

PROJECT TITLE:
Radio Security Enhancements

FUNCTIONAL AREA / AGENCY:
Office of the Sheriff

PROGRAM AREA:
Radio Communication and Systems

PREVIOUS CAPITAL FUNDING:
\$0

PROJECT COMPLETION DATE:
FY 24-25

FUNDING SOURCE-CAPITALIZED COST:
ARP & Other Pay-Go

Project Description:

This project intends to implement Motorola's Over-the-Air-Rekeying (OTAR), Radio Management Solution, and licensing required to seamlessly migrate JSO from the current legacy encryption for Radio Communications.

Level of Service Impact:

Ensures that a robust encryption standard protects the integrity of its radio communications. In addition, future encryption key changes will be made over the air, eliminating the requirement to rekey all JSO radios physically.

<u>Capitalized Costs</u>	<u>Total Est. Cost</u>	<u>Prior Yrs. Funding</u>	<u>FY 23-24</u>	<u>FY 24-25</u>	<u>FY 25-26</u>	<u>FY 26-27</u>	<u>FY 27-28</u>
Software	\$ -						
Hardware	\$ 1,600,000		1,600,000				
Professional Svcs	\$ -						
	<u>\$ 1,600,000</u>	<u>\$ -</u>	<u>\$ 1,600,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

<u>Annual Operational Costs:</u>	<u>FY 23-24</u>	<u>FY 24-25</u>	<u>FY 25-26</u>	<u>FY 26-27</u>	<u>FY 27-28</u>
FTEs					
Salary / Benefits					
Software Hosting					
Operating Costs					
SW/HW License Maintenance					
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

<u>Estimated Savings and/or Offsets:</u>	<u>FY 23-24</u>	<u>FY 24-25</u>	<u>FY 25-26</u>	<u>FY 26-27</u>	<u>FY 27-28</u>
FTEs					
Operating Costs					
SW/HW Maint					
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Benefits to the Public:

By securing radio communications, JSO will maintain secure coordination and real-time information sharing among officers and leadership. This can improve situational awareness, aid in coordinated responses, and help prevent criminal elements from gaining insights into law enforcement operations. In addition, future encryption changes will be made over the air, saving 1000s of hours.