

**BENEFITS**

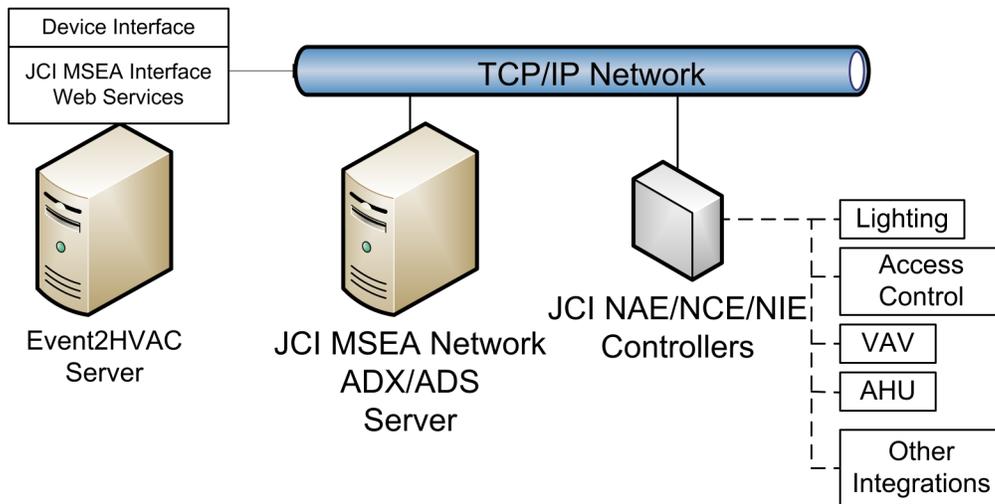
- Saves money by reducing energy use.
- Automatically schedules to the room level.
- Eliminates redundant scheduling in the MSEA system.
- Scheduling of energy is performed by the users of the space not the facility operators.
- Allows facility managers to view events directly.
- Increases the value of your investment in HVAC equipment and event management software.

**SYSTEM REQUIREMENTS**

- Windows XP SP2, Server 2003, Server 2008
  - Johnson Controls MSSDA (MSEA v4) component must be installed. This can be found on the JCI SCT Installation CD.
  - Port 80 (HTTP) access to the JCI ADX or ADS server computer
- OR
- Port 80 (HTTP) access to the site master NIE or NAE

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## Johnson Controls MSEA Interface



**Johnson Controls MSEA Interface**

The MSEA device interface allows Events2HVAC to send commands to Johnson Controls Metasys® MSEA network objects. The device interface communicates with the MSEA network using SOAP/XML (Web Services) and the MSSDA (Metasys System Secure Data Access) ActiveX component.

Integrating your MSEA network into Events2HVAC will free your HVAC facility operators from the burden of manually scheduling HVAC equipment. By automating the scheduling based on the room scheduling system, your facility will save energy and scheduling labor.

Any point object that can be commanded via the MSEA network can be controlled automatically by your room reservation system. Lock/unlock doors, turn on/off lighting, change setpoints, and start/stop equipment in specific rooms automatically based on the room reservation details.

**Enterprise Friendly**

Since the communication protocol for the MSEA interface uses SOAP/XML web services, the common roadblocks to communicating to devices campus-wide are reduced since port 80 (HTTP) is commonly open and passes easily through routers.

**Actions Supported**

The MSEA interface supports the following actions that can be triggered by event provider schedules:

**WriteProperty**

Sends a standard WriteProperty command to a specific MSEA object.

**StartStop**

Sends a start command and a stop command to a single MSEA object.

**Action Triggers**

The following table shows the actions each trigger on the event timeline can execute:

Triggers	Actions	WriteProperty	StartStop
Setup Start	✓		
Setup Stop	✓		
Event Start	✓		
Event Stop	✓		
Teardown Start	✓		
Teardown Stop	✓		
Event Setup/Teardown		✓	
Event Start/Stop			✓