

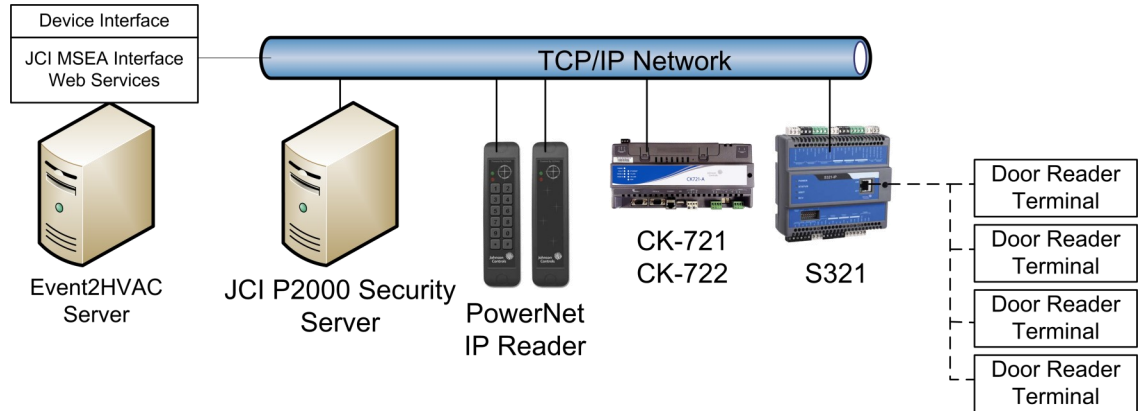
## Johnson Controls P2000 Interface

### BENEFITS

- Doors automatically unlock at the start of an event and lock at the end of an event.
- Facility managers can focus on tasks that are more important than unlocking or time scheduling doors.
- Room users do not have to wait for a facility manager to open doors.
- Locked rooms in campus environments have less “drop-in” use and require less cleaning.
- Unique corridors of access can be created for particular rooms during events.

### SYSTEM REQUIREMENTS

- JCI P2000 System v3.8 or higher on the same network
- Network firewalls must allow the URL of the P2000 server and the port of the XMLRPC service (usually 41023).
- The IP address of the Events2HVAC server must be entered in the P2000 system to allow access from that server.



### Johnson Controls P2000 System

The Johnson Controls P2000 security management system is an access control solution. It is the ideal access control system for medium-to large-scale security needs. As your security requirements grow, your P2000 security management system can easily grow with you by adding badges, readers and workstations.

The P2000 security management system can be seamlessly integrated into a Metasys® building management system if that's what you require. Plus, with legacy and retrofit support from Johnson Controls, you'll maximize your existing hardware investment.

### Events2HVAC P2000 Interface

The P2000 device interface allows the Events2HVAC system to send door commands to an existing Johnson Controls P2000 security system based on events occurring in the event providers room reservation system.

The interface uses the built in XML-RPC API that is included in the P2000 server system.

### Actions Supported

The P2000 interface supports the following actions that can be triggered by event provider schedules:

#### DoorSetOverrideTimeZoneEnable

Enables or disables a door's override time zone enable flag in the terminal. Using this action will enable you to create a time zone for the room and a default locked state and override that time zone during periods where the room is occupied to unlock the doors for that duration.

#### DoorSetOverrideTimezone

Sets a door's override timezone for the start and stop of the event.

#### DoorTimedUnlock

Unlocks a door for a specified time period.

#### DoorLock

Locks a door.

#### EventTrigger

Runs a P2000 event script at the start and end of an event.

Triggers	Actions	DoorSetOverride TimeZoneEnable	DoorSetOverride Timezone	DoorLock	DoorTimedUnlock	EventTrigger
Setup Start			✓	✓		
Setup Stop			✓	✓		
Event Start			✓	✓		
Event Stop			✓	✓		
Teardown Start			✓	✓		
Teardown Stop			✓	✓		
Event Setup/Teardown	✓	✓				✓
Event Start/Stop	✓	✓				✓

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