



Proposal for:

**Pana Comm Unit School Dist 8  
Pana HS CPO Upgrade**

Presented by:

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**Honeywell Product Life Cycle Analysis Report**



Generated on: February 02, 2020  
By: Michael Weinstein  
  
Reference: SALT-REVIEW-007212  
Account: Pana High School  
Customer Site:  
Customer Address: 14 E Main St  
Customer City, State: Pana IL  
Contact: Jeff Stauder

As part of our proactive services program, Honeywell evaluates the major Honeywell components installed at your facility to provide you with an outlook of the remaining life of your assets. This evaluation includes the Honeywell Central Automation System and the standard Honeywell automation subsystem components included within your system. Our report lists the current Life Cycle Status for each of these major elements to allow for future planning and risk assessment.


Your system currently consists of:

EBI R500, XL500/600, XL100, XL10 Series 2, Zone Manager

**Overall Risk Assessment:**


High:(4):   
Medium:(1):   
Low:(0):

**Centrals:** EBI R500

 Released in June of 2016 and is one version behind the current EBI version. It is presently supported by patches and security hot fixes, but will shift to security hot fixes only with the release of the next version of EBI. The system may include operating systems that are reaching end of support by Microsoft such as Window 7 and thus presents a network security risk.

**Recommended Action:** Maintain the system through the timely application of Software Updates, Service Packs and security hot fixes.

**HVAC - Controllers:** XL500/600

 XL500 released in 1991, XL600 released in 2004 - These are obsolete HVAC controllers. It is out of production with no source of repair parts.

**Recommended Action:** Can be replaced by the XL800. Commence migration planning to move to

ComfortPoint Open to switch to BACnet using the XL500 migration kit.

**HVAC - Controllers:** XL100

- Released in 1991 - This is an obsolete HVAC controller. It is out of production. Repair parts are limited to the Exchange and Repair program through June 28, 2024.

**Recommended Action:** Immediate migration planning to move to ComfortPoint Open CPO-RL5, CPO-RL6, XL2026B2A or XL2026B23A plus XL2000HMI-A (BACnet). Communication buses will need to be migrated to BACnet.

**HVAC - Controllers:** XL10 Series 2

- Released in 1996 - This is an obsolete VAV/FCU controller. Some models are out of production and remaining models will end December 28, 2019. Repair parts are limited to the Exchange and Repair program through June 28, 2024. It requires Windows 98 virtual machine to run engineering and support tool. Laptops available to handle this are now limited.

**Recommended Action:** Immediate migration planning to move to ComfortPoint Open CPO-VAV2A (BACnet) controllers. Existing communications bus wiring will need to be replaced if LON free topology wiring was used. Daisy chain topology wiring can be re-used with restrictions (length and wire type). In the US, CP-VLxxx or Stryker may be used when LON communication is required. Sensors and other field equipment could be reused.

**HVAC - Controllers:** Zone Manager

- Series 1000 Zone Manager was released in 1994 - This is an obsolete device. It is out of production with no source of repair parts. Series 2000 Zone Manager was released in 1996 - This is an obsolete device. It is out of production with no source of repair parts. It requires a Windows 98 virtual machine to run the engineering and support tool. Laptops available to handle this are now limited.

**Recommended Action:** Commence migration planning to the CPO-BACnet new unitary controllers a bus at a time. Use new RS-485 bus wiring, or install a Loytec L-Gate, or CP-8000 JACE to continue supporting LonWorks communication until completion of migration to ComfortPoint Open devices.

# Pana HS CPO Upgrade



Honeywell International  
1950 Craig Road  
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**Quote Date:** 9-Aug-2019  
**Quote Number:** Opp-1969082-80220  
**Honeywell Professional:** Mike Weinstein

**Site:** Pana High School  
14 E Main St  
Pana IL United States 62557

**Customer:** Pana Comm Unit School Dist 8  
14 E Main St  
Pana IL United States 62557

**Contact:**  
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## OVERVIEW OF SCOPE

Honeywell proposes to replace the existing Excel 5000 controllers with new ComfortPoint Open (CPO) DDC controllers. The new system will communicate to the existing Honeywell EBI front-end.

There will be nine (9) new AHU controllers, one (1) Hydronics controller along with 33 VAVs and 25 Unit Ventilators. All existing input and output sensors, valve and damper actuators shall be reused as all are compatible with the new controllers. For existing three XL500 controllers, a CPO conversion kit will be installed which will eliminate the need to re-wire the panel I/O.

New Cat 5e network wiring will be provided for 3 of the AHUs and the remaining AHUs, VAVs and Unit Vents, new Bacnet MSTP cables will be provided.

The existing EBI graphics will be reprogrammed with the new CPO data points. For the VAVs and Unit Vents, additional point information which is not currently available will be programmed onto the graphics.

An additional 8 hours of customer training will be provided.

### Exclusions:

Any field input/output device found to be defective will be repaired under a separate agreement.

## CLARIFICATIONS / EXCLUSIONS

**Price**

**QUOTATION TOTAL: \$114,805.38**

THIS QUOTATION is valid for 30 days.  
Sales tax, if applicable, will be invoiced separately.  
Use tax, if applicable, is included in the price.  
Currency: USD