



## Orange County Fire Authority, Fire Prevention Division

# Approval of Alternate Technology as Single Path of Communication

The following technology, with the specific configuration, equipment, and requirements listed below, has been approved for use within the jurisdictions served by the OCFA. This approval letter shall be included on all plans submitted to the OCFA for alarm or monitoring systems utilizing this technology.

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**System Name:** *DMP 463C Digital Cellular Communicator*

**Transmission Technology:** *Cellular CDMA via SecureCom wireless service provider; transmits IP data direct to central station without going through third party central station or server*

**Method of signal and data integrity:** *Method 1—repetition*

**Communicator Make/Model:** *DMP 463C, CSFM listing 7165-1157:0123 as component of listed panel*

**Receiver Make/Model:** *SCS-1R with network interface*

**Data Throttling capable?:** *Yes, but as a feature of the alarm panel, not the communicator; initiated when approximately 48 data/alarm signals are received in a 1 hour period, after which transmission is limited to approximately 8 signals. Throttling is shut off when less than 8 signals are received in a 1 hour period. Throttling cannot be disabled, but resetting the panel will clear this condition.*

**Central Station:** *Bay Alarm, central station in Pacheco, CA*

**Special Requirements:**

- Any failure of the communication path shall be annunciated at the central station within 5 minutes.<sup>1</sup>
- Incomplete, corrupted, or other signal errors will be recorded and displayed at the central station. Communicator will resend message if receipt is not acknowledged by receiver at central station.
- The record and display rate of subsequent alarms will not be less than one every 10 seconds.<sup>2</sup>
- 463C listed for use as single path communicator when used with DMP XR100/100FC/500/500FC control panels.
- Can use local or remote antenna

**Inspection procedure:**

<sup>1</sup>Verify maximum 5-minute check-in and fail timing. Timing is programmed by installer into the communicator.

<sup>2</sup>Record and display rate can be tested by initiating two alarm devices simultaneously and then comparing time they were received/recorded by central station.

Annunciator can display/verify: cellular signal strength (bar graph); modem operation, SIM card detection, cell tower detection, verification of SIM activation; if internet access and communication path is good.

Approved: 12-11-12, SR182594