PSERN PUGET SOUND EMERGENCY RADIO NETWORK

PSERN Standard Radio Features and Functions Overview

This document provides an overview of the standard radio features and functions that the Puget Sound Emergency Radio Network (PSERN) Project will deploy to customer agencies. There are two categories of PSERN radios: 1) Public Safety (fire, EMS, law enforcement) and 2) General Government (public works, hospitals, other) and this is the chart key:

- S = Standard *(provided by PSERN Project to agencies for each radio or equipment exchanged)*
- N = Non-Standard *(only provided if agency committed to purchasing during the Final Radio Inventory process)*

Agencies can reference their Validated Final Radio Inventory spreadsheet to determine the configurations (column A) and models (column B) that they will receive from the PSERN Project.

A	B	C	D
PSERN PROVIDED RADIO CONFIGURATION	**PSERN PROVIDED RADIO MODEL**	**RADIO NAME (AGENCY PROVIDED)**	**RADIO TYPE (AGENCY PROVIDED)**
This is the Fire, EMS, Law Enforcement, General Govt. Configuration(s) of radios that you will receive from the PSERN Project in exchange for the radio listed in Column F	*This is the model of radio you will be receiving from the PSERN Project*	*This is the commonly referred to name of the radio*	*Mobile/Portable etc.*
Fire, EMS & Law Enforcement Mobile Radio Config #1	APX 4500 O2 Dash Mount	MCS 2000 I Dash	MOBILE
Fire & EMS Portable Radio Config #1	APX 6000XE 2.5	MTS 2000	PORTABLE

For more information, please visit PSERN.org or contact PSERN-INFO@kingcounty.gov.

Public Safety Standard Radio Equipment for Fire, EMS, and Law Enforcement

Mobile Radios

Configuration: Fire, EMS, and Law Enforcement Mobile Radio Config #1
Model: APX 4500 O2 Dash Mount
Motorola Datasheet: APX ™ 4500 Project 25 Mobile Radio *(Available in black or high visibility green.)*

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Vehicle Quad Head Trunk Mount	Motorcycle Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
S					S	S	S

Configuration: Fire, EMS, and Law Enforcement Mobile Radio Config #2
Model: APX 4500 O2 Trunk Mount
Motorola Datasheet: APX ™ 4500 Project 25 Mobile Radio *(Available in black or high visibility green.)*

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Vehicle Quad Head Trunk Mount	Motorcycle Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
	S				S	S	S

Configuration: Fire, EMS, and Law Enforcement Mobile Radio Config #3

Model: APX 6500 E5 Dual
Motorola Datasheet: APX 6500 Project 25 Mobile Radio

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Vehicle Quad Head Trunk Mount	Motorcycle Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
		S			S	S	S

Configuration: Fire, EMS, and Law Enforcement Mobile Radio Config #4
Model: APX 6500 E5 Quad
Motorola Datasheet: APX 6500 Project 25 Mobile Radio

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Vehicle Quad Head Trunk Mount	Motorcycle Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
		S			S	S	S

Configuration: Fire, EMS, and Law Enforcement Mobile Radio Config #5
Model: APX 6500 E5 Motorcycle
Motorola Datasheet: APX Next Series All-Band P25 Smart Radio

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Vehicle Quad Head Trunk Mount	Motorcycle Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
				S	S	S	S

Portable Radios

Configuration: Law Enforcement Portable Radio Config #1
Model: APX 6000 2.5
Motorola Datasheet: APX 6000

Lapel Mic	Encryption & OTAR	GPS Capable +Antenna	Limited Keypad	Bluetooth	Ruggedized Hazard/Enviro Capable	Over the Air Programming (OTAP)
S	S	S	S	S	N	S

Configuration: Fire and EMS Portable Radio Config #1
Model: APX 6000XE 2.5
Motorola Datasheet: APX 6000XE

Lapel Mic	Encryption & OTAR	GPS Capable +Antenna	Limited Keypad	Bluetooth	Ruggedized Hazard/Enviro Capable	Over the Air Programming (OTAP)
S	S	S	S	S	S	S

The APX6000 portable radios come with either a single unit rapid charger (Model WPLN7080) or, for every six radios, a 6-pocket multi-unit charger (Model NNTN8844) is provided. Also, for every six radios ordered, end-user agencies can decide between either a 6-pocket multi-unit charger or six individual chargers.

Control Station

Configuration: Control Station Config #2 PS
Model: APX 4500 O2 CS
Motorola Datasheet: [APX 4500 Control Head](#)

Encryption & Over the Air Rekey (OTAR)	Over the Air Programming (OTAP)
S	S

Consolette

Configuration: Consolette Config #2 PS
Model: APX Consolette
Motorola Datasheet: [APX Single-Band Consolette](#)

Encryption & Over the Air Rekey (OTAR)	Over the Air Programming (OTAP)
S	S

General Government Radio Equipment for Public Works, Hospitals, and Others

Standard Mobile Radios

Configuration: General Government Mobile Radio Config #1
Model: APX 4500 O2 Dash Mount
Motorola Datasheet: [APX 4500 Project 25 Mobile Radio](#)

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
S			N	N	S

Configuration: General Government Mobile Radio Config #2
Model: APX 4500 O2 Trunk Mount
Motorola Datasheet: [APX 4500 Project 25 Mobile Radio](#)

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
	S		N	N	S

Configuration: General Government Mobile Radio Config #3
Model: APX 6500 E5 Dual
Motorola Datasheet: APX 6500 Project 25 Mobile Radio

Vehicle Dash Mount	Vehicle Trunk Mount	Vehicle Dual Head Trunk Mount	Encryption & Over the Air Rekey (OTAR)	GPS Capable +Antenna	Over the Air Programming (OTAP)
		S	N	N	S

Standard Portable Radios

Configuration: General Government Portable Radio Config #1
Model: APX 4000 II
Motorola Datasheet: APX 4000 Project 25 Portable Radio

Lapel Mic	Encryption & OTAR	GPS Capable +Antenna	Limited Keypad	Bluetooth	Ruggedized Hazard/Enviro Capable	Over the Air Programming (OTAP)
S	N	N	S	N	N	S

Control Station

Configuration: Configuration #1 Control Station Local Government
Model: APX 4500 O2 CS
Motorola Datasheet: APX 4500 Control Head

Encryption & Over the Air Rekey (OTAR)	Over the Air Programming (OTAP)
N	S

Consolette

Configuration: Consolette Config #1 PW
Model: APX Consolette
Motorola Datasheet: APX Single-Band Consolette

Encryption & Over the Air Rekey (OTAR)	Over the Air Programming (OTAP)
N	S