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.

System Name: *TELGUARD TG-7FS S Communicator*

Transmission Technology: *Cellular TG-7FS S via AT&T wireless network; transmits IP data directly to central station without going through third party receiving station or server*

Method of signal and data integrity: *Method 3—checksum verification and sequence synchronization*

Communicator Make/Model: *TELGUARD TG-7FS S Communicator, CSFM listing 7300-1402:0109*

Receiver Make/Model: *UL listed compatible POTS/IP receivers that works with Contact ID, Radionics Modem 2e, 3a squared, Digital Dialer, SIA or Pulse (3/1 or 4/2) formats*

Data Throttling capable?: *None*

Central Station: *Any utilizing one of the receivers specified above*

Special Requirements:
o Any failure of the communication path shall be annunciated at the central station within 5 minutes.[1]
o 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. "Fault Data" will announce at central station if proper data is not received.*
o The record and display rate of subsequent alarms will not be less than one every 10 seconds.
o Compatible with control panels that communicate using Contact ID format.
o Can use local or remote antenna
o Installed in separate enclosure connected to main alarm panel; has its own back-up batteries

Inspection procedure:
[1]*Verify check-in timing. Timing is programmed by installer into the communicator. Must communicate 3 times in 5 minutes (typically once every 97 seconds). "Account Absent" message will annunciate at central station if 3 consecutive heartbeats are not received. Receipt of 2 consecutive heartbeats will restore system.*

TELGUARD TG-7FS S has a network connection and signal strength indicator.

Approved: 09-19-2013, SR 185257