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John F. Byers
Chief Information Security Officer

Sam Brownback, Governor

March 25, 2015

Tom Sloan
Representative 45th District
Douglas County

Dear Rep Sloan,

Last Monday, the 16th of March, while providing testimony to the House Standing Committee Vision on 20/20, committee members asked for two specific items. The first request was for a comparison of the proposed organizational chart versus existing structure. The second request was for a white paper of services the Enterprise Security Office currently provides. Enclosed at enclosure one and two are the responses to the requests.

If you like to discuss this further or have any questions please don't hesitate to give me a call at 785-296-8434.

Sincerely,

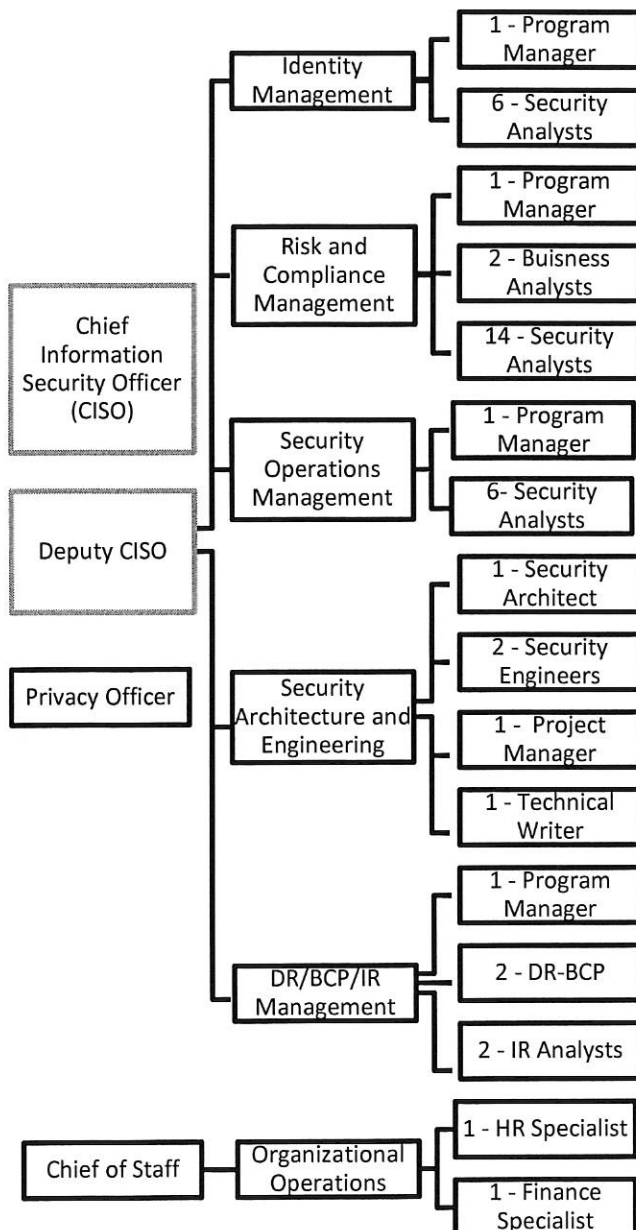
John F. Byers
Chief Information Security Officer
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Encl 1 – Organizational Chart Comparison
Encl 2 – Security Services

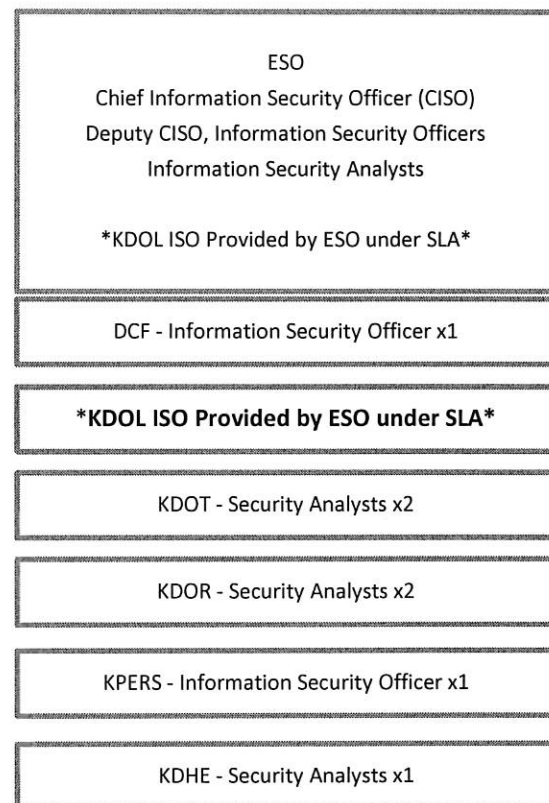
Enclosure 1 – Organizational Structure Comparison

The proposed structure is on the left, existing structure is on the right. The obvious conclusion is that the approach of the existing structure in a word is inefficient. The number of security professionals listed on the right is accurate as reported from a survey conducted in October of 2014; out of 100 state agencies we have only 11 security professionals. While agencies may argue they have more, it's simply not the case; having unqualified IT folks performing security functions is extremely high risk. It should also be noted that this practice is directly responsible for the lack of risk awareness at the leadership level. These employees are not qualified to evaluate risk nor should they be put in a position to make that decision. The proposed solution on the left solves all this by providing adequate qualified security professionals to both manage day to day security tasks, and keep leadership informed of all organizational risks.

Proposed with Security Strategic Plan



Current Security Positions



Enclosure 2 – Security Services (currently offered by the Enterprise Security Office)

While services are based on staff availability, queues remain low because either agency leadership are unaware of information security risks or there is simply not enough money in their budget to address the risk.

- Host Vulnerability Scans - \$75 hr (typically 3 hrs)
- Web Site Vulnerability Scans \$75 hr (typically .5 hr)
- Web Site Vulnerability Scans (Credentialed) \$75 hr (typically 1 hr)
- Security Consulting - \$75 hr (Security assessments, Security engineering, etc.)
- Information Security Officer (ISO) – SLA based, pricing dependent on agency size and complexity
- Managed Security Services (MSS) – SLA based, pricing dependent on agency size and complexity
- **SSL Certificates** – this pricing will begin to reduce when we exceed the number needed to recover costs. It should also be noted that these are Entrust certificates; the only Certificate Authority that has never been breached.
 - Standard SSL cert/yr \$70.00
 - Advantage SSL cert/yr \$80.00
 - Extended Validation (EV) SSL cert/yr \$100.00
 - Unified Communication (UC) SSL cert/yr \$85.00
 - Wildcard SSL cert/yr \$350.00
 - Privately Trusted SSL (Non-registered Domains) SAN/yr \$20.00
 - UC Subject Alternate Name (SANs) SAN/yr \$16.00
 - EV Subject Alternate Name (SANs) SAN/yr \$48.00
 - Code Signing SSL cert/yr \$100.00
- Smart Credentials (ID Badges/Multifactor Authentication) (5yr)
 - Medium H/W Smartcard \$27.50
 - Medium H/W Smartcard w/proximity \$32.50
 - PIV-I Smartcard \$39.00
 - PIV-I Smartcard w/proximity \$44.00
 - Medium H/W USB Token \$42.00
 - Mobile Credential (Requires H/W above) \$10.00

- **Anti-Virus/Malware Protection: Sophos** - while we do not manage this product, the CISO negotiated a dramatic reduction in pricing on this antivirus suite. This pricing is available to governments at all levels through a state contract with SHI. The packages below are available through State contracts 7745AA, 36093 and 36094, all of which can be found at <http://www.da.ks.gov/purch/Contracts/>.

	Complete Security Suite	Data Protection Suite	Web Protection Suite	Endpoint Protection Advanced
AV/HIPS/Live Protection	✓	✓	✓	✓
Client Firewall	✓	✓	✓	✓
Application Control	✓	✓	✓	✓
Device Control	✓	✓	✓	✓
Web Filtering in Endpoint	✓	✓	✓	✓
DLP, NAC, Patch	✓	✓	✓	✓
Web Protection	✓		✓	
Email Protection	✓	✓		
Full-Disk Encryption	✓	✓		
Mobile Device Mgmt.	✓			
Groupware	SharePoint, Exchange	Exchange	Exchange	Exchange
Platforms	Win, Mac, Linux, Unix, VM, EMC	Win, Mac, Linux, Unix, VM, EMC	Win, Mac, Linux, Unix, VM, EMC	Win, Mac, Linux, Unix, VM, EMC
Support	24x7	24x7	24x7	24x7
1yr per seat	\$13 (SHI SKU EPAP1UPGV)	\$10 (SHI SKU CSSO1UPGV)	\$10 (SHI SKU DPSP1UPGV)	\$6 (SHI SKU WPSP1UPGV)
3yr per seat	\$26 (\$8.67 per yr) (SHI SKU EPAP3UPGV)	\$20 (\$6.67 per yr) (SHI SKU CSSO3UPGV)	\$20 (\$6.67 per yr) (SHI SKU DPSP3UPGV)	\$13 (\$4.33 per yr) (SHI WPSP3UPGV)
5yr per seat	\$39 (\$7.80 per yr) (SHI SKU EPAP5UPGV)	\$30 (\$6 per yr) (SHI SKU CSSO3UPGV)	\$30 (\$6 per yr) (SHI SKU DPSP5UPGV)	\$19.50 (\$3.90 per yr) (SHI SKU WPSP5UPGV)