LOCAL GOVERNMENT
FISCAL NOTE

AGENCY'S ESTIMATES

Date Prepared: March 2, 2015

Agency Submitting: Washoe County

Items of Revenue or Expense, or Both	Fiscal Year 2014-15	Fiscal Year 2015-16	Fiscal Year 2016-17	Effect on Future Biennia
Securing Data (Expense)	$657,500			
Total	$657,500	0	0	0

Explanation   (Use Additional Sheets of Attachments, if required)

Exhibit 1

Name   Liane Lee

Title   Government Affairs Manager

FN 2152

2015 Legislative Session
BDR 52-756

Fiscal Impact: Has Impact
Name of Agency: Washoe County
Division/Department: Technology Services

Impact

This bill proposes to add additional information to what the current statute defines as Personal Information. This information is required to be encrypted while at rest and encrypted during transmission. The existing NRS is the person's name with any of the following:

1. Driver's license number or ID card
2. Account number, credit card, debit card

The purposed additional requirements are:
1. Medical ID numbers
2. Passport Number
3. Unique numbers issued by the U.S. Government
4. A user name or email with a password or security question and answer
5. Digital signature
6. Person's name, date of birth or address in combination with other information that might cause identity theft.

Since the County is in the business of serving citizens, every system TS can think of is people based and stores basic person demographic data along with other attributes that when put together could offer an opportunity for identity theft. Increases to storage will be significant.

The impact does not stop at the storage of data either. In an effort to become more efficient and reduce duplication of data collection and entry many systems are integrated and/or interfaced and pass this data between each other. To accomplish this communication connections are opened to connect systems and files are created that contain personal data and placed in shared locations so they can be consumed and input into destination systems.

There is also a big push to allow remote access to County data via the internet. This type of data can be made available either on servers that live outside of our network to make information accessible to the outside world or, in some cases, via secure tunnels through our network.
Fiscal Impact Detail:

- Identify any data sources (DB's, images, reports, web pages, emails, etc...) that may contain personal attributes that would need to be protected. 2 people working full time for 3 months.
    - $57,000 (Based on $114,000 annual salary per employee.)

- Addition of roughly 50 new firewalls
  - $300,000 (Based on estimated cost of $6,000 per firewall * 50)
- Addition of new Cyber Security position to administer the firewalls
  - $120,000 (Based on estimate of Senior Network Engineer position)
- Purchase of OCR recognition software to identify images that need to be redacted
  - $500 (Based on estimate for Maestro Recognition Server)
- Redact identified images
  - $160,000 (Based on amount of time current Recorder's Office redaction initiative has been going on. Estimating one employee working for 2 years.)
- Software to scan protected devices for violation of regulatory standards.
  - $20,000 (Based on estimated cost of Tripwire. $7,000 for Unlimited Console module and $13,000 for file system and network device monitoring.)

Total Estimated Fiscal Impact - $657,500

Revenue Impact

Type	Items of Revenue or Expense or Both- *ADD DESCRIPTION*	FY 2014-2015 (Insert $ Amount)	FY 2015-2016 (Insert $ Amount)	FY 2016-2017 (Insert $ Amount)	Effect on Future Biennia (Insert $ amount)
Expense	Equipment to redact information from documents on the public information portals and additional layers of security. In this same vein reports are generated and distributed both electronically and manually with personal data. The fiscal impact of securing and encrypting databases, networks, servers and such is potentially large. Not to be underestimated is the cost associated with the research and analysis needed to identify all of the potential areas of vulnerability and to come up with a plan to address each of them. Impacts to FTEs as well. The County may need to increase its cyber-security staffing resources.	$657,500			