



COLLIN COUNTY

Information Services
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To: Judge Keith Self
Commissioner Webb
Commissioner Hill
Commissioner Williams
Commissioner Shaheen
Bill Bilyeu

From: Caren Skipworth, CIO

Date: June 26, 2013

Re: Budget Amendment for Tapeless Backup Solution

Information Technology is requesting approval of two budget amendments and authorization for equipment trade-in to fund the tapeless backup solution project.

During the FY13 budget IT recommended upgrading the existing tape backup system. After evaluating this upgrade of older technology (equipment 6 & 8 years old), technology installed with the AS/400, and the significant growth of the County's data due to heavy imaging IT is recommend moving the County to a tapeless backup solution (backup to disk instead of tape). Upgrading the current tape backup system is not going to support the Counties backup requirements. Below are some of the benefits of the tapeless backup solution.

1. Prevents nightly and weekly backups running into business hours causing network performance issues we are currently experiencing.
2. Increases the reliability of the backup solution.
3. Improves our data de-duplication rates, which reduce the time to backup duplicated documents or data.
4. Restoring of documents or data is quicker.
5. Provides real-time backups, reducing the chance of losing a days' worth of County work.
6. Will support a mirrored solution for disaster recovery purposes.
7. IT can configure the system to notify the backup administrator of any servers added to the network and use current technology like email & text to notify the administrator that backups are successful or when it experiences failures. Tape backup technology will not allow this.

IT is requesting funds allocated to upgrade the existing tape backup system and funds left over from a completed encryption project be utilize to cover the remain cost of this purposed solution.