



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



Document Section	3 – Configuration and Allocation	Status: SIEC Sub Committee Approval Date: 5/24/2022 SIEC Approval: 5/24/2022
State Standard Number	3.9.0	
Standard Title	Talkgroup and Radio User Priority	
Date Established		
Replaces Document Dated	N/A	
Date Revised/Reviewed	5/24/2022	

1. Purpose or Objective

The purpose of this Standard is to establish priority levels for SIRN talkgroups. This will ensure the most critical talkgroups are granted a radio channel as quickly as possible in the event the system experiences busy conditions.

2. Technical Background

Capabilities

The SIRN platform has multiple priority levels to manage access to the network at the talkgroup and user levels.

Constraints

While the SIRN platform has been engineered to sufficiently handle all public safety, public service and local government two-way radio users in the State, it has finite resources. In the rare event that a radio site is congested, the system is configured to prioritize system access such that the most critical transmissions are processed first.

3. Operational Context

The goal of priority levels is to distribute priorities across the system’s talkgroups in a way that maximizes the ability for critical groups to communicate and minimizes the number of talkgroups with highest priority.

4. Recommended Protocol/ Standard

Radio- or Unit-based Priority Levels

Priorities will be managed *only* at the talkgroup level; therefore, all User Priorities will be equally set at level 10. This setting will effectively strap users to be prioritized by the talkgroup they are on.

Talkgroup Priority Levels

SIRN talkgroups will be assigned priority level as follows.

Priority 1: Emergency or System All Transmissions





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



Priority 1 will be used only for Emergency calls, i.e., calls where the emergency button is pressed will be given Priority 1 status. Statewide Hailing talkgroups would have Priority One access.

Priority 2: Extraordinary/Temporary Console Tactical Upgrade for Priority 3

Priority 2 will be used for temporary reprioritization/upgrade of Priority 3 talkgroups for critical operations, i.e., VIP motorcades, major incident command, etc. Priority 2 may also be used to temporarily elevate HAIL or statewide/regional announcement talkgroups as well as agency dispatch/main talkgroups in the event of system congestion. At the end of the incident the dispatcher will return the upgraded talkgroup from “tactical” to “normal.”

Priority 3: High Priority Talkgroups

Priority 3 will be used for all public safety talkgroups with mission critical requirements. These will typically include all talkgroups used by law enforcement, fire and EMS agencies, as well the Statewide and Regional Interoperable talkgroups.

Priority 4: Temporary Console Tactical Upgrade for Priority 5

Priority 4 will be used for temporary reprioritization/upgrade of Priority 5 talkgroups. At the end of the incident the dispatcher will return the upgraded talkgroup from “tactical” to “normal.”

Priority 5: Medium Priority Talkgroups

Priority 5 will be used for

- Administrative or non-critical talkgroups used by public safety agencies
- Critical talkgroups used by public service and local government agencies

Priority 6: N/A

Priority 7: N/A

Priority 8: N/A

Priority 9: Temporary Console Tactical Upgrade for Priority 10

Priority 9 will be used for temporary reprioritization/upgrade of Priority 10 talkgroups. At the end of the incident, the dispatcher will return the upgraded talkgroup from “tactical” to “normal.”

Priority 10: Non-Mission Critical Agencies

Priority 10 will be used generally for agencies with limited mission-critical functions such as public service and local government entities.

Priority 11: Maintenance

Priority 11 will be assigned for talkgroups used by system technicians for maintenance

Late Entry / Fast Start

SIRN talkgroups will be set to FAST Start. This setting enables a group call to start as soon as system resources are available for two or more users, even if users on congested sites do not yet have access. Talkgroups will thus support Late Entry Users allowing users at congested sites to enter a group call





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



after it has started (when a channel at the site becomes available).

Agencies seeking to set their talkgroups to ALL Start must submit a talkgroup modification request per the SIRN Standard 3.3.1 Talkgroup Change Request.

5. Recommended Procedure

Only the Statewide System Administrator or designee may assign talkgroup priority levels. The Statewide System Administrator and Subsystem Administrators shall follow the outlined priority levels when creating or modifying talkgroups in SIRN.

PSAP Managers or designee can set temporary Console Tactical Upgrades per this Standard or at the request of incident commanders.

6. Management

Statewide System Administrator is responsible for supervision and management of this procedure.