

System Architecture Diagram:

The diagram illustrates the Honeywell ExpertISE control system for the SLYCHS VA Hospital. Key components and connections include:

- Remote Sites:** Internet VPN, High Speed Cable Modem, Sonic Router/Firewall, and a 172210 Router/VPN.
- EBI Server:** Honeywell EBS, Quod H Rm 2H116.
- Fire Alarm System:** EST3 Fireworks Terminal, XLS LAN Interface, Main FACP, and Main Campus FACP's.
- Occupancy Sensors:** 95 Thus Non-Public Areas Quod H and 36 Thus Non-Public Areas Quod G.
- Communication Protocols:** TCP/IP, Lonworks/IP, Modbus/TCP, and Modbus/RTU.
- Control Panels and Devices:**
 - FT-10 Bus 1:** Includes Elevator Control Rm, Elevator Control, and various lighting and temperature control panels.
 - FT-10 Bus 2:** Includes Elevator Control, Elevator Control, and various lighting and temperature control panels.
 - FT-10 Bus 3:** Includes Elevator Control, Elevator Control, and various lighting and temperature control panels.
 - FT-10 Bus 4:** Includes Elevator Control, Elevator Control, and various lighting and temperature control panels.
 - FT-10 Bus 5:** Includes Elevator Control, Elevator Control, and various lighting and temperature control panels.
 - FT-10 Bus 11:** Includes Elevator Control, Elevator Control, and various lighting and temperature control panels.
- Generators and Power Systems:** Cummins Generator, Allen Bradley PLC, Kohler Generator, and various power distribution units.
- Other Equipment:** Veeder Root 300C, Allen Bradley PLC, Kohler Generator, and various power distribution units.

Revision Table:

REV	DATE	BY	REVISION
REV F		BY	
REV E		BY	
REV D		BY	
REV C		BY	
REV B		BY	
REV A		BY	

Project Notes:

- THE GENERATOR PANEL IN THE BLDG. 6 ENGINEER'S OFFICE WILL BE RELOCATED TO QUAD H ROOM 3H112L.
- ALL EBI EQUIPMENT AND ANY EQUIPMENT USED TO MONITOR GENERATORS & ATIS'S WILL UTILIZE EMERGENCY POWER WITH 15 MINUTE UPS DEVICES.

Project Information:

DATE: 05-13-10
SHEET: 7
REV: 1

System Architecture

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SLYCHS VA Hospital

Building Automation System Upgrade

Main Campus

REV F	BY	Main Campus System Architecture	Honeywell <i>ExpertISE</i> © 3445 N. Causeway Blvd., Suite 625, Metairie, LA 70002 SLWCS VA Hospital Building Automation System Upgrade Main Campus	DATE: 05-13-10 SHEET: 7	DRAWING REV
REV E	BY				
REV D	BY				
REV C	BY				
REV B	BY				
REV A	General	Added IOM IP Router for B16 AIS Panel	RS		
20-10	Provisions		RS		

NUMBER	309-23014-U/	B
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