



Statewide Interoperability Radio Network (SIRN) Standards, Protocols, Procedures



Document Section	Management of System	Status: Subcommittee Approval
State Standard Number	2.4.0	
Standard Title	Subscriber Surplus Radio Disposal	Date: 10/27/2019
Date Established	10/21/2019	SIEC Approval: Pending
Replaces Document Dated	10/21/2019	
Date Revised/Reviewed	07/27/2020	

1. Purpose or Objective

To ensure that all subscriber radios are removed from the SIRN system and set to factory default settings prior to being programmed when they are no longer needed or disposed of.

2. Technical Background

▪ Capabilities

Each programmed subscriber radio contains a listing of local, regional and statewide system information.

▪ Constraints

If radios are not properly de-programmed, there is a potential for a number of system-level issues. These issues include, but are not limited to, duplicate radio ID's, talkgroup usage issues, talkgroup affiliation issues, and encryption keys remaining in the radios, as well as complete SIRN system programming information.

3. Operational Context

Subscriber radios that have not been de-programmed could be turned on and cause system issues. Duplicate ID's can cause receive issues for owning agency with same radio ID. There is also the potential of releasing a significant amount of proprietary system information like control channel list, wide area communications network (WACN), SYSTEM ID, network access codes (NAC), and encryption keys, as well as many other technical parameters.

4. Recommended Protocol/Standard

Surplus subscriber radios must be de-programmed or destroyed to prevent unwanted consequences to the SIRN system.

5. Standard Procedure

All surplus subscriber radios must be deprogrammed. The subscriber radios must have all the SIRN Trunking System information including all encryption keys, and all frequencies removed. They must be completely de-programmed/reset/wiped before the subscriber radio is transferred,



Statewide Interoperability Radio Network (SIRN) Standards, Protocols, Procedures



sold, or scrapped. The ID of the radios should be set to 1. It is strongly recommended that surplus subscriber radios only be sold or transferred to other authorized SIRN users or dealers.

6. Management

System Administrators and subscriber radio owners will be responsible for ensuring that all radios are disposed of or deprogrammed correctly.