**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

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*Specifier: Please see PART 4 for a listing of products specified in this Guide Specification.*

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# **GENERAL**

*NOT USED in this Guide Specification. Specifier shall Specify PART 1 administrative and procedural requirements as needed.*

# **PRODUCTS**

## **Basis of Design Control Processor**

### Crestron RMC4

## **Control Processor**

*Unit shall include a built-in control processor with onboard control ports for control of external devices.*

### Control Ports

#### The control system shall be equipped with the following external connection ports:

##### Two IR ports

##### One RS-232 COM port

##### Two Relay ports

##### Two Digital Input Output ports

#### Controller shall include the following onboard network ports:

##### Ethernet

##### RS-422 type network control bus

### Native BACnet/IP

*Specifier: A free license for 50 BACnet objects is available for the RMC4. The RMC4 processor may be upgraded to support a maximum of 500 BACnet IP objects.*

#### Number of BACnet objects supported: 500

*Specifier Note: A BACnet and IP license is required. A free license is available to support up to 50 BACnet objects on a single 4-Series control system. Enabling support for more than 50 BACnet objects requires the purchase of one SW-3SERIES-BACNET-50+ license. The RMC4 supports a maximum of 500 BACnet objects when dedicated for BACnet use only.*

### User Interface Support

#### The controller shall support touch screens, keypads, and wireless remotes and mobile device Apps from the same manufacturer.

### Control Capabilities

#### The built-in control processor shall support customizable control of integrated AV devices, room lighting hardware, window shades, and projection screens.

#### The controller shall support a network management system by the same manufacturer, supporting overall remote system controlling, monitoring, and managing through network computers and mobile devices.

# **EXECUTION**

*NOT USED in this Guide Specification. Specifier shall Specify PART 3 On-Site work as needed.*

# **APPENDICES**

## **SPECIFIED PRODUCTS**

*Specifier Note: This Article includes Crestron products specified in this Guide Specification document. This Article is for reference only and should not be required in actual project manual unless included in an overall system equipment list.*

### Crestron RMC4