



# Seguin Police Department

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## MEMORANDUM Admin 14-021

**To:** City of Seguin City Council  
Mr. Douglas Faseler, City Manager

**From:** Kevin K. Kelso, Chief of Police

**Reference:** Radio System Upgrade

**Date:** July 29, 2014

During the beginning of July 2014 the Police Department experienced an outage in our emergency radio system. Heavy rains infiltrated the AT&T line that carries the signal from the radio tower to the Police Department. This caused the entire radio system that supports the Police Department to stop functioning for a significant period of time. We were on back-up radios in excess of three (3) weeks. This was not the first time that the T1 line has gone down and created a radio outage but it was however the longest that it had been down at any one time.

While attempting to identify a solution the problem, it was learned that our "firmware" was outdated and needed to be updated. In order to perform routine maintenance, our firmware to the dispatch consoles must be updated. In addition to this, the Windows operating system is no longer supported by Microsoft so it is necessary to transition to the Windows 8 operating system.

Motorola has gone through extensive planning to ensure we receive the best combination of equipment that allows us optimal service as well as the ability to upgrade for future growth needs. Without moving forward with these recommendations from Motorola, we are subject to additional outages that may or may not be able to be repaired in the future. It has been suggested by Motorola that we move away from the T1 line and replace it with radio frequency technology for connectivity. This will also allow us to eliminate a recurring cost to AT&T for the T1 line.

The projected cost of this project is \$114,126.00 and staff recommends proceeding with this option, as identified by Motorola.

Following this equipment approval will be a budget adjustment for FY2014 General Fund.

**O.U.R. S.P.D.**

*Order, Understanding, Respect, Service, Pride, Dedication*