Plan for End-of-Life (EOL) PLC and HMI Hardware and Software

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Outdated Allen-Bradley PLCs

- All SLCs: Unsupported; parts are no longer available
- SLC 5/04 & Earlier: Ethernet network is not a capability
  - Ethernet networks are this industry standard
- SLC 5/05 & Later: Ethernet network is a capability
  - Fact remains that parts aren't available, and the series is not supported
- ControlLogix L61
  - Ethernet network is available
  - 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.

Outdated Emerson PLCs

- Used to be part of GE, but not anymore
- RX3i CPU310
  - Does not have battery pak and may lose program during power loss.
- 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
    - THAT'S IT!

HMI & OIT Replacements

- Why Replace?
  - Unsupported or outdated software and hardware
    - Example of Problems: screens stop working
  - Parts aren't available or accessible

- Why Automation Direct?
  - Compatible w/ CiSCO PLC software
  - Small footprint available
  - Remote accessibility
    - Servicing
    - Updates
    - Downloads
  - It's cheaper! To purchase and maintain!

- Why RealVIew?

  - Initially generated with CeDAR tool
  - Runs on a Computer (Desktop and Panel-mount PC)
  - Remote accessibility
    - Servicing
    - Updates
    - Downloads

Why update DCS/PLC obsolete datalink?

- Why would customer replace DCS interface to PLC?
  - It is not Ethernet compatible
  - There is no guarantee that it will be compatible with today's processors
  - Not because the upgrade is inexpensive so plan ahead

Why Purchase a CiSCO PLC SYSTEM?

- In-house programmers use the CiSCO standard code.
- Our PLC software is designed to interface with our CiSCO created DAHS software, CeDAR and HMI, RealVIew.
- Our programmers have interdepartmental knowledge of the PLC and DAHS software.
- PLC Programmers write code and directly support our customers.
- PLC Programmers conduct the hardware/software integration and software project installations, typically.
- Emergency support is available.