

ATLANTIC COUNTY 800 MHz TRUNKED RADIO SYSTEM NETWORK

USER POLICY and STANDARDS

In order to maintain protection for the Public Safety subscribers and users of the County radio system, as well as for the protection and performance of the system, Atlantic County requires that any hand-held, mobile, or base station radio that will be registered as a subscriber to operate through the system, must meet the following standards:

1. The subscriber radio must be compliant with the Telecommunications Industry Association Project-25 suite of standards and features as they relate to the Atlantic County trunked radio system.
2. The subscriber radio must meet the performance specifications as outlined in the Telecommunications Industry Association documents TIA-102.CAAB-D "Land Mobile Radio Transceiver Performance Recommendations" as well as TIA-102.CCAB "Two-Slot Time Division Multiple Access Transceiver Performance Recommendations" as they apply to "Class-A" equipment.
3. The subscriber radio must operate from 764 MHz continuously through 870 MHz without any degradation of performance.
4. The subscriber radio must be equipped to operate with APCO Project-25 Phase-II TDMA trunked radio systems.
5. Any subscriber radio to be used for police communications must operate with P25 DES encryption over P25 Phase-II.
6. The P-25 DES encryption must operate in a multi-key environment. Therefore, the radio must operate with any valid key ID in addition to the default key ID.
7. Encryption keys must be loaded using a dedicated hardware device for key-fill. The key-fill device must allow keys only to be entered and stored in the unit. The keys must not be able to be read out of the key-fill device or the subscriber radio.
8. The subscriber radio operating firmware must be a "release" and/or "production" version - not a developmental, experimental, or "beta" version.
9. The proposing vendor MUST provide a list of not less than 5 references where the proposed radio equipment has been successfully tested and operating on a P-25 Wide Area network for a period of not less than 6 months and provide Contact Information for each reference.
10. The proposing vendor MUST supply documentation that the equipment proposed for operation on the Atlantic County system has been verified in the Harris P-25 Compliance lab and verify compatibility with SR10A.1 or newer software platform.

Atlantic County will not permit experimentation on the live public safety radio system. Any testing must be performed on vendor provided P25 Phase-II working systems. An official corporate letter, complete with supporting technical documentation that proves that their subscriber product meets all eight of the previously stated standards, will be required by Atlantic County prior to registration of the radio onto to the system.

Any manufacturer, vendor or entity that falsely, knowingly, or carelessly claims that a subscriber unit meets these standards, when in fact that unit does not, shall forfeit any and all future opportunity for registration or use of subscriber units on the Atlantic County radio system.

All programing and configuration validation must be performed by the Atlantic County managed services provider with no exceptions. Any demonstrations of the proposed equipment must be SPECIFICALLY approved in writing by the Director of Emergency Management or his designee and the end user must be verified and clearly identified.

I, _____, representing _____
(Printed name) (Agency/Company)

Agree to the terms and conditions of this policy, _____
(Signature of representative)

Authorization of subscriber radios to be operated and/or tested on the County radio system;

(Name and title of authorizer)

(Date)

(Signature of authorizer)

