



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Sheriff's Office



Date: February 8, 2013
Board Meeting Date: March 12, 2013
Special Notice / Hearing: None
Vote Required: 4/5ths

To: Honorable Board of Supervisors

From: Greg Munks, Sheriff

Subject: Approve an Appropriation Transfer Request for the Message Switch

RECOMMENDATION:

Approve an Appropriation Transfer Request in the amount of \$150,000 from Message Switch Reserves to Fixed Assets to fund the replacement of routers used by Lawnet to provide secure interoperable network communications to County law enforcement agencies (4/5ths vote required).

BACKGROUND:

The San Mateo County Message Switch System (MSS) presently serves over 30 user agencies, including County criminal justice departments, city police departments, and state, federal, and specialized law enforcement bodies. The MSS is a specialized computer and communications network that electronically moves "messages" (inquiries, responses, and information bulletins) to and from major criminal justice and related law enforcement databases maintained by San Mateo County; other counties; the State of California; the State of Oregon; and federal law enforcement agencies. Among the primary databases accessed are the California Law Enforcement Telecommunications System (CLETS); State Department of Motor Vehicles records; San Mateo County's CJIS System; FBI records; the AWS System maintained by Alameda County; the National Crime Information Center (NCIC); Federal and State Absent Parent Locator services; the Probation/Parole Supervised Release File database; and a variety of other databases.

A secured law enforcement intranet, called LawNet, serves as the transmission network for the Message Switch. It connects all the County police departments and the Sheriff's Office in a peer-to-peer, Wide Area Network (WAN) permitting TCP/IP message traffic to flow among agencies. Lawnet provides secure interoperable network communications to law enforcement agencies within San Mateo County, and supports multiple law enforcement mission critical systems throughout San Mateo County

including Livescan, Mugshots, Message Switch, Mobile Data Terminals, and RIMS installations.

DISCUSSION:

The current core network routers were purchased in 1999 when Lawnet was originally constructed. The current routers are past end of life and no longer have maintenance agreements. Replacement of the core equipment is critical to ensure high availability and functionality for law enforcement customers.

The costs of operating the Message Switch are shared among all participants based on actual usage. The Message Switch fund has built reserves in order to replace Message Switch hardware and operating software. The accumulated reserves balance was funded through user agency contributions. Although the contribution for equipment replacement is budgeted annually, the actual purchase of this newly identified replacement was not included in the FY 2012-13 budget. An Appropriation Transfer Request is needed in order to replace the core network routers used by Lawnet.

This ATR contributes to the Shared Vision 2025 for a Healthy Community by ensuring that equipment is updated to ensure high availability and functionality for law enforcement customers.

PERFORMANCE MEASURE:

| Measure | Calendar Year 2010 | Calendar Year 2011 |
|--|--------------------|--------------------|
| Number of input messages transmitted across the MSS system | 15,087,085 | 14,567,821 |

FISCAL IMPACT:

There is no Net County Cost. Message Switch Departmental Reserves will be used to fund the replacement of the network routers.