

PLC Lifecycle – It is Time to Upgrade

Josh Frisby
PLC Engineer



Why Upgrade Your PLCs?

- Allen Bradley
 - All SLCs are unsupported
 - SLC 5/04 & Earlier: Ethernet network is not a capability
 - SLC 5/05 & Later: Part availability
 - ControlLogix L61
 - Software cannot be updated. This software is not tag-based.
 - Unsupported; parts are no longer available.
 - CompactLogix L35E
 - Ethernet network is available
 - Software cannot be updated.
 - Unsupported; parts are no longer available.

Why Upgrade Your PLCs?

- Emerson

- 9030 – Bad News

- Remote support is unavailable – trip cost will be factored into pricing
 - Unsupported; parts are unavailable

- 9030 – Good News

- Simple to replace!
 - Processor
 - Power Supply
 - Back Plane

What is the Solution?

- Allen Bradley
 - CompactLogix
 - 5380 Series (5069-L320ER)
 - 5370 Series (1769-L33ER)
 - ControlLogix
 - 5570 Series (1756-L72)
 - 5580 Series (1756-L82)
- Emerson
 - RX3i
 - CPU3-Series

HMI & OIT Replacements

- Why To Replace
 - Unsupported or outdated
 - Parts availability
- Options
 - RealView
 - Runs on a Computer (Desktop and Panel-mount PC)
 - Allen Bradley – PanelView
 - Directly supported by Studio 5000
 - Automation Direct – Cmore
 - Compatible w/ CiSCO PLC software
- Remote access

What to Expect

- Updated Documentation
 - Drawings
 - DAHS Specification
 - IO Listings
- Install
 - Downtime
 - Rip and Replace
 - Typically, 1-to-1
- Software Upgrade
 - CeDAR 8
 - Latest program versions
- Support!

Replacing SLC 5/05

