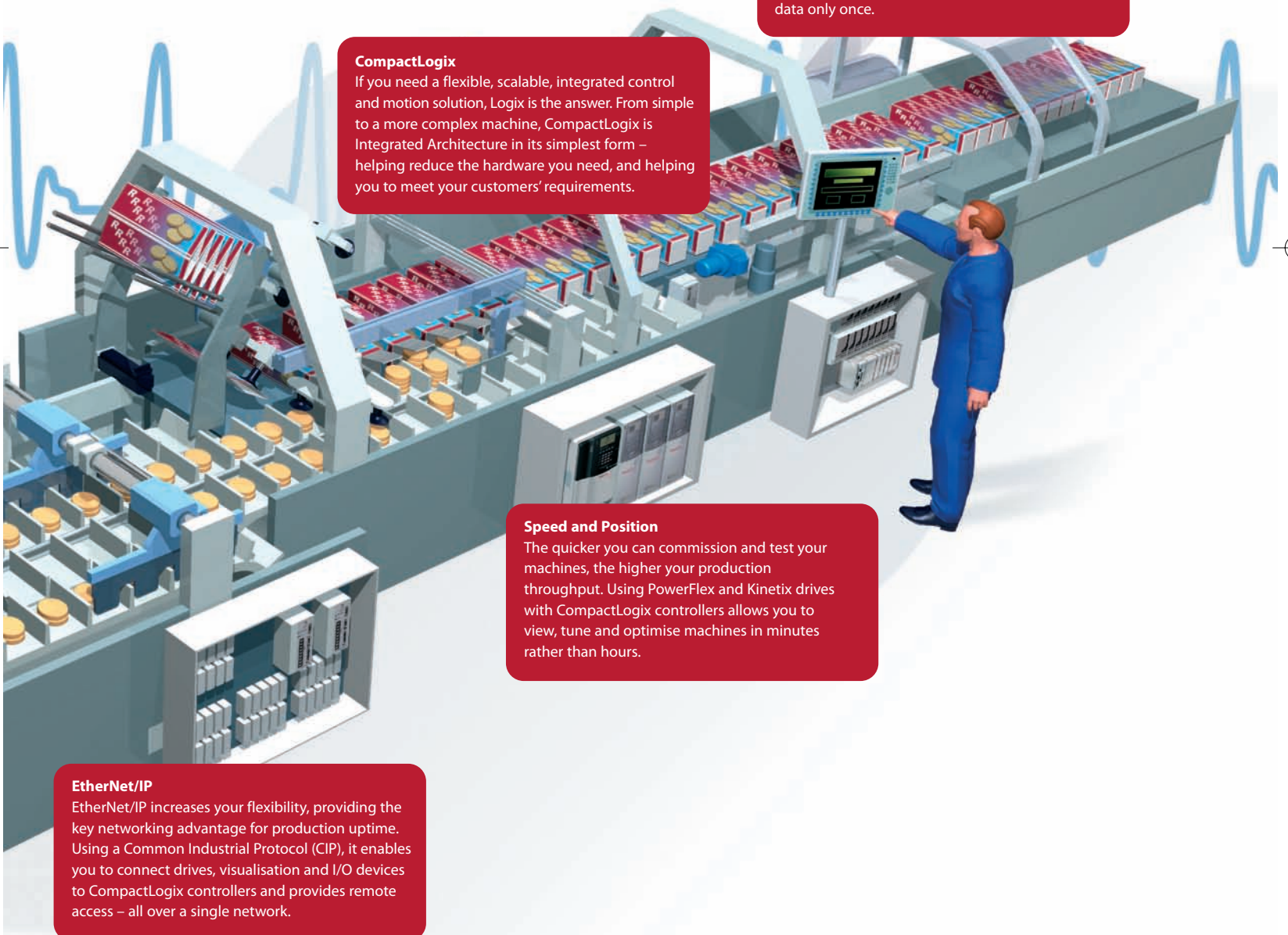
If you need a flexible, scalable, integrated control and motion solution, Logix is the answer. From simple to a more complex machine, CompactLogix is Integrated Architecture in its simplest form – helping reduce the hardware you need, and helping you to meet your customers' requirements.

Speed and Position

The quicker you can commission and test your machines, the higher your production throughput. Using PowerFlex and Kinetix drives with CompactLogix controllers allows you to view, tune and optimise machines in minutes rather than hours.

EtherNet/IP

EtherNet/IP increases your flexibility, providing the key networking advantage for production uptime. Using a Common Industrial Protocol (CIP), it enables you to connect drives, visualisation and I/O devices to CompactLogix controllers and provides remote access – all over a single network.



MEET ALL YOUR NEEDS

WITH ONE COST-EFFECTIVE CONTROLLER



When you need a flexible, scalable, integrated, control solution, CompactLogix meets your needs simply and effectively. It offers more features than a traditional PLC, within a single hardware and software platform – delivering scalability and application portability within an open, modular architecture.

Part of the Logix PAC™ family, CompactLogix gives you all the benefits of the Logix control engine, but in a smaller form factor. Its DIN-rail, flexible installation helps reduce costs, but without loss of functionality. With up to 30 local compact I/O modules, and a choice of communication ports and network connectivity options, CompactLogix is scalable, multi-platformed and multidisciplinary, so it's suitable for any small and midsize application. The Logix control engine is packed with advanced features which help to simplify development, integration and operation of all control applications – from simple to large architectures. In fact, a single CompactLogix controller can do the job of multiple PLC, motion or process controllers – at lower cost and with no loss of performance.



Serial Port
 All CompactLogix controllers have a built-in RS232 port and more than 20 ASCII instructions, allowing the use of multiple protocols to connect devices such as PCs, HMI, modems, barcode readers and printers.

CompactFlash
 An (optional) front-accessible removable CompactFlash memory card slot is provided, so OEMs can ship the CompactFlash with program modifications to a remote end-user, saving on travel costs.

EtherNet/IP
 An integrated 100Mbps EtherNet/IP port enables the mixing of commercial and industrial technologies. It also enables real-time I/O and drive control, device configuration, data collection, peer interlocking and the planning of floor-to-enterprise connectivity.

Like all our Integrated Architecture products, CompactLogix controllers share our common application programming and configuring environment. They also offer multiple communications options, enabling distributed processing power across a wide range of networks.

	1769-L31	1769-L32E	1769-L32C	1769-35E	1769-L35CR	1768-L43	1768-L45
Memory	512 Kbytes	750 Kbytes	750 Kbytes	1.5 Mbytes	1.5 Mbytes	2 Mbytes	3 Mbytes
Battery Supported	Yes	Yes	Yes	Yes	Yes	Not needed	Not needed
Non-Volatile Memory (optional)	64 Mbytes (CompactFlash)						
Max. Local I/O Modules	16	16	16	30	30	16	30
Program Task	4	6	6	8	8	16	16
Minimum I/O Update Period	1 ms						
Communication							
Serial Ports	2 x RS-232		1 x RS-232				
Serial Protocols	DF1, ASCII, DH-485, Modbus						
NetLink Built-in Ports	0	1	1	1	1	2(1)	2(1a)
Additional Channel Ports	Up to 16	EtherNet/IP Up to 16	ControlNet Up to 16	EtherNet/IP Up to 30	ControlNet Up to 30	2+16 (3)	2+30 (3a)
EtherNet/IP (2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ControlNet	No	No	Yes	No	Yes	Yes	Yes
DeviceNet	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3rd parties	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Motion Control							
Instruction set/number	n/a	n/a	n/a	n/a	n/a	Yes / 38	Yes / 38
Virtual Axis	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SERCOS Axis	n/a	n/a	n/a	n/a	n/a	4+2	8+4
Drive Control							
Interface							
Analog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
EtherNet/IP	No	Yes	No	Yes	No	Yes	Yes
ControlNet	No	No	Yes	No	Yes	Yes	Yes
DeviceNet	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SERCOS	n/a	n/a	n/a	n/a	n/a	Yes	Yes
Process Control							
FBD Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dedicated Process Instructions	42	42	42	42	42	42	42
HART Interface	Yes	Yes	Yes	Yes	Yes	Yes	Yes
I/O Count (4)							
Local Digital I/O	512	512	512	960	960	512	960
Remote Digital I/O	Limited by memory size and connections						
Local Analogue I/O	128	128	128	240	240	128	240
Remote Analogue I/O	Limited by memory size and connections						

See the full range of options, including full technical specs at www.ab.com/compactlogix

(1) 1768-L43 has two slots on the 1768 bus. Either 2 network slots or 1 network slot and 1 SERCOS slot
 (1a) 1768-L45 has 4 slots, supporting any mix of the 2 SERCOS and 2 NetLink slots.
 (2) All CompactLogix controllers can connect to the serial port an EtherNet/IP to Serial interface (1761-NET-ENI or 1761-NET-WEB)

(3) Up to two 1768 communication modules + up to 16 1769 communication modules
 (3a) Up to two 1768 communication modules + up to 30 1769 communication modules
 (4) Refer to the 1769 [1769-SG001] and 1768 [1768-SG001] Selection Guide for number of connections.

GET ULTIMATE DATA AND CONTROL

A SINGLE NETWORK WHENEVER, WHEREVER YOU NEED IT



EtherNet/IP increases flexibility and provides the key networking advantage for maximising production uptime. By using the Common Industrial Protocol (CIP), it enables you to connect drives, visualisation and I/O devices to CompactLogix controllers, and provides remote access, too – all on a single network.

EtherNet/IP

Even when you need a network for both shop-floor operations and top-floor business, you don't need two networks – with EtherNet/IP, you can integrate all your data and control needs into a single system.

More than just a fieldbus, EtherNet/IP uses standard Ethernet technology, combined with an advanced industrial protocol. Nor is it simply a standards-based network; it's a fully open industrial networking standard, allowing ControlNet[™] and DeviceNet[™] users to connect quickly and easily for fast plug-and-play access. Supporting both real-time I/O messaging and message exchange, EtherNet/IP also supports both 10 and 100Mbps products, and will operate



CONTROL FLEXIBILITY

over a range of media options: copper, fibre, fibre ring and wireless. By using your existing network infrastructure and architecture, you can realise the operational advantages of managing a single network across your entire organisation.

ControlNet

A robust, open, deterministic, optional media redundancy and secure I/O network, ControlNet is suitable for the most challenging, real-time, high-throughput applications. Using proven CIP technology, it combines the functionality of I/O and peer-to-peer networks, providing high-speed performance for both functions. A ControlNet network can support up to 99 nodes with no minimum spacing, while programming, processor-to-processor interlocking and I/O control are all on the same link without affecting time-critical I/O.

DeviceNet

An open, low-level network which provides connections between simple industrial devices, such as sensors and actuators, and higher level devices such as controllers and computers. DeviceNet is a highly cost-effective solution for simple devices, and – as with EtherNet/IP and ControlNet – it provides control, configure and data collection capabilities, together with master/slave, change-of-state and peer-to-peer capabilities.

Naturally, your networking requirements will be highly specific. The flexibility of Rockwell Automation's Integrated Architecture means you can choose from a range of options, according to your needs.

CIP Network Differentiators

Differentiator	Value
Control, configure, collect on one wire	Eliminates the need for multiple, application-specific networks
Seamless bridging and routing	No extra programming or hardware required
Open, standard and established	Competition among vendors challenges each to add valuable functionality
Common protocol	Each network uses the CIP protocol so no extra training to install and maintain different networks
Choice of topology and capacity	Flexible options so network layout can be very efficient with plenty of room for expansion
Premier Integration with Logix PACs	Built-in tag generation with easy to use tag naming and diagnostic information
Tune-ability	Optimising performance made easier by clearly defining tunable network parameters

See the full range of options, including full technical specs at www.ab.com/networks

REDUCE TIME

TO MARKET AND INCREASE MACHINE PERFORMANCE



Potential causes of failure are also potential causes of delays in getting your machines commissioned, tuned and to market. Identifying such failure points, using POINT I/O and CompactLogix with built-in diagnostics, helps to improve system design, assembly and test, saving both time and money.



The increasing popularity of a modular approach to manufacturing makes the capabilities of Compact, POINT, ArmorPoint® and ArmorBlock® I/O highly attractive. Suitable for use in almost any application environment – from consumer to transportation markets – these I/O product lines are ideal wherever flexibility and low cost of ownership are key.

Unique and patented platform

Compact I/O™ is optimised for use with CompactLogix controllers, functioning as distributed I/O with the appropriate network adapter. The Compact I/O family offers innovation and flexibility in a unique, patented I/O platform. It provides excellent performance, functionality, and ease of use. Rack-type features in a rackless design lower costs and reduce replacement parts inventory. A unique, patented bus connector is movable to allow easy module exchange or replacement, and is a key element of the front insertion and removal feature. 16- and 32-point modules provide high-density I/O in a small package. This permits Compact I/O

Distributed I/O			Chassis-based I/O
	POINT I/O	ArmorPoint	ArmorBlock
			Compact I/O
I/O Types	Digital, AC, DC, Analog, Thermocouple, RTD, Specialty	Digital, AC, DC, Analog, Relay, Thermocouple, RTD, Specialty	Digital DC
Module Density	1 to 8 points per module		8 and 16 points per module
Network Connectivity	Modular style: DeviceNet, ControlNet and EtherNet/IP		Block style: EtherNet/IP and DeviceNet
Environmental Style	IP 20, Class I, Div 2/Zone 2, Marine Certification, European ATEX Zone 2 3G	IP 69K	IP 69K
Special Features & Diagnostics	Alarming & Annunciation, Short-circuit Protected Outputs, Open Wire and No Load Detection with Electronic Feedback, Flash Upgradable Firmware, removal and insertion under power		Outputs electronically protected; I/O self-configuring
Termination Choices	Removable: Spring, screw, cold junction compensation, 12-wire	M8, M12, M23 Quick Disconnect	M12, M8, Quick Disconnect
			Screw-NEMA, RTB, Remote Termination
See the full range of options, including full technical specs at www.ab.com/io			

to fit into smaller-sized footprints while still providing high I/O counts. Flexible, world-class mounting options permit DIN-rail or panel mounting. Removable terminal blocks and finger covers speed module replacement and meet worldwide market needs. Individual point diagnostic LEDs make troubleshooting easy.

Greater productivity, less waste

POINT I/O allows OEMs to be more productive and less wasteful, without compromising on flexibility or quality. Installation design is typically reduced by 10-25% – resulting in a proportional reduction in the cost of the complete system. The removable wiring system of POINT I/O can save up to 70% on existing commissioning, troubleshooting and calibration costs, and its Automatic Device Replacement (ADR) system allows for the addition

or removal of I/O modules without reconfiguring the entire system. You'll see immediate savings at the installation stage, and assembly is a simple matter of sliding and locking parts in place. Likewise, when maintenance or troubleshooting demands disassembly - the reverse process is equally quick and easy.

Saving control and marshalling cabinet costs

With the decreasing use of control and marshalling cabinets on plant floors, the mounting capability of ArmorPoint I/O – directly on machine - is a highly attractive feature. Because it's based on the same system design and diagnostic features, you can leverage your knowledge of POINT I/O and save valuable training costs. ArmorPoint is specially designed for use in harsh environments without the need for a protective enclosure.

GET MACHINES OUT FASTER

SIMPLIFIED PROGRAMMING AND CODE RE-USE



Dramatically reduce the time required to design and install an operator interface terminal. Powerful, common programming software will cut the time you need from hours to minutes.

Save Time

You need your machines to be deployed as quickly as possible, PanelView™ Plus can help, it's common development software package, RSVIEW® Studio, allows the user to browse directly to the controller to select tag names, eliminating synchronisation and cross-referencing problems making new tags in the controller automatically available to the operator interface.

Global objects can be re-used multiple times, and changes made in a single location will be reflected everywhere the object was used. Pre-developed faceplates are available to work with control objects in the Logix controller, such as PID and PhaseManager, along with PowerFlex drives with Kinetix motion for both control and diagnostics. This allows fast, easy design and integration of a cohesive system which is easy to operate and maintain.





Save Money

Product variety and intelligent design help you save money. The scalable PanelView Plus offering allows to select the right product for each project without the need for application re-engineering. Displays are available from 4" monochrome up to 15" TFT colour. Input options include function keys for dirty applications, touch screens for more intuitive control or a combination of both.

A wide range of communication options (EtherNet/IP, RS232, ControlNet, DeviceNet, DH+, RIO and various third party) are available to meet your applications connectivity needs and ensures your HMI can interact with virtual any automation controller.

All display sizes run FactoryTalk View applications. On the 7" to 15" displays, the FT View functionality can be extended to rich content, open platform, Windows CE features by choosing the PanelView Plus CE terminals. The FT View applications can embed Terminal services, Document viewers for various formats like Adobe Acrobat,

Excel, Word, Autocad, HTML, MPEG and real-time video. FTP server and remote control are also part of the extended functionality on the PanelView Plus CE terminals. The included development toolkit enables Machine Builders to develop ActiveX Controls to address customer specific needs.

For fast installation, no tools are required for patented 4" and 6" units.

All this functionality come in a modular design, giving you and your customers fast access to the product you need, along with reduced inventory, to further cut design, manufacturing and maintenance costs.

	PanelView Plus 400	PanelView Plus 600 Greyscale	PanelView Plus 600 Colour	PanelView Plus 700 & PanelView Plus CE 700	PanelView Plus 1000 & PanelView Plus CE 1000	PanelView Plus 1250 & PanelView Plus CE 1250	PanelView Plus 1500 & PanelView Plus CE 1500
Display Size	78x59mm (3.7in)	111x84mm (5.5in)	111x84mm (5.5in)	132x99mm (6.5in)	211x158mm (10.4in)	246x184mm (12.1in)	304x228mm (15.1in)
Resolution	320x240 32 level greyscale (FSTN)	320x240 32 level greyscale (FSTN)	320x240 18-bit colour (TFT)	640x480 18-bit colour (TFT)	640x480 18-bit colour (TFT)	800x600 18-bit colour (TFT)	1024x768 18-bit colour (TFT)
Operator Input	Keypad	Keypad, touch or keypad & touch					
Network Connectivity	Built-in Ethernet/IP, RS-232 and USB. Expandable to ControlNet, DeviceNet, DH-485, DH+, Remote I/O or Third Party devices						
Memory Options	64 Mb internal Flash/RAM + CF Card slot for additional data storage.			From 64Mb to 256 Mb internal Flash/RAM + CF Card slot for additional data storage.			
Functionality	Full featured graphical operator terminal, including Recipe handling, Trending, Alarming, Data logging, Security.			Full featured graphical operator terminal, including Recipe handling, Trending, Alarming, Data logging, Security. PanelView Plus CE option expands functionality to remote access, FTP server, Microsoft Terminal Services, ActiveX components, Internet Explorer, document readers (Excel, Word, Acrobat,...)			

For up-to-date specification information, visit http://www.ab.com/eoi/graphicterminals/panelview_plus/index.html

FAST MACHINE COMMISSIONING

SPEED AND POSITION WITH INTELLIGENT MOTOR CONTROL



You want a solution which will make machines faster to commission and easier to maintain, while reducing total cost of ownership. Our Compact Machine Solutions will help.

The ability to fully integrate speed, torque and position control is a fundamental element of our Compact Machine Solutions. This means that they can be implemented using a single, integrated control platform with a single programming environment for development and system maintenance. The result is that significant advantages over other system approaches can be easily achieved.

Every drive, from variable speed to multi axis servo drives, is designed to provide the performance and control you need to achieve your production goals. With specific embedded application features, one programming environment and seamless integration, they help you achieve the enterprise-wide control you need, via the benefits of a truly integrated and transparent integration system.



ONING

With Compact Machine Solutions, there's just one software solution – RSLogix 5000. This makes it easy to program and optimise your drives, as all programming codes are embedded in the CompactLogix, allowing you to access, optimise and automatically download parameters, either to existing or new drives. When coupled with PowerFlex speed drives and Kinetix servo drives, you'll find CompactLogix lets you reduce engineering time, shorten development cycles, reduce the need for after-sales support – and save time, money and effort.

Kinetix offers a broad range of high performance servo motors, linear and rotary actuators. By using the advantages of the smart motor technology the motors and actuators are offering automatic identification of the specific item connected to the drive. This reduces commissioning time and safeguards against incorrect motor replacement. A variety of motors are available to offer the ideal combination of performance and cost-effectiveness.

	PowerFlex 40	PowerFlex 40P	PowerFlex 70	PowerFlex 700	Kinetix 2000	Kinetix 6000	Ultra 3000
Power Rating	0.37..2.2kW @ 240V single phase			0.75..132kW @ 400V 3-phase			0.5..3kW @ 230V 1-phase
	0.37..11kW @ 400V 3-phase	0.37..11kW @ 400V 3-phase	0.37..37kW @ 400V 3-phase	45..132kW @ 690V 3-phase	0.3..1.9kW @ 230V 1-phase	1.2..11kW @ 230V 3-phase	1.5..15kW @ 230V 3-phase
	240V, 480V & 600V 3-phase also available	240V, 480V & 600V 3-phase also available	240V, 480V & 600V 3-phase also available	240V, 480V & 600V 3-phase also available	0.3..3kW @ 230V 3-phase	1.8..22kW @ 460V 3-phase	3.0..22kW @ 460V 3-phase
Motor Type	AC Motors	AC Motors	AC Motors	AC Motor	AC brushless servo motors, Linear and rotary actuators		
Specific Features	V/Hz and Sensorless Vector Control	V/Hz and Sensorless Vector Control	V/Hz, Sensorless Vector and Flux Vector Control	V/Hz, Sensorless Vector and Flux Vector Control	Rack based format with plug in servo drive modules	Rack based format with plug in servo drive modules	Single axis bookcase design offers maximum flexibility with scalability
	StepLogic with AND/OR and timer/counter functions	StepLogic with AND/OR and timer/counter functions	IP 66 versions also available Safe-off functionality to EN 954-1 Cat. 3	TorqProve functionality with automated brake control Position regulator and 16 step indexing table (with encoder feedback)	Up to eight axes per rack with optional shunt for highly dynamic applications Fast connection using SERCOS fiber optic network. With L45 up to 8 axes of coordinated motion	Up to eight axes per rack with optional shunt for highly dynamic applications Fast connection using SERCOS fiber optic network. With L45 up to 8 axes of coordinated motion	Up to 8 axes of coordinated motion using SERCOS network and L45 Up to ~10 axes on DeviceNet for simple distributed Indexing applications

See the full range of options and specifications at www.ab.com/drives & www.ab.com/motion

MEET ALL YOUR AUTOMATIC PROGRAMMING NEEDS

USE JUST ONE SOFTWARE PACKAGE



Programming and documentation accounts for a significant part of the costs in a control system project. So programming software which is fast and effective is important. RSLogix™ 5000 further cuts costs through its comprehensive functionality.

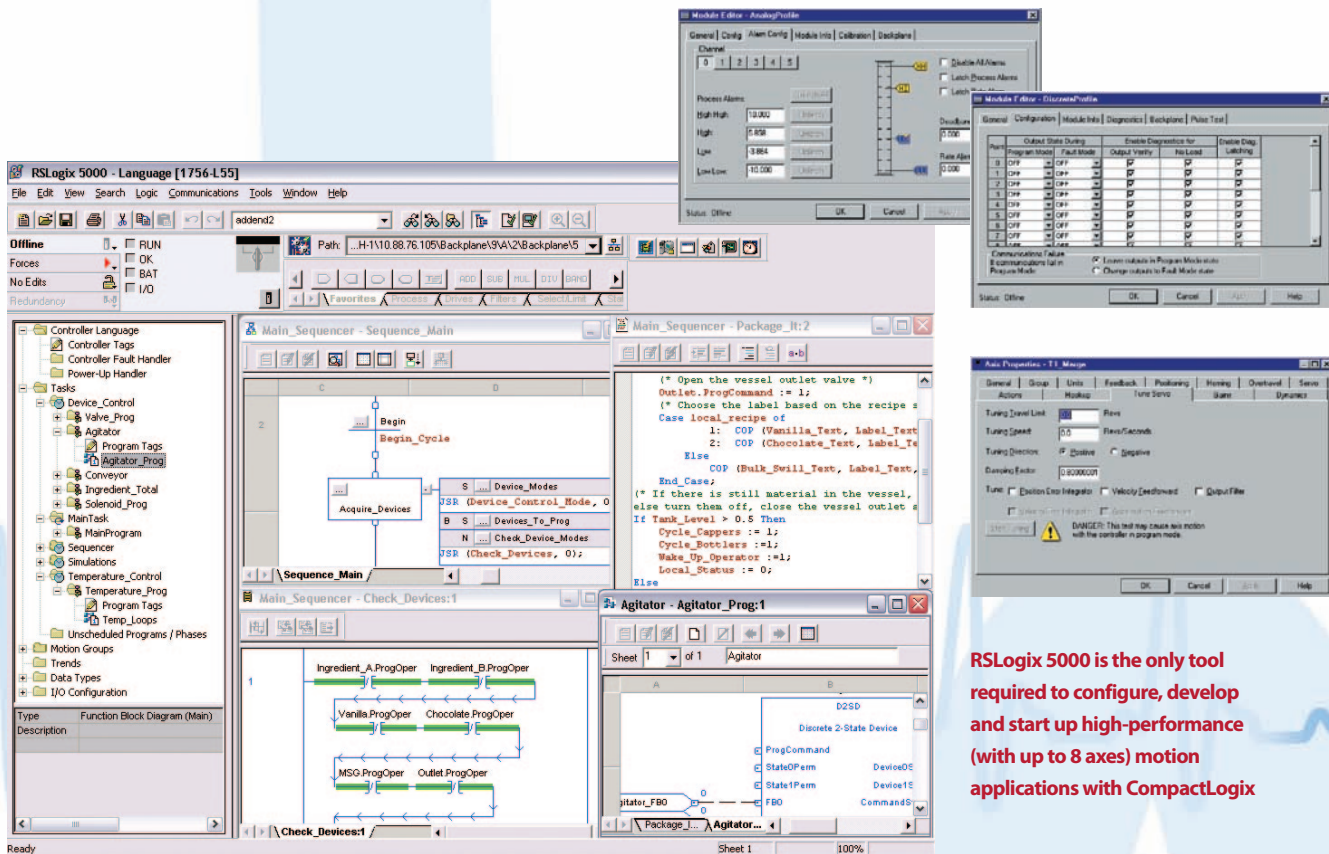
Specifically designed to work with Rockwell Automation Logix Platforms – including CompactLogix – RSLogix 5000 Enterprise Series software is the only software package you need. In fact, a single Logix controller can do the job of multiple dedicated PLC motion or process controllers with better performance and reduced costs.

RSLogix 5000 features:

- Flexible, easy-to-use editors, for relay ladder, function block diagram, structured text and sequential function chart
- Robust, specialised instruction set, including industry-specific instructions for process, drive and motion applications
- Superior diagnostic capabilities with graphical, real-time data histograms
- Highly-integrated motion capabilities with wizard-based axis and drive configuration for easy-to-use programming



ION



RSLogix 5000 is the only tool required to configure, develop and start up high-performance (with up to 8 axes) motion applications with CompactLogix

Everything in the system is easily accessible via the graphical controller organiser

Use your own data structures to simplify application development and improve data access

- On-line program and configuration editing support
- Add-On Instructions allow you to encapsulate your most commonly used logic as sets or reusable instructions.
- Integrated drives configuration, including full configuration and download support for the Rockwell Automation PowerFlex family of drives

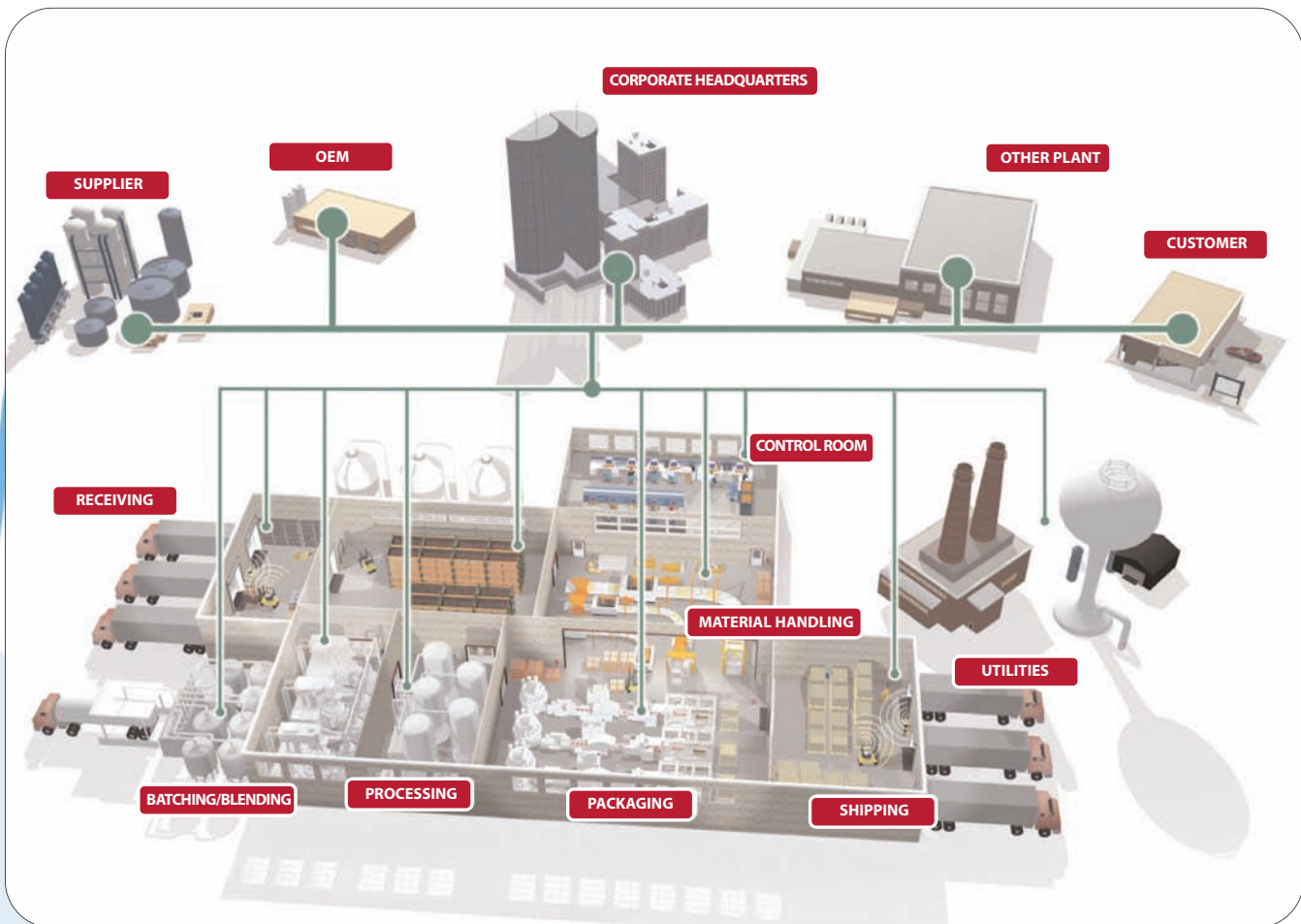
RSLogix 5000 simplifies the development, integration and operation of all control applications, from simple dedicated controls to large multi-controller architectures with thousands of controlled points. It's easy to use, with an IEC61131-3 compliant interface, symbolic programming with structures and arrays and a comprehensive instruction

set that serves a wide range of applications. Supporting Advanced Ladder Diagram, Structured Text, Function Block Diagram and Sequential Function Chart editors, RSLogix 5000 makes application development quick, easy and intuitive.

To reduce costs and save even more time in the control system development phase, RSLogix 5000 allows for the re-use of previously written code and documentation.

REAP THE BENEFITS OF COLLABORATION

INTEGRATED ARCHITECTURE IN ITS SIMPLEST FORM



Rockwell Automation Integrated Architecture is different from other architectures. Why? because it combines the full range of automation disciplines, using a single control platform, a single information platform, a single development environment and a single open communication protocol. The benefits are enormous: lower development costs; faster customer response; reduced maintenance and downtime, and improved information access for decision making.

Plant-wide information

More than ever before, real-time information is critical for making informed decisions, improving agility, increasing productivity, reducing costs and ensuring regulatory compliance. FactoryTalk[®] as an integrated production management and performance software suite, it allows companies to capture, process and distribute critical data in one easily-managed software environment and provides premier integration with the CompactLogix solution – plus full interoperability with other manufacturing and business systems.

Material handling capabilities

CompactLogix will help you turn material handling into a competitive advantage. That's because our unrivalled expertise, coupled with an unparalleled breadth of compatible products, domain experts and partners, will help you respond more quickly to market requirements and give your customers the service they need. With our help, you can help your customers improve their operations and improve your competitive advantage at the same time.

Packaging capabilities

Today, packing equipment needs to be both scalable and flexible. At the same time, it must offer ever-increasing speed and accuracy, a hard combination to meet. But CompactLogix does so incredibly effectively. As a single hardware and software solution, with programming templates and tools, it's the perfect way to meet the challenges you face in today's packaging environment.



Process capabilities

When it comes to control and batch applications, CompactLogix gives you true scalability and cost effectiveness. Since it shares the same process control instruction set with the RSLogix 5000 software, it offers real efficiencies for batch applications where RSLogix 5000 with PhaseManager will streamline the design and implementation of an S88-designed batch system. The result is improved productivity, better asset utilisation and enhanced quality with faster times to market. And that's not all. CompactLogix also lets you unify applications on a plant-wide level, so you can synchronise operations and optimise the decision-making process.

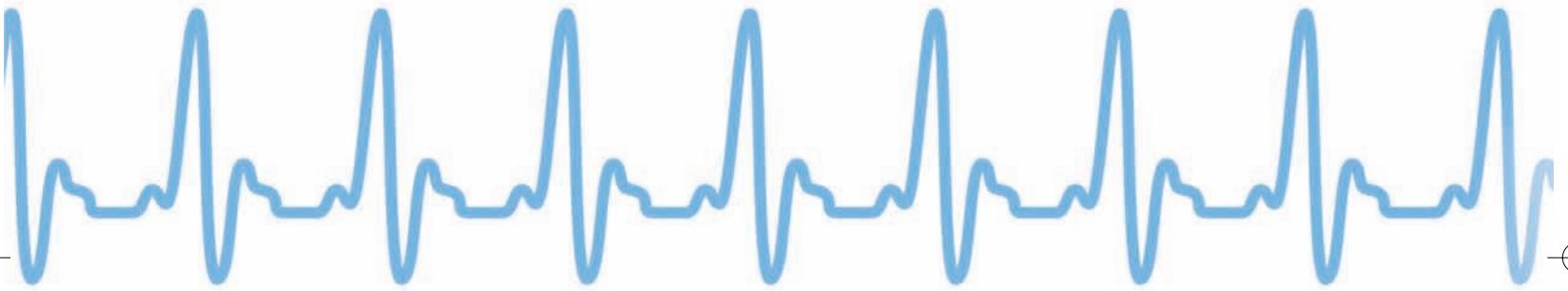
Safety capabilities

Whatever your safety challenges, you'll find we can bring real value to your machine or enterprise. Our industry-leading expertise in machine safety and industrial automation means that we understand your business issues and can implement safety solutions which perfectly meet your goals. These solutions are built using the broadest – and most advanced – safety-product portfolio in the world – products which are designed and manufactured to the very highest standards of reliability, stability and quality.

EXPERIENCE GLOBAL SUPPORT

WITH CENTURY-AGE EXPERIENCE

For every automation challenge, Rockwell Automation brings more than 100 years of experience in manufacturing. We have specialists – from virtually every major manufacturing industry – who understand the key business issues as only insiders can. It is expertise which can help you develop and maintain a competitive edge in building unique solutions for your customers.



Global Reach

Supporting you worldwide is the global network of service and supply from Rockwell Automation. With more than 3,500 distributors and representatives, it also encompasses some 5,000 consultation and support personnel and authorised distributors, across more than 80 countries. The result is that, whether your market is near or far, Rockwell Automation can provide your customers with local parts, support and services. So you can standardise on a single platform, simplifying parts and inventory management.

)RT



Standards compliance

Today's global economy means that your equipment needs to comply with a proliferation of codes and standards. Which can be costly, especially for smaller OEMs. Our products are designed with these stringent regulations in mind, so that your equipment meets industry standards around the world.

Service and Support

An integrated, collaborative maintenance strategy that includes the right combination of reactive, preventive and predictive methods can help you reduce downtime, operate equipment to specifications and expedite improvements. Rockwell Automation is qualified to help you and your customers meet your production and business goals through strategic maintenance. From our Integrated Architecture to our global network of spare parts hubs, field engineers, and phone support, repair and training centres, we can provide you with the precise mix of resources you need. This will help you optimise the performance and utilisation of your automation assets and improve your top and bottom line.

For more information on our maintenance-related products, please visit: www.rockwellautomation.com/services

Asset Management

Proactively managing the costs of spare parts can reduce unplanned downtime, extend equipment life and minimise repair and carrying costs. Through our Asset Management services, we can help you ensure the right product is in the right place at the right time.

Training Services

People make a difference; well-trained people make a big difference. Our tailored training and engineering support will help you significantly improve the efficiency of your team, by giving them the skills to maintain both legacy systems as well as today's advanced automation technologies.

TechConnect™ Support Programme

A higher level of support for today's complex industrial systems. Whether it's in the engineering phase, or at your customer's site, a degree of reactive maintenance is highly recommended. And support doesn't come better than TechConnect, a world-class, real-time service designed to provide you with a competitive edge in today's dynamic and highly competitive marketplace.

With TechConnect Support, you have unlimited access to Rockwell Automation's global network of award winning Customer Support centres and technical resources.

INTEGRATED ARCHITECTURE

SIMPLIFICATION TOOLS

With manufacturers continually seeking to reduce the amount of time they spend configuring and installing control systems, the ability to access time-saving tools and resources in a single location is extremely helpful. Which is precisely why we've launched our new Integrated Architecture Tools website.

Designed to help customers reduce the complexity of selecting, designing and configuring control systems, the Integrated Architecture Tools site offers a fast and efficient way to get answers to questions related to Integrated Architecture and control system design, configuration and installation.

Available in eight languages, the site is beneficial both for first-time users and veterans, and offers access to a superb selection of time-saving tools and resources which include:

- Sample Code Library
- CompactLogix System Quick Start Guide
- CompactLogix Performance and Capability Resources
- Integrated Architecture videos
- DeviceNet Tag Generator Tool

Using control, networking, visualisation and information technologies, the website addresses a full range of control and information needs for discrete, motion, process and batch, drive and safety control applications.

For more information about Integrated Architecture and/or the new resources, please visit

www.rockwellautomation.com/go/iatools.

www.rockwellautomation.com/think/yourfuture

compact-ia@ra.rockwell.com

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Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

