



JUDICIAL COUNCIL OF CALIFORNIA

ADMINISTRATIVE DIVISION

Building Management System Requirements and Guidelines

This document provides general oversight and guidance to the requirements for the Building Management System (BMS) for Judicial Council of California (JCC).

The following are the components:

- I. General JCC Building Management Systems (BMS) Requirements
- II. General BMS Pneumatic Control Requirements
- III. General BMS Design Requirements
- IV. BMS System Requirements
- V. List of Abbreviations
- VI. References

I. General JCC Building Management Systems (BMS) Requirements

- A. All BMS designs shall include these requirements and BMS designers shall ensure that design specifications include these requirements.
- B. BMS system will consist of the Tridium Niagara 4 platform to create Smart Device Applications. System will support encrypted Rest API that allows for secure 3rd party custom applications and interfaces. System will be compliant and support HTM5 framework.
- C. Submittal Requirements:
 1. Riser Diagram
 2. Standard for naming components
 3. Design drawings for control panel, including wiring design diagram
 4. Sequence of operation (To be developed in a collaborative effort with the JCC)
- D. All BACnet equipment and software supplied for JCC projects shall be supported by manufacturer supplied Protocol Implementation Conformance Statement (PICS) certifying that the device complies with the specified BACnet requirements.
 1. As a minimum, each BACnet PICS shall convey the following information:
 - a. Basic information identifying the vendor and describing the BACnet device.
 - b. The BACnet Interoperability Building Blocks supported by the field device.
 - c. The standardized BACnet device profile to which the device conforms.
 - d. All non-standard application services that are supported along with an indication for each service of whether the device can initiate the service request, respond to a service request, or both.