THE REYNOLDS COMPANY
ELECTRICAL SUPPLY

TechTalks
Online Seminars

Legacy SLC 500 to CompactLogix5380 Migration

April 23, 2020

Our presentation will begin at 10:00 am Central

Modernizing your SLC™ 500 and CompactLogix™ L32E, L35E, L4x control systems to a CompactLogix™ 5380 control system made easy

Tim Leo • Product Manager | 02 . 20 . 20

Rockwell Automation

expanding **human possibility**™

Important to Know Your Installed Equipment Base

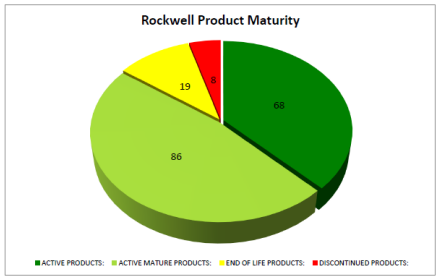
Installed Base Evaluation - Hardware

In most industries, less than 20 percent of companies can answer "yes" to more than two of these:

- Do you have an accurate plant model that identifies all of the physical assets in your plants?
- Do you have an updated complete bill of materials for your critical assets?
- Do you know which parts are still being manufactured?
- Do you know which parts have been announced for discontinuation or are already discontinued?
- Do you have the right spare parts if a critical machine goes down?
- Do you have an efficient and accurate process for maintaining storeroom inventory?

Installed Base Evaluation™ (IBE)

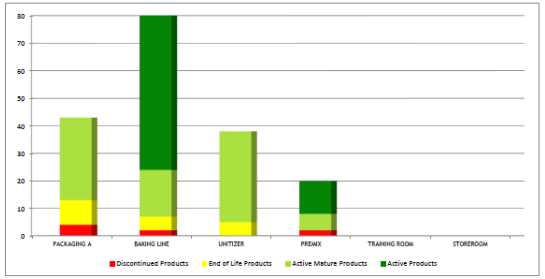
Definition: An IBE is a site delivered service that provides actionable intelligence to help you make data-driven decisions regarding the support and obsolescence management of your installed base assets



Value

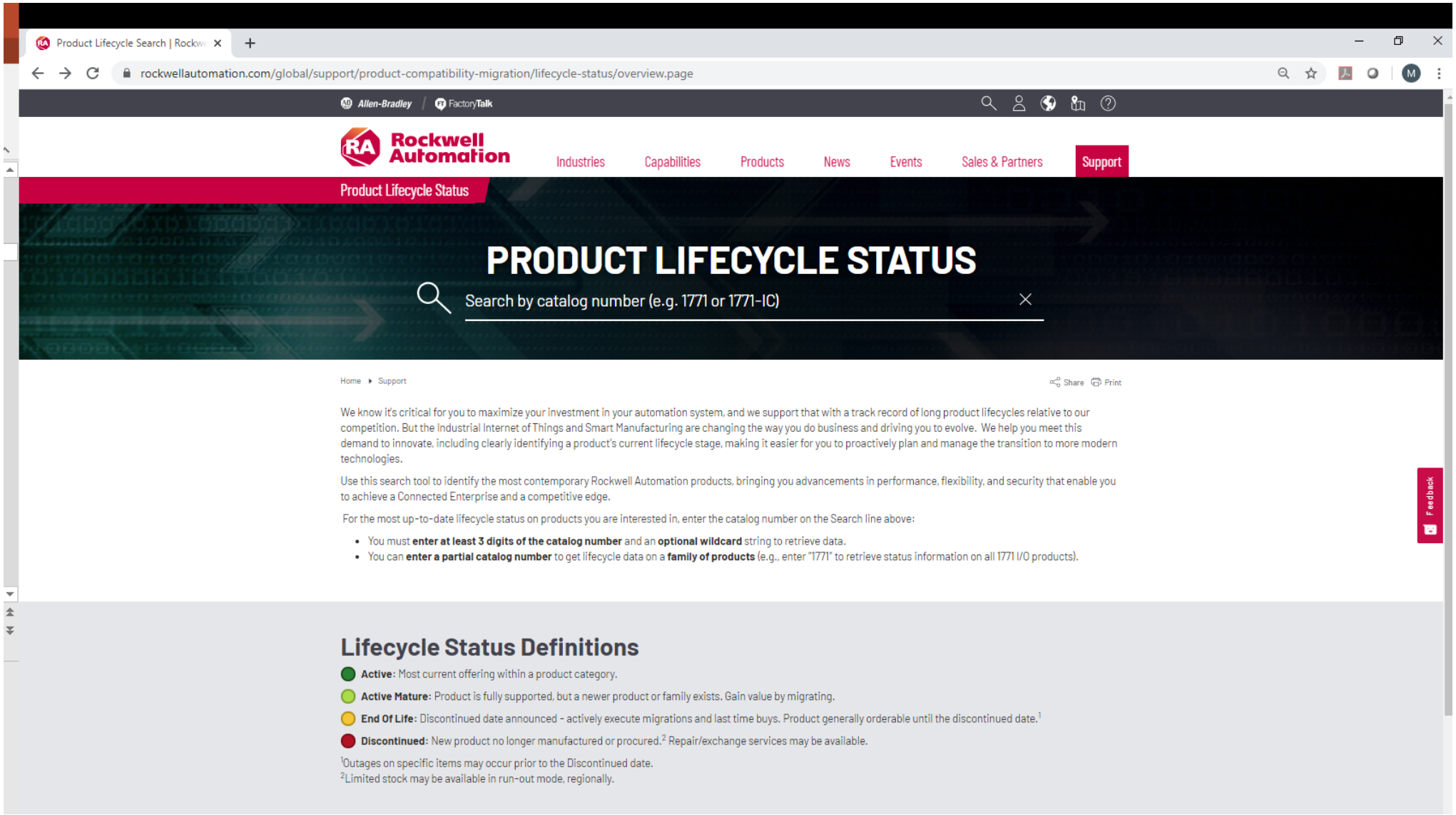
- Identification of product lifecycle status via plant hierarchy
- Identification of legacy obsolescence risks
- Identification of excess/shortage of spare parts
- Mechanical and other OEM electronics may be included
- Identification of migration/conversion priorities
- Baseline for determining a Strategic Maintenance Program

Location	Total	EOL & Discontinued Products		Active Products		Active Mature Products		End of Life Products		Discontinued Products	
	#	#	%	#	%	#	%	#	%	#	%
PACKAGING A	43	13	30%	0	0%	30	70%	9	21%	4	9%
BAKING LINE	80	7	9%	56	70%	17	21%	5	6%	2	2%
UNITIZER	38	5	13%	0	0%	33	87%	5	13%	0	0%
PREMIX	20	2	10%	12	60%	6	30%	0	0%	2	10%
TRAINING ROOM	0	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
STOREROOM	0	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Page Totals	181	27	15%	68	38%	86	48%	19	10%	8	4%



Area Name	Location Nam	Machine or Storeroom Nam	Asset Name or Storeroom Type	Firmware Version	Required Softwar	Manufactur	Part Numb	Serie s	Description	Replaceme nt Part	Quan	List Pric	Total Pric	Lifecycl e Stat
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	1769-IQ16		COMPACTLOGIX 16 POINT D/I MODULE		4	$ 253.00	$ 1,012.00	A
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	1769-L32E		COMPACTLOGIX PROCESSOR 750KB		2	$ 3,220.00	$ 6,440.00	A
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	1769-OW16		COMPACTLOGIX 16 POINT D/O MODULE		2	$ 421.00	$ 842.00	A
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	1769-PA4		COMPACTLOGIX POWER SUPPLY		2	$ 475.00	$ 950.00	A
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	1769-SM2		COMPACT I/O TO DSI COMMUNICATION MODULE		2	$ 659.00	$ 1,318.00	A
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	22B-D010N104		POWERFLEX 40 4 KW (5 HP) AC DRIVE		6	$ 1,100.00	$ 6,600.00	AM
MIXING	PREMIX	PREMIX DUMPER	PREMIX DUMPER CONTROL PANEL			ROCKWELL	2711P-T10C4A1	A	PANELVIEW PLUS TERMINAL	2711P-T10C4A8	2	$ 6,615.00	$ 13,230.00	D
PACKAGING	BAKING LINE	BAKING FORMER	BAKING FORMER CP			ROCKWELL	1756-A13		CONTROLLOGIX 13 SLOTS CHASSIS		1	$ 775.00	$ 775.00	A

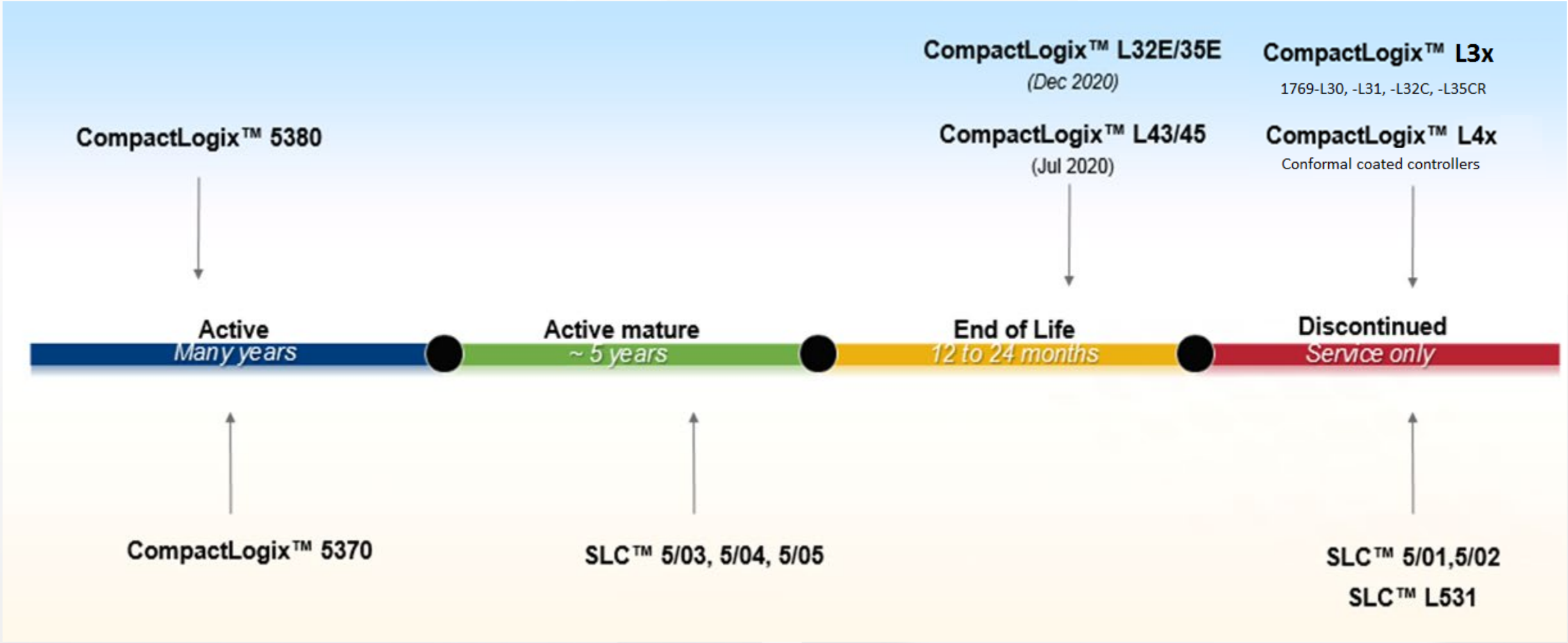
- # RA Product Lifecycle Status Web Page



Agenda

1. Lifecycle and longevity information
2. CompactLogix™ L32E/L35E & L43/L45 hardware migration to CompactLogix™ 5380 controllers
3. SLC™ hardware migration to CompactLogix™ 5380 controller
4. Integrated Architecture® Builder (IAB) SLC™ migration wizard
5. 1492 I/O Wiring System – SLC™ I/O to Compact 5000™ I/O
6. RSLogix 500® to Studio 5000® application - code conversion
7. Modernization resources & common questions

Product lifecycle status - CompactLogix™ and SLC™ controllers



SLC™ control platform longevity

- 30+ years of achievement for SLC™ 500 control platform
- More than 100 products satisfying the requirements of diverse applications
- Continues to be in demand
- Consider migration to Logix controllers
    - Some 1747 processors are discontinued
    - Some 1746 I/O modules are discontinued and several are End of Life
    - 1747 processors that are active mature

1747-L532 – SLC 5/03 16K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L533 – SLC 5/03 32K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L541 – SLC 5/04 16K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L542 – SLC 5/04 32K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L543 – SLC 5/04 64K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L551 – SLC 5/05 16K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L552 – SLC 5/05 32K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

1747-L553 – SLC 5/05 64K CONTROLLER
LIFECYCLE STATUS
ACTIVE MATURE

Visit product lifecycle status page

SLC™ controller modernization

- Recommended CompactLogix™ 5380 controllers are selected based on memory size
- Users are welcomed to choose other variations of the CompactLogix™ 5380 controllers
- SLC™ I/O to Compact 5000™ I/O cross-reference list found in Chapter 3 of SLC™ 500 Migration Quick Reference

Catalog Number	SLC Controller Description	Recommended CompactLogix 5380 Controller Replacement (1)	CompactLogix Controller Description
1747-L511	SLC 5/01 1K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L514	SLC 5/01 4K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L524	SLC 5/02 4K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L531	SLC 5/03 8K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L532	SLC 5/03 16K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L533	SLC 5/03 32K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L541	SLC 5/04 16K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L542	SLC 5/04 32K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L543	SLC 5/04 64K Controller	5069-L310ER	CompactLogix 5380 Controller, 1 MB, 8 I/O, 24 nodes, Standard
1747-L551	SLC 5/05 16K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L552	SLC 5/05 32K Controller	5069-L306ER	CompactLogix 5380 Controller, 600 KB, 8 I/O, 16 nodes, Standard
1747-L553	SLC 5/05 64K Controller	5069-L310ER	CompactLogix 5380 Controller, 1 MB, 8 I/O, 24 nodes, Standard

CompactLogix™ L3x & L4x controllers End of Life timeline & Discontinued date

CompactLogix™ L3x controllers, Circa 2005

Catalog Number	CompactLogix™ Bulletin 1769-L3x Controllers Description	Target Discontinued Date	Recommended Replacement	CompactLogix™ 5380 Controllers Description
1769-L32E	CompactLogix™ 750-KB Ethernet Controller	12/20/2020	5069-L310ER + 5069-SERIAL	CompactLogix™ 5380 Controllers, 1 MB, Bulletin 5069
1769-L32EK	CompactLogix™ 750-KB Ethernet Controller, conformally coated	12/20/2020	5069-L310ER + 5069-SERIAL	CompactLogix™ 5380 Controllers, 1 MB, Bulletin 5069
1769-L35E	CompactLogix™ 1.5-MB Ethernet Controller	12/20/2020	5069-L320ER + 5069-SERIAL	CompactLogix™ 5380, 2 MB, Controllers, Bulletin 5069

CompactLogix™ L4x controllers, Circa 2007

Catalog Number	CompactLogix™ Bulletin 1768-L4x Controllers Description	Target Discontinued Date	Recommended Replacement	CompactLogix™ 5380 Controllers Description
1768-L43	CompactLogix™ L43 2-MB Memory Controller	07/01/2020	5069-L320ER/ERM + 5069-SERIAL	CompactLogix™ 5380 Controllers, Bulletin 5069
1768-L45	CompactLogix™ L45 3-MB Memory Controller	07/01/2020	5069-L330ER/ERM + 5069-SERIAL	CompactLogix™ 5380 Controllers, Bulletin 5069

Benefits of CompactLogix™ 5380 controller

High performance

- Dual one Gb Ethernet port enables high-performance I/O and Integrated Motion on EtherNet/IP up to 32 axes
- Controller firmware is optimized for maximum performance

Enhanced productivity with Logix

- Two Ethernet ports for Dual-IP or support for Linear and Device Level Ring topologies for up to 180 nodes
- Supports up to 31 local I/O modules and memory from 0.6 … 10 MB
- Onboard display allows for enhanced diagnostics and troubleshooting
- USB port supports local programming, troubleshooting and firmware updates

Security capabilities

- Digitally signed and encrypted controller firmware
- Controller-based change detection and logging
- Role-based access control to routines and Add-On Instructions
- Ability to enable and disable all embedded ports

CompactLogix™ 5380 standard controllers

Catalog Number	Application Memory	I/O Expansion	Ethernet Nodes	Motion Axes
5069-L306ER	0.6 MB	8	16	0
5069-L310ER	1 MB	8	24	0
5069-L320ER	2 MB	16	40	0
5069-L330ER	3 MB	31	60	0
5069-L340ER	4 MB	31	90	0
5069-L310ER-NSE	1 MB	8	24	0
5069-L306ERM	0.6 MB	8	16	2
5069-L310ERM	1 MB	8	24	4
5069-L320ERM	2 MB	16	40	8
5069-L330ERM	3 MB	31	60	16
5069-L340ERM	4 MB	31	90	20
5069-L350ERM	5 MB	31	120	24
5069-L380ERM	8 MB	31	150	28
5069-L3100ERM	10 MB	31	180	32

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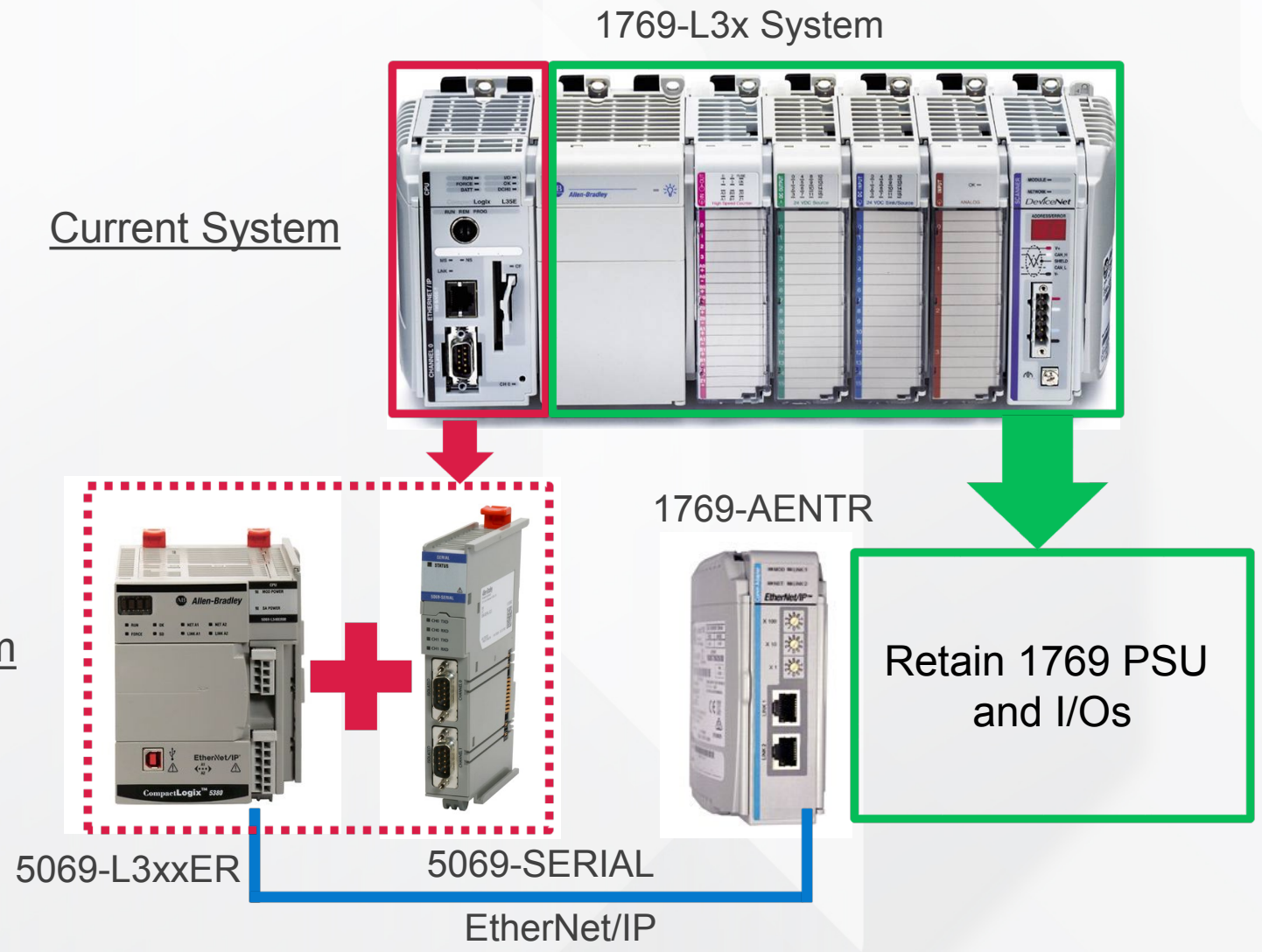
7. Modernization resources & common questions

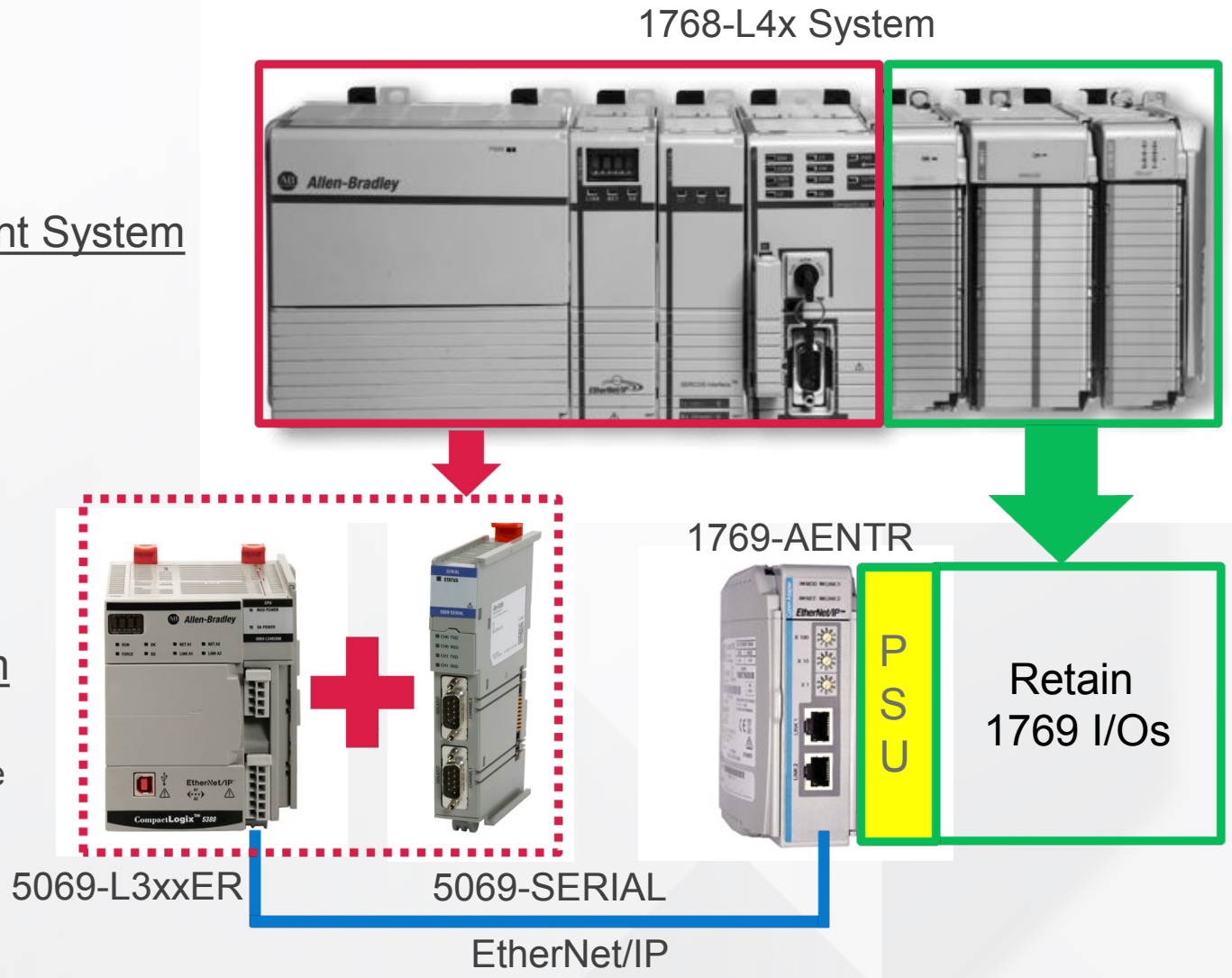
CompactLogix™ L32E/L35E system to CompactLogix™ 5380 system



- Hardware:
  - Replace catalog 1769-L3x with 5069-L3xxER + 5069-SERIAL
  - Increase in dimension width 85 mm (3.3 inches) and depth 43.31 mm (1.7 inches)
  - No changes to existing field wiring
- Software:
  - Common programming software using Studio 5000 Logix Designer® application
  - Minimum application code change required

YouTube video reference:
How to configure CompactLogix™ 5380 system for Serial networks

CompactLogix™ L4x system to CompactLogix™ 5380 system



- Hardware:
  - Replace catalog 1768-L4x with 5069-L3xxER + 5069-SERIAL
  - No increase in width but slight increase in depth 8.51 mm (0.33 inches)
  - No changes to existing field wiring
- Software:
  - Common programming software using Studio 5000 Logix Designer® application
  - Minimum application code change required

YouTube video reference:
How to configure CompactLogix™ 5380 system for Serial networks

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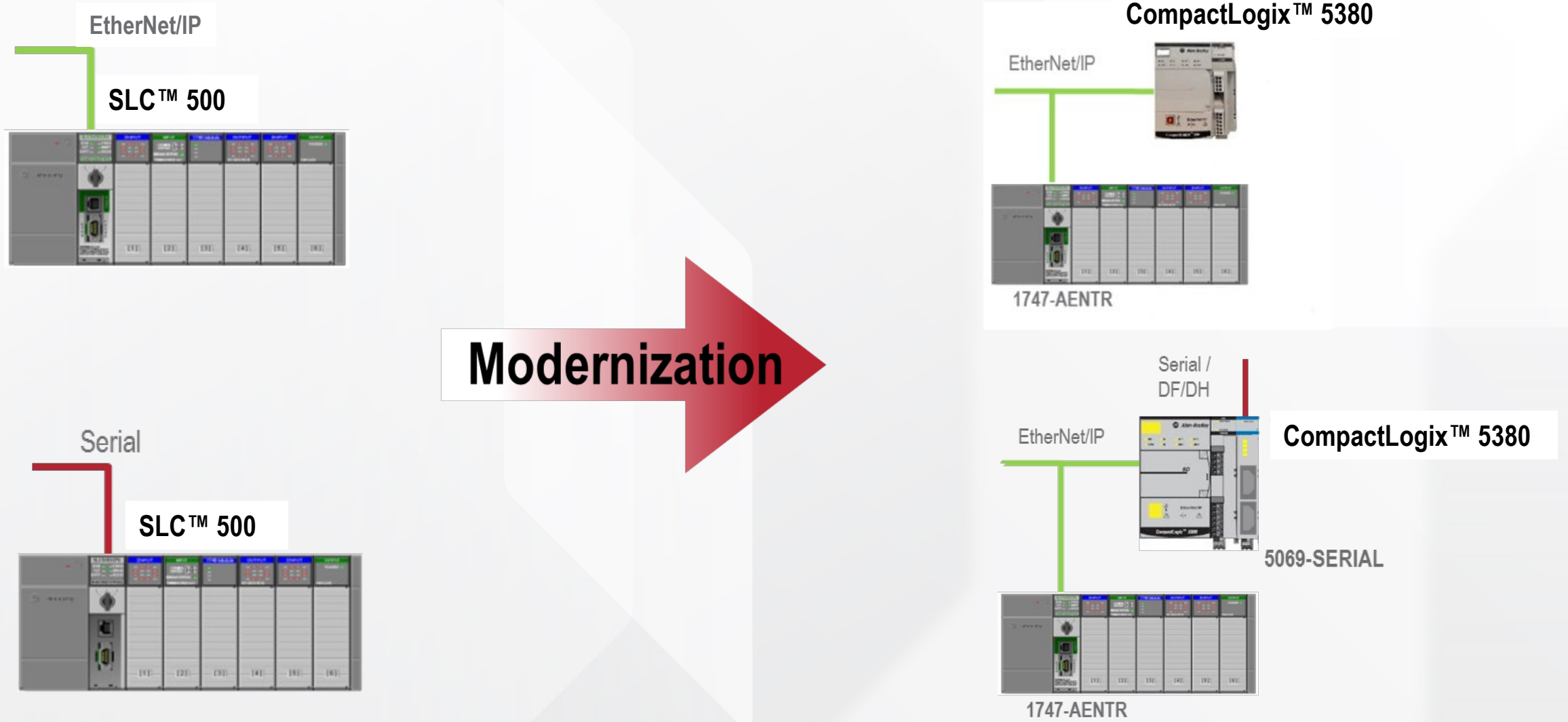
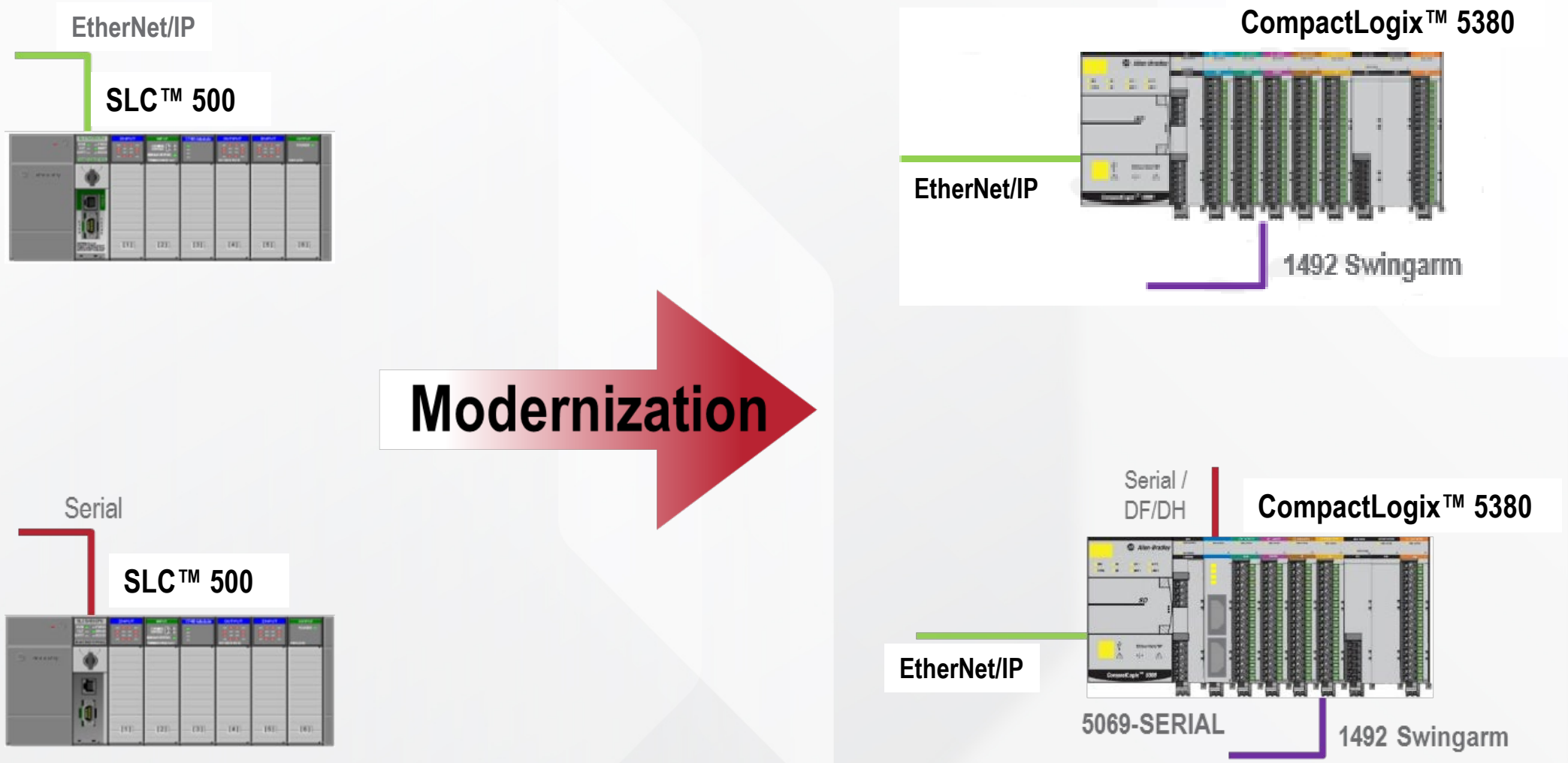
SLC™ modernization plan – Retaining SLC™ I/O



SLC™ modernization plan – Replacing SLC™ I/O



Modernization tools – Hardware

SLC I/O - 1747-AENTR module

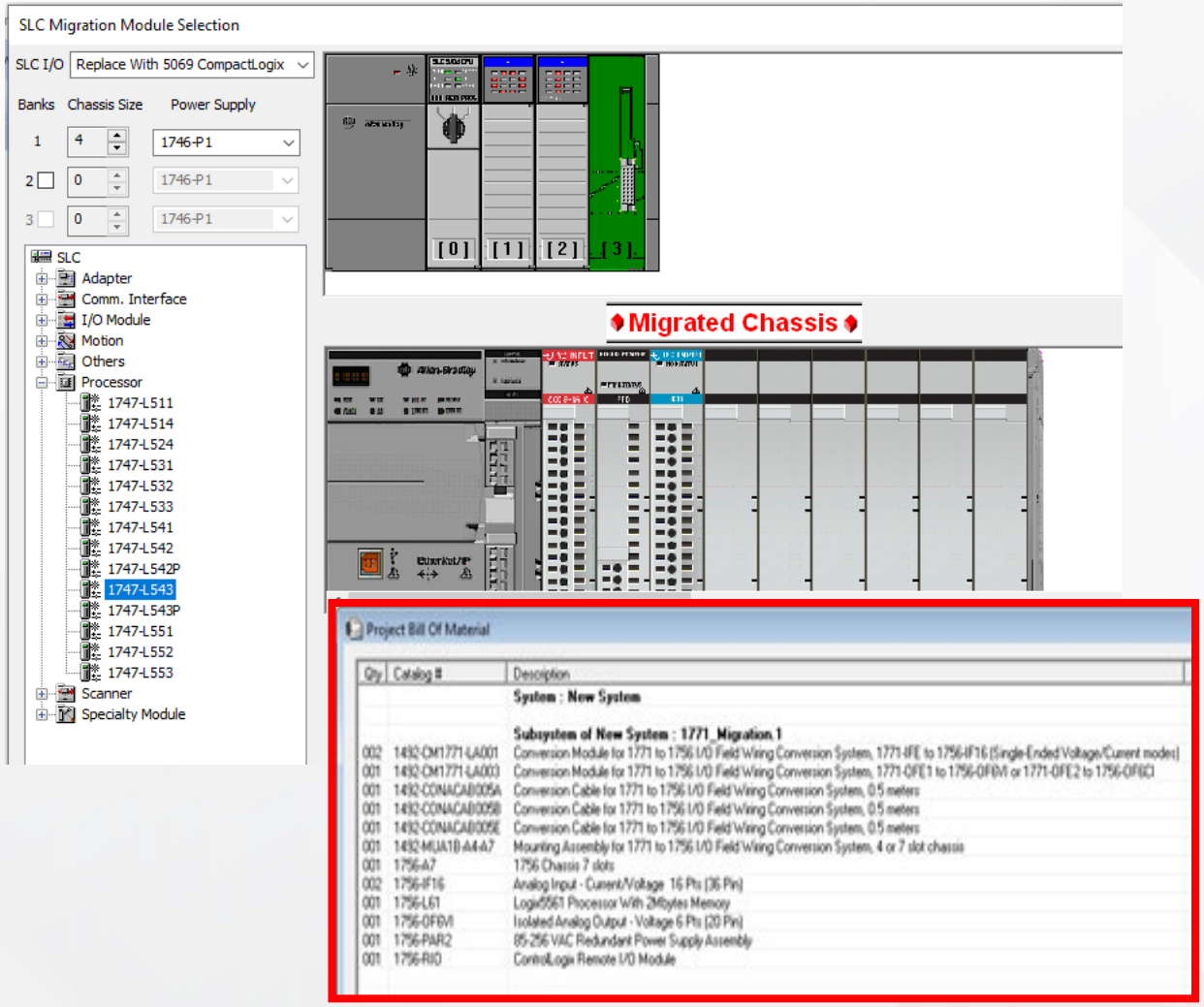
- Enable SLC™ I/O rack to be controlled by CompactLogix™ 5380 controller
- Support various network topologies (Device Level Ring (DLR), Star, Linear)
- Must be in slot 0 of SLC™ rack
  - Replaces the existing SLC™ processor
  - Replaces the existing Remote I/O adapter (1747-ASB) in remote racks
  - Replaces ControlNet adapter (1747-ACN15, 1747-ACNR15) in remote racks
- Requires RSLogix 5000® software v20 or later and SLC™ I/O electronic data sheet files
  - Firmware v2.1 supports 30 slots in Studio 5000® software v21+

Modernization tools – Hardware

Compact 5000™ I/O - 5069-SERIAL module

- 2 channel 9-pin D-sub connector supporting RS232C, RS422 and RS-485 media
  - Generic ASCII, Modbus RTU Master/Slave and Modbus ASCII Master/Slave
- Firmware v2.011 is backward compatible to DF1 and DH-485 functionality in SLC™ controllers and CompactLogix™ 1769-L23E, -L31, -L32E, -L35E, 1768-L43, -L45 controllers
  - DF1 Master, DF1 Slave, DF1 point-to-point, DF1 Radio Modem, DH-485
- Use with Studio 5000 Logix Designer® application v31 or later
- Can reside in local chassis for CompactLogix™ 5380 controllers or in a distributed I/O rack with the 5069-AENTR adapter
- Firmware v.2.011 can be upgraded using ControlFLASH™ v15.03 or ControlFLASH Plus™ v3.01
  - Controller must be in PROG or REM PROG mode
  - Module connection must be inhibited

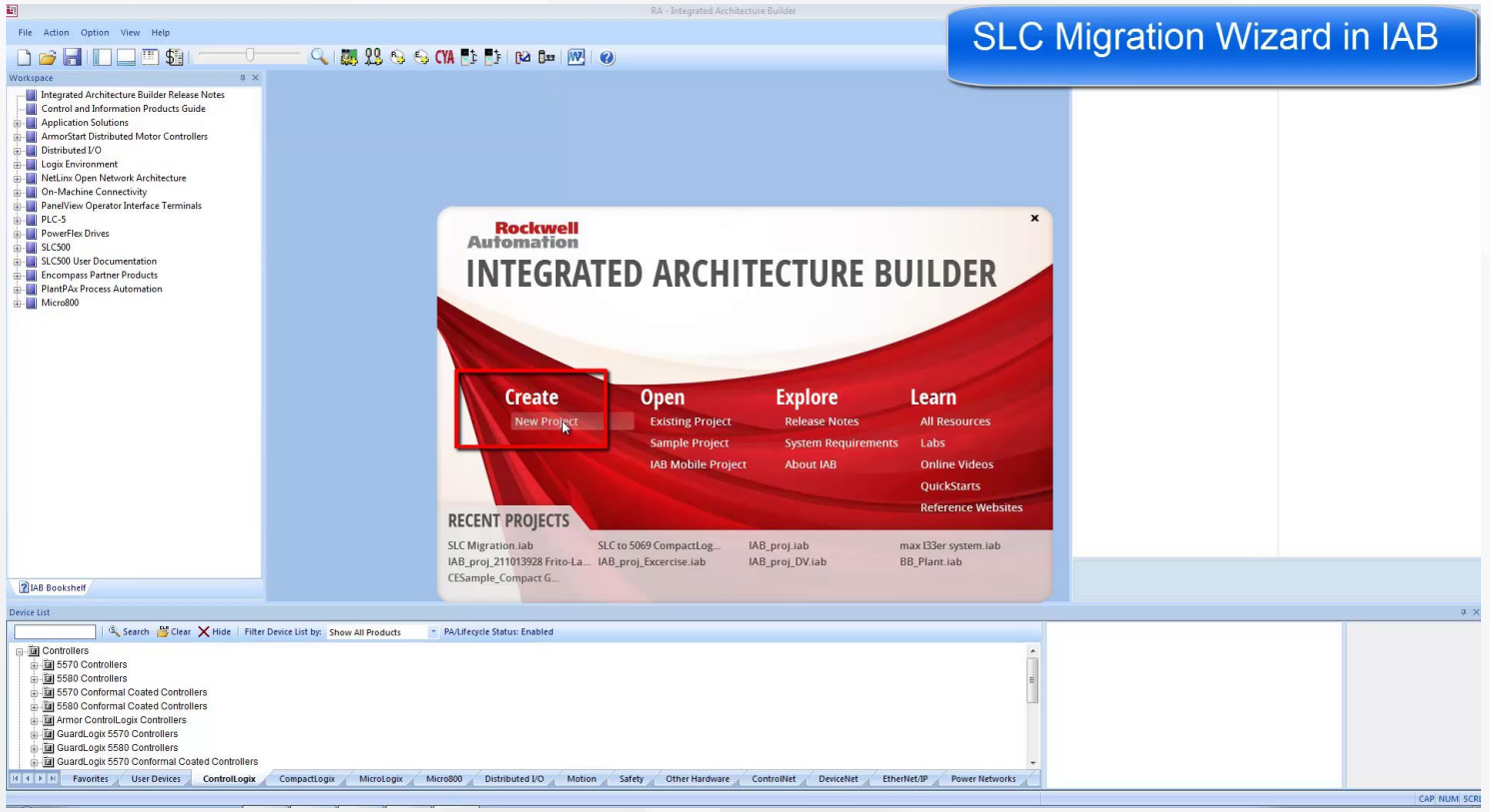
Modernization tools – Integrated Architecture® Builder(IAB)



- IAB includes a Migration Wizard created for a SLC™ system to a CompactLogix™ 5380 system
- Helps you accurately convert an existing SLC™ Bulletin 1747 chassis to the equivalent CompactLogix™ 5380 Bulletin 5069 counterpart
  - Selection of a mounting base
  - Conversion modules for each I/O module
  - Appropriate cabling
- Creates bill of materials (BOM) including:
  - Fully configured CompactLogix™ 5380 controller with Compact 5000™ I/O chassis and modules
  - 1492 I/O Wiring System accessories

Modernization tools – Integrated Architecture® Builder(IAB)

SLC™ Migration Wizard in IAB video



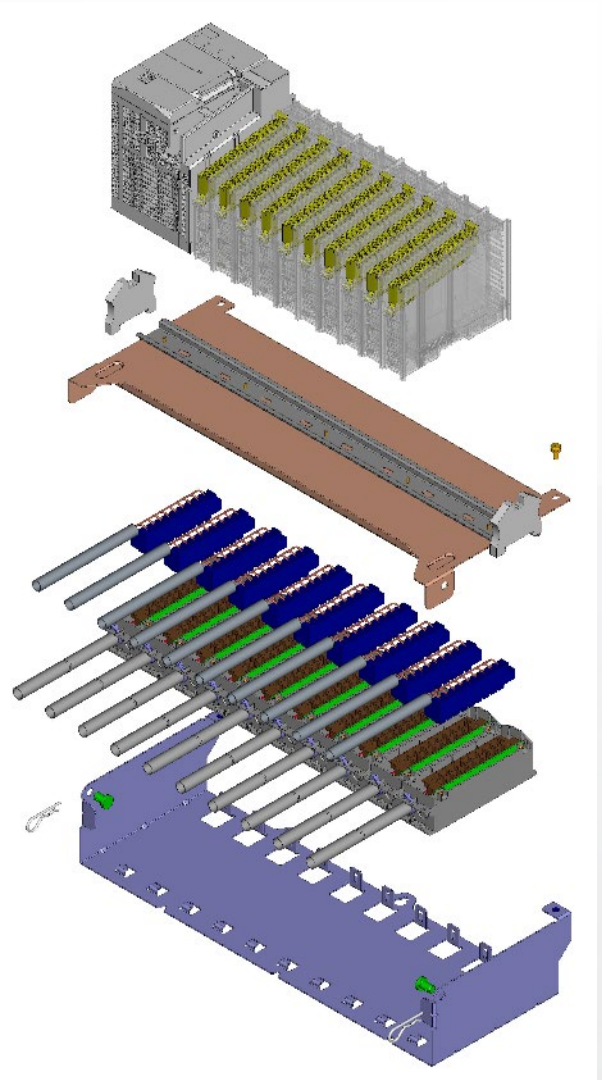
Modernization tools – 1492 I/O Wiring System

Aim

- Provide easy migration for customers with existing SLC™ system to a complete CompactLogix™ 5380 system
- Allow customers to upgrade their control system without rewiring their existing field devices while maintaining their existing control cabinet
- Save time with installation by using existing mounting holes

Value

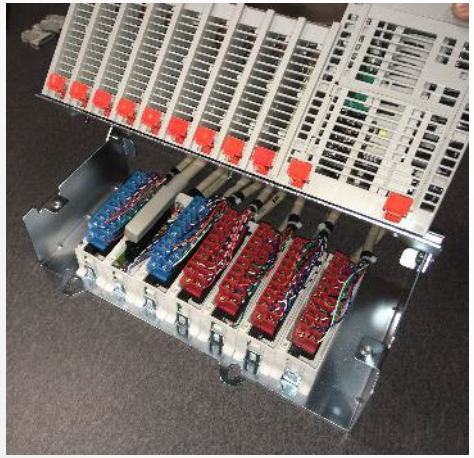
- Speed – Reduce I/O rewiring time and effort significantly
- Compatibility – Pre-engineered and pre-tested conversion modules convert old SLC™ Bulletin 1746 I/O terminations to new equivalent Compact 5000™ Bulletin 5069 I/O terminations
- Retain existing SLC™ chassis footprint

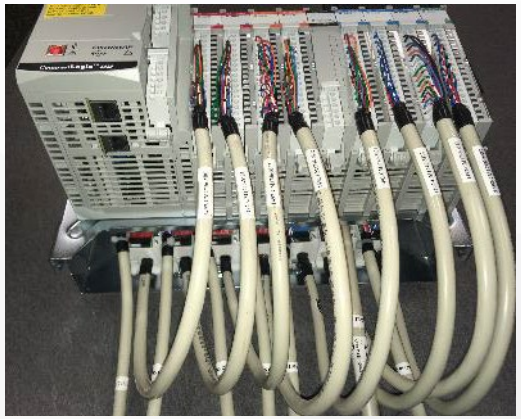


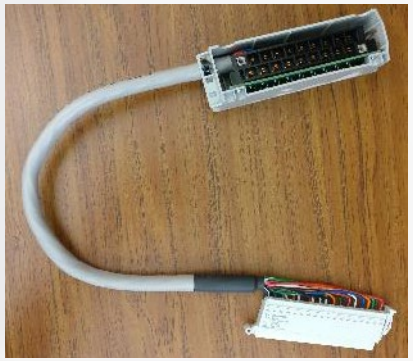
Modernization tools – 1492 I/O Wiring System

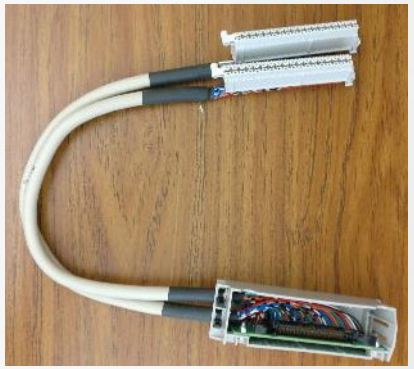
	1746 Catalogue	1492 Catalogue	5069 Catalogue
AC Input Module	1746-IA16	1492-CM1746-M01	5069-IA16
	1746-IM16		5069-IA16
DC Input Module	1746-IB16		5069-IB16
	1746-ITB16		5069-IB16
AC Output Module	1746-OA16	1492-CM1746-M02	5069-OA16
DC Output Module	1746-OB16	1492-CM1746-M03	5069-OB16
	1746-OB16E		5069-OB16
AC/ DC Relay Module	1746-OW16	1492-CM1746-M04	5069-OW16
Analog Input Module	1746-NI8	1492-CM1746-M05	5069-IF8^
	1746-NI4	1492-CM1746-M06	5069-IY4^
RTD/Resistance Input Module	1746-NR4	1492-CM1746-M07	5069-IY4^
Thermocouple/mV Input Module	1746-NT4	1492-CM1746-M09	5069-IY4^
Analog Output Module	1746-NO4I	1492-CM1746-M10	5069-OF4
	1746-NO4V		5069-OF4
	1746-NO8I	1492-CM1746-M11	5069-OF8
	1746-NO8V		5069-OF8
DC Input Module	1746-IB32	1492-CM1746-M12	2x 5069-IB16
DC Output Module	1746-OB32	1492-CM1746-M13	2x 5069-OB16
	1746-OB32E		2x 5069-OB16

^ Differential inputs only









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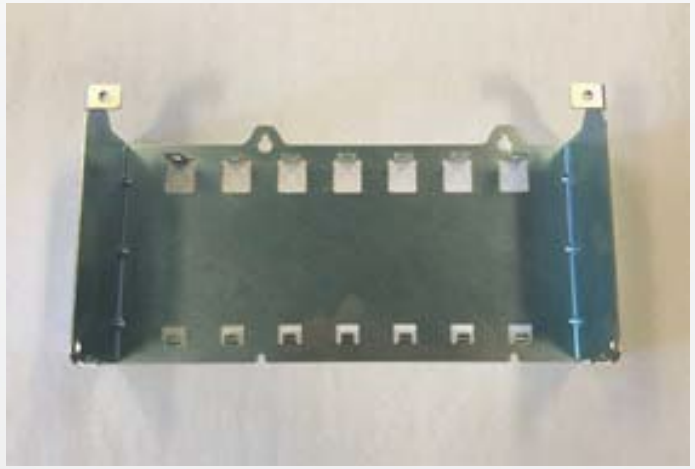
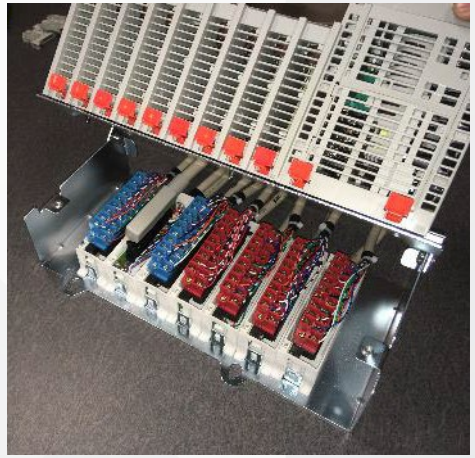
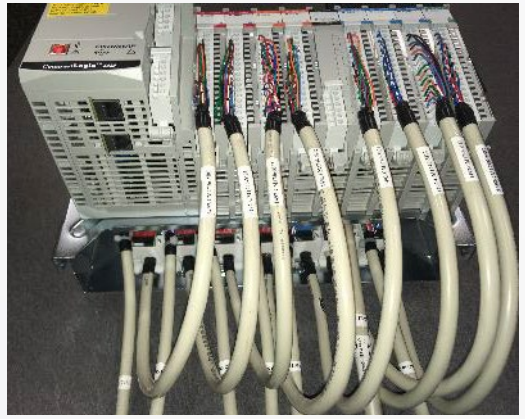
Modernization tools – 1492 I/O Wiring System

Catalog Number	Technical Description	Chassis Length
1492-CH1746-4	SLC™ 500 to 5069 CompactLogix™ conversion system chassis, 4 Slot	9.25” (235 mm)
1492-CH1746-7	SLC™ 500 to 5069 CompactLogix™ conversion system chassis, 7 Slot	13.33” (339 mm)
1492-CH1746-10	SLC™ 500 to 5069 CompactLogix™ conversion system chassis, 10 Slot	17.88” (454 mm)
1492-CH1746-13	SLC™ 500 to 5069 CompactLogix™ conversion system chassis, 13 Slot	22.00” (559 mm)

The combined depth of the 1492 I/O Wiring System conversion assembly with the CompactLogix™ 5380 Bulletin 5069 chassis mounted is 8.75 inches.



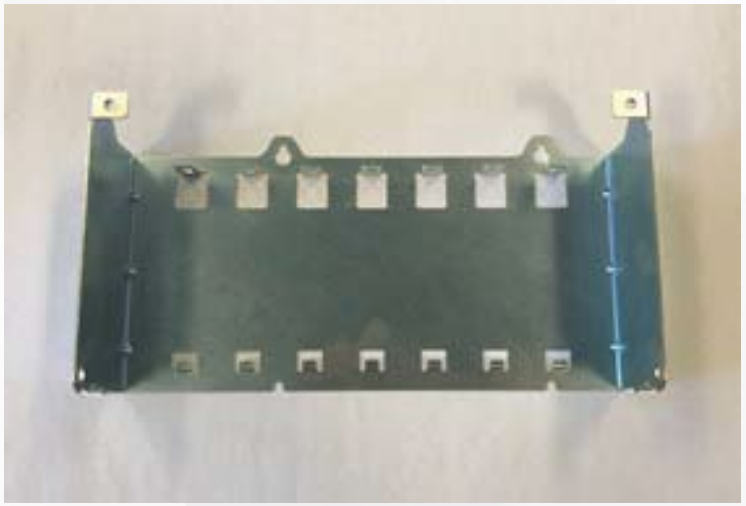




1492 I/O Wiring System – Installation procedure

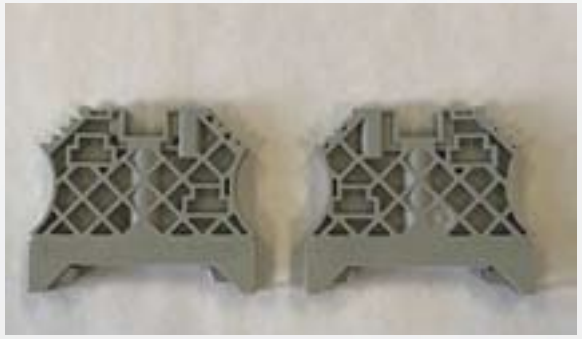
An overview of the general installation guidelines for 1492 chassis and modules

Upper mounting plate



Lower mounting plate

Mounting hardware



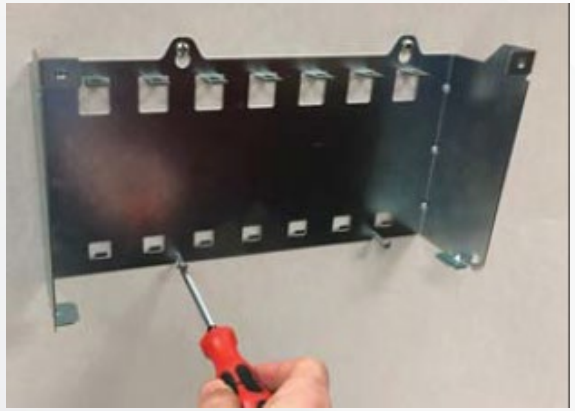
End anchors (Not included)

Conversion modules

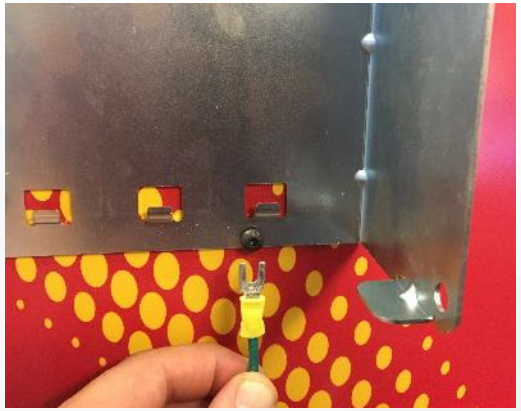
1492 I/O Wiring System – Installation procedure

STEP 1:
Remove I/O wiring terminal blocks from SLC™ modules (Bulletin 1746) by removing screws or pulling out the connector.

STEP 2:
Remove SLC™ chassis (Bulletin 1746) from the backplane by loosening the 2 screws at the top and removing the 2 screws at the bottom. Remove the ground wire.

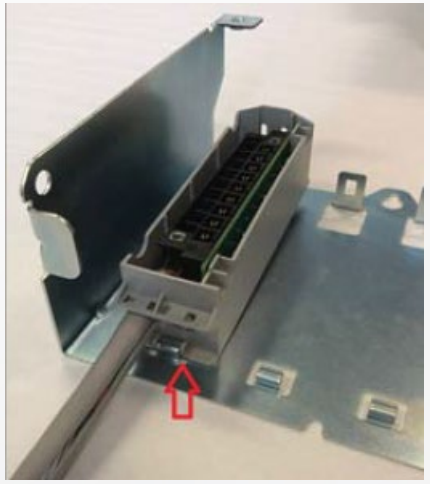


STEP 3:
Install the *lower mounting plate* where the previous chassis was removed. Start with 2 screws that were loosened at the top and reinstall 2 screws at the bottom.

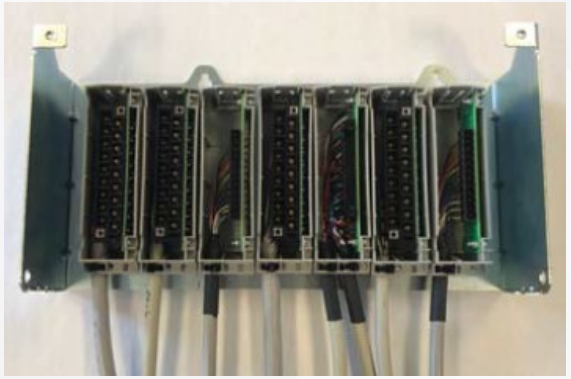


STEP 4:
Attach the grounding wire to the bottom-right screw of the *lower mounting plate.* ***NOTE: Ground wire cannot be attached to upper mounting plate or DIN rail.***

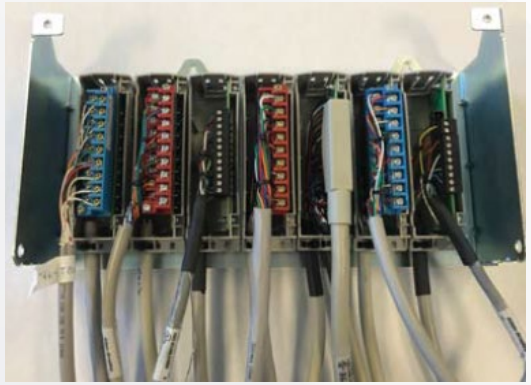
1492 I/O Wiring System – Installation procedure continued



STEP 5:
Obtain all 1492 *conversion modules.* Slide and snap the first *conversion module* into the *lower mounting plate*. The tab at bottom ensures alignment.



STEP 6:
Repeat Step 5 for the remaining *conversion modules*; move from left to right along the *lower mounting plate* chassis.



STEP 7:
Retrieve the I/O wiring terminal blocks (Step 1) and secure them onto the 1492 *conversion modules* (torque both screws or push-in the connector).

STEP 8:
Align the *upper mounting plate* with the *lower mounting plate.* Open the *mounting hardware bag* and install the two screws to secure both mounting plates together. **Do not tighten screws all the way.**

1492 I/O Wiring System – Installation procedure continued

STEP 9:
Align the holes of the *upper and lower mounting plates.* Insert pins from the *mounting hardware* bag through each end of the assembly.

STEP 10:
Insert one hitch pin from *mounting hardware* into the hole of each pin used in Step 9. Go back and tighten the two screws in Step 8.

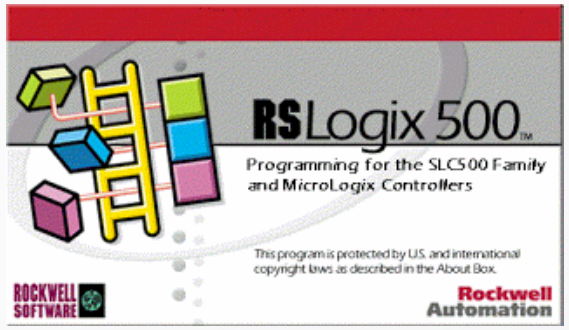
STEP 11:
Attach the CompactLogix™ 5380 system (Bulletin 5069) onto the DIN rail of the *upper mounting plate*. Install the *end anchors (not included)* on each end of the CompactLogix™ 5380 system.

STEP 12:
Ensure the Compact 5000™ I/O modules are in the same order as the conversion system. Snap the conversion module terminal blocks into each Compact 5000™ I/O module.

Agenda

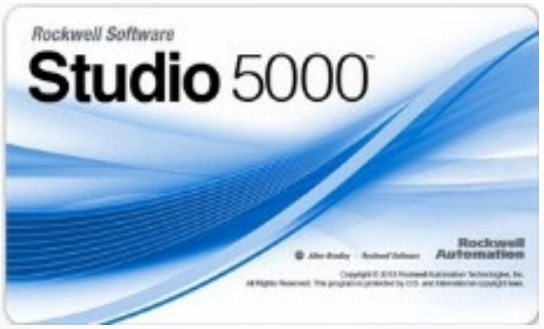
1. Lifecycle and longevity information
2. CompactLogix™ L32E/L35E & L43/L45 hardware migration to CompactLogix™ 5380 controllers
3. SLC™ hardware migration to CompactLogix™ 5380 controller
4. Integrated Architecture® Builder (IAB) SLC™ migration wizard
5. 1492 I/O Wiring System – SLC™ I/O to Compact 5000™ I/O
6. RSLogix 500® to Studio 5000® application - code conversion
7. Modernization resources & common questions

RSLogix 500® to Studio 5000® application – Code conversion



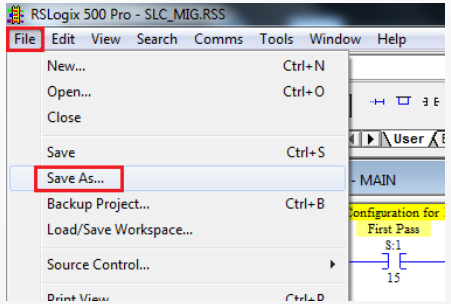
SLC™ system

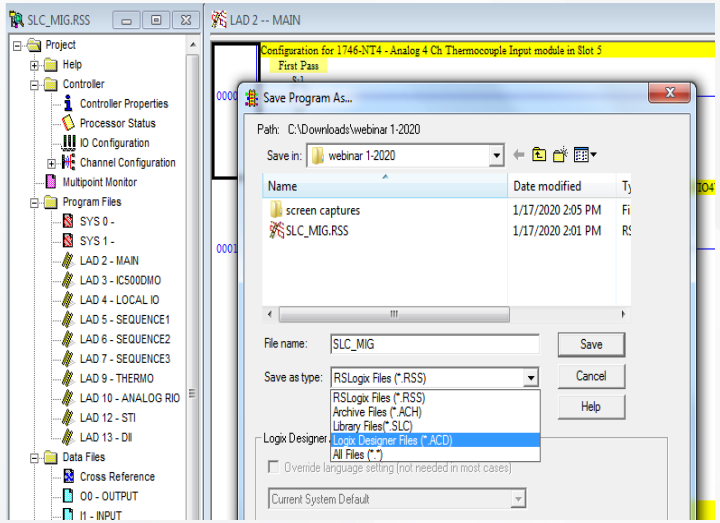
CompactLogix™ 5380 system

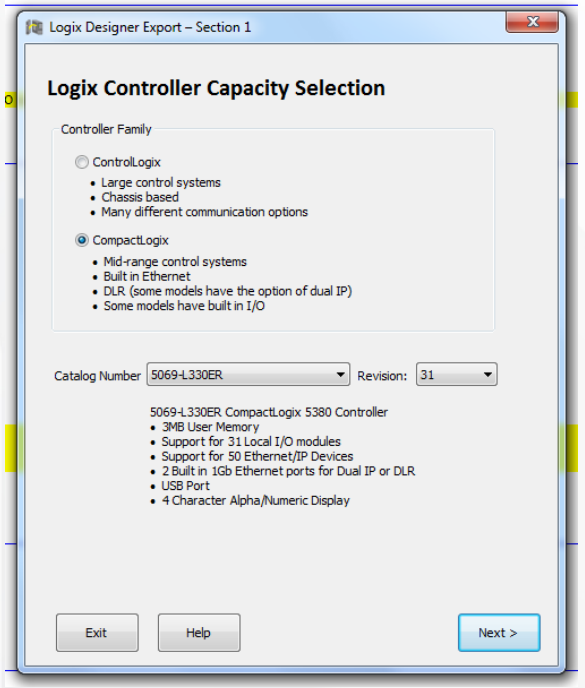


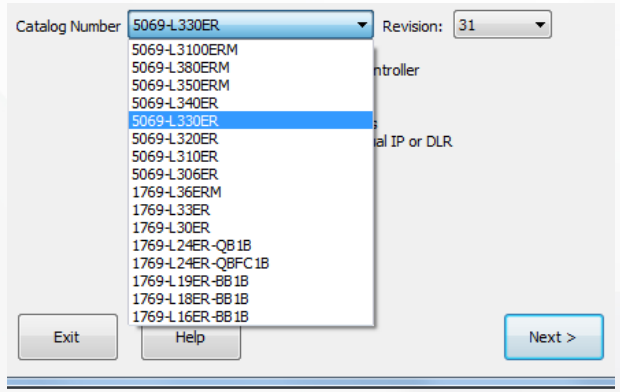
- Convert 80 - 100% of code using automated code conversion
- Take advantage of power constructs and features that can be leveraged for improvement of applications
- All RSLogix 500® v12 Pro, Standard and Starter applications support the Integrated Migration to Studio 5000 Logix Designer® application
- RSLogix 5000® Translation Tool, v1, v2, v3 and RSLogix™ Project Migrator are now the Integrated Migration to Studio 5000 Logix Designer® application

RSLogix 500® to Studio 5000® application – Code conversion









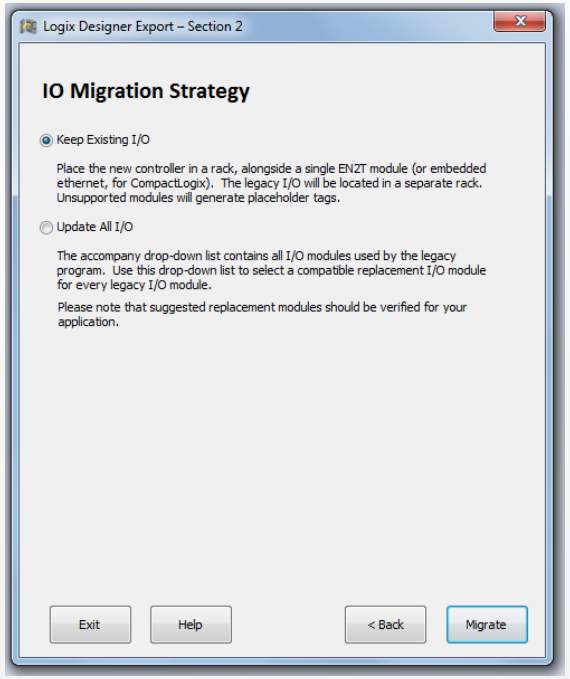
STEP 1:
With the program opened in RSLogix 500® application, Click on **File**, **Save As**.

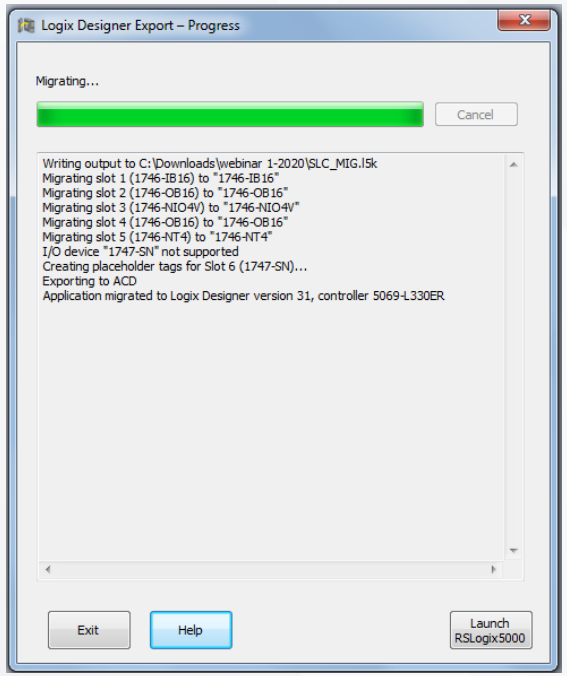
STEP 2:
Change the Save as type from RSLogix™ files (*.RSS) to **Logix Designer files (*.ACD)**. Then click **Save**.

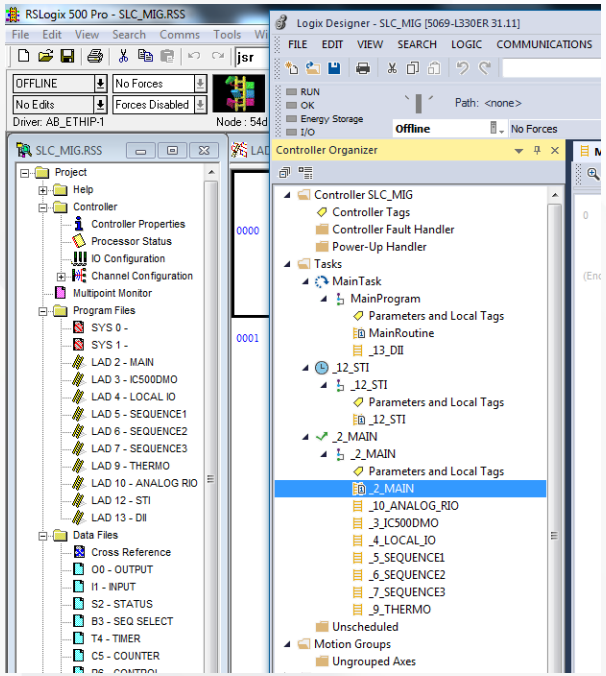
STEP 3:
The Logix Designer Export screen will open, select the **CompactLogix™** option and select **Next**.

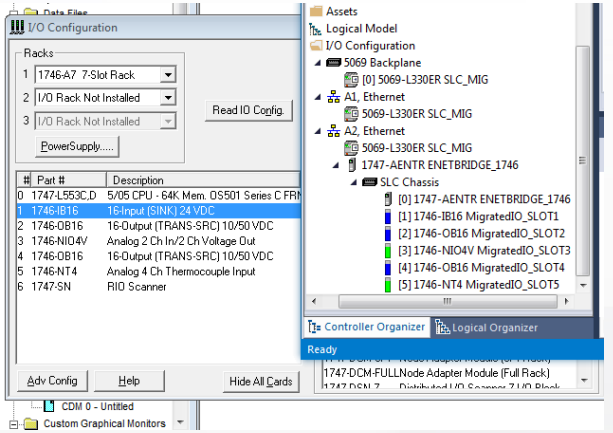
STEP 4:
Select the CompactLogix Processor **Catalog Number** and **Revision** that will be used for the project migration. Then select **Next**.

RSLogix 500® to Studio 5000® application – Code conversion continued









STEP 5a:
An option will appear to keep the existing I/O, or Update all I/O to the new platform. In this example, select **Keep Existing I/O** and **Migrate**.

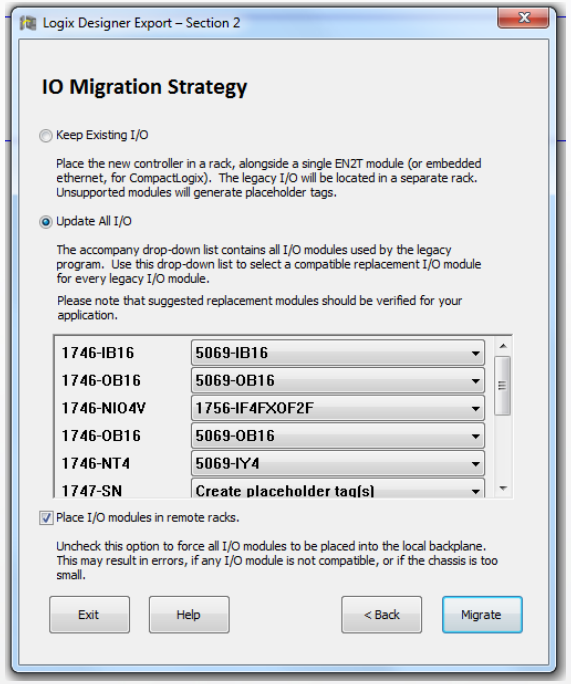
For **Update All I/O**, go to step 5b. (next slide)

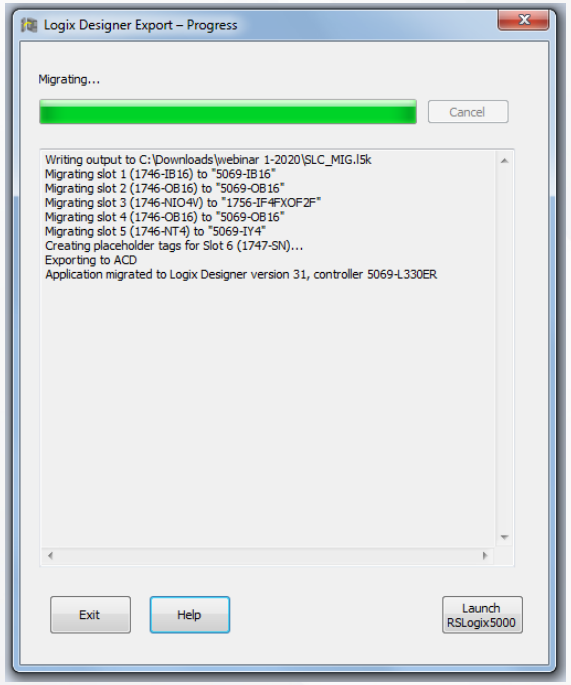
STEP 6a:
Once the migration is complete, select **Launch RSLogix 5000®**.

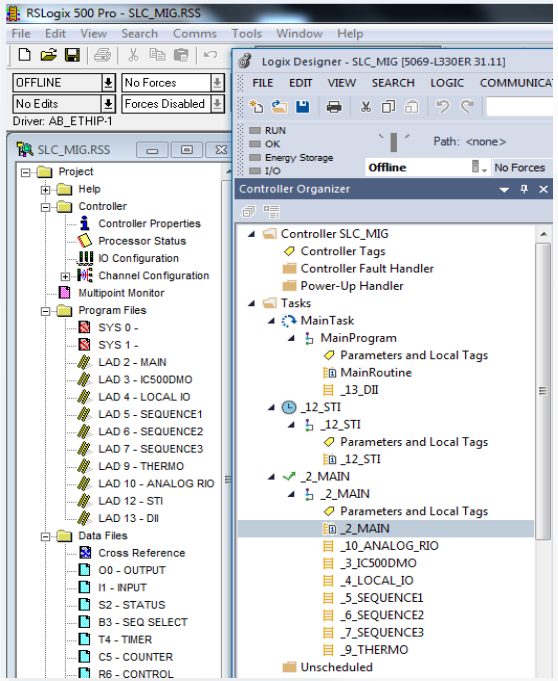
Comparison of the logic files between RSLogix 500® and Studio 5000® applications.

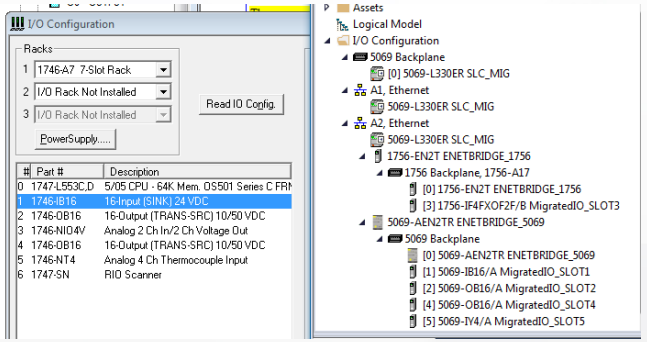
Comparison of the I/O configuration between RSLogix 500® and Studio 5000® applications.

RSLogix 500® to Studio 5000® application – Code conversion continued









STEP 5b:
When **Update All I/O** is selected, a list is available for the I/O selection in the new platform. Verify that the I/O modules are correct and select **Migrate**.

STEP 6b:
Once the migration is complete, select **Launch RSLogix 5000®**.

Comparison of the logic files between RSLogix 500® and Studio 5000® applications.

Comparison of the I/O configuration between RSLogix 500® and Studio 5000® applications.

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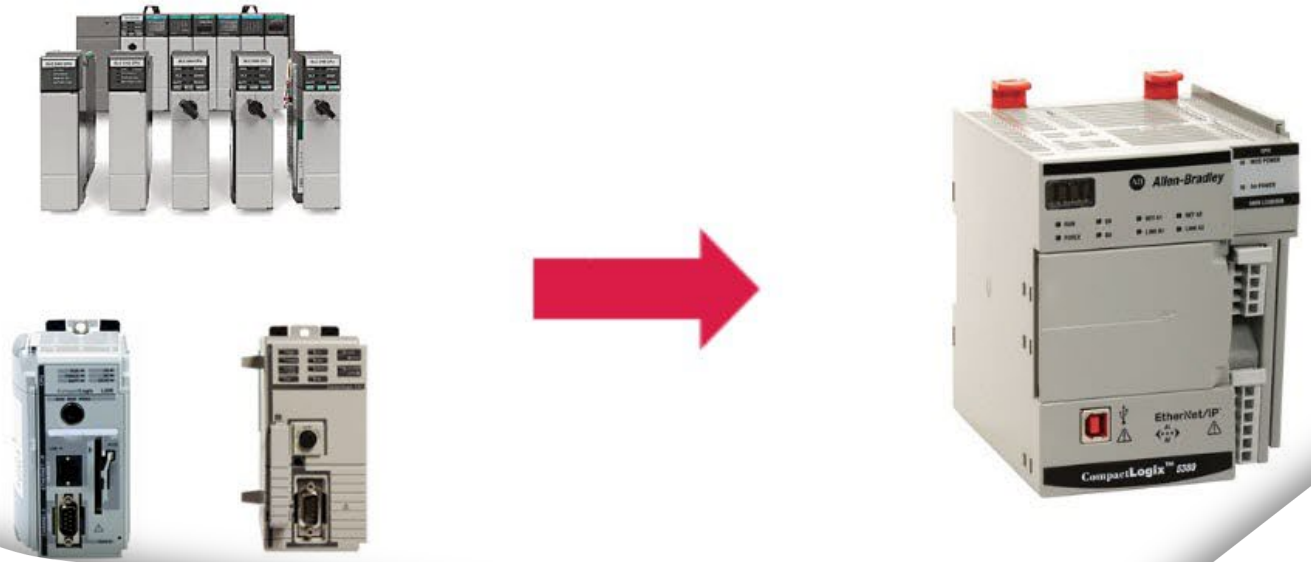
Modernization resources

Resources	Access
SLC/MicroLogix 1500 to CompactLogix™ Migration Guide (Publication 1769-AP001)	Literature Library
SLC™ Quick migration guide (Publication 1746-RM003)	Literature Library
SLC™ 500 to CompactLogix™ 5380 and 5069 I/O Migration Solution (Publication MIGRAT-PP004)	Literature Library
1072211 - Converting SLC™ programs to 5380 or 5580 controllers	Knowledgebase
5514 - PLC5/SLC to Logix Translation Tool: General Information	Knowledgebase
CompactLogix™ 5380 Controllers (Publication 5069-PP003)	Literature Library
Integrated Architecture® Builder	Webpage
Product Lifecycle Status	Webpage

Modernization resources

Resources	Access
468487 - 1747-AENTR EtherNet/IP Communication module: SLC™ to Logix Conversion Basics	Knowledgebase
471083 - 1747-AENTR SLC™ Ethernet Adapter General Information and FAQs	Knowledgebase
SLC™ 500 EtherNet/IP Adapter User Manual (Publication 1747-UM076)	Literature Library
1081688 - 5069-SERIAL information and quick start	Knowledgebase
1066410 - 5069-SERIAL FAQ (Frequently Asked Questions)	Knowledgebase
Compact 5000™ I/O Serial Module User Manual (Publication 5069-UM003)	Literature Library
21410 ControlLogix® Configuration & Status Flags Bits	Knowledgebase



Thank you

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