

House Government, Technology and Security Committee
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Testimony in Support of House Bill 2331, Kansas Cybersecurity Act
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Good Afternoon Chairman DeGraaf and members of the House Government, Technology and Security Committee. My name is Adrian Guerrero, Director of Operations for the Kansas State Board of Nursing. I am here to provide testimony in support of HB 2331.

I appreciate this time to tell you about our IT Security needs at the Kansas State Board of Nursing (KSBN). The agency was developed in 1913 by legislative action. The mission of the Board of Nursing is to assure the citizens of Kansas safe and competent practice by nurses and mental health technicians through licensure and regulations of Registered Nurses, Licensed Practical Nurses, four roles of Advance Practice Registered Nurses, and Licensed Mental Health Technicians. There are eleven Board members appointed by the Governor. KSBN is the largest health care fee fund board with approximately 72,000 active licensees and receives no state general funds.

KSBN continues to increase its use of technology to deliver services to citizens and nurses of our state. Technology can provide real time information, but safe guards and security measures must be taken to prevent data breaches or fraud. We have become increasingly dependent on creating, collecting and analyzing data. At the same time hackers and nation-state sponsored cyber-criminals are also interested in this same type of information. Our dependence on technology and sensitive data has the potential to place our agencies at risk for intrusion and theft. As these threats continue to grow, we continue to analyze our operations to ensure we protect our information assets so that we can continue to maintain the public's trust in our systems and operations.

KSBN has a long list of IT and operational based accomplishments and streamline efficiencies. Some those accomplishments and efficiencies include;

- First health care regulatory board with a partnership with Kansas.Gov to have real time on-line renewals launched in February, 2001 which won a national award
- First small agencies to implement a document imaging system in place with over 3,226,163 imaged documents
- Created the first paperless board meeting
- Developed online education annual reports
- Developed the KANN Check system allowing employers and educational institutions to be proactive with license verification
- Became part of the volunteer registry in partnership with the Kansas Department of Health and Environment and is by far the biggest contributor to the efforts to recruit emergency volunteers

- Partnered with three other agencies to develop a RFP for licensing software. Two agencies teamed together to purchase a software which helped lower the cost. Our agency has shared information about the success of the software and there are now several agencies that use the same software. It is now considered the state standard for professional licensing system.
- Electronic fingerprints implemented in 2010
- Paperless license cards
- Enhanced free on-line verification
- Kansas Automated Nurse Notification (KANNAlert) was developed and won the Askew Award. Pushes information to the nurses about their renewals and emergency notifications
- On-line application launched prior in November 2016 which will help streamline the paper application to electronic for approximately 7000 applicants a year
- On-line services developed by staff at the total cost of \$40.00 a year
 - Continuing Nursing Education (CNE) provider new and five year renewal applications
 - IV therapy annual report
 - CNE single program offering application
 - Fingerprint card order form
 - Mailing data list request form
 - CNE annual report

KSBN currently has an agreement with the KS Information Security Office (KISO) for vulnerability management to assess KSBN computers, computer systems, networks, or applications for weakness. Per the agreement with KISO, the KSBN servers and workstations are scanned quarterly and the applications and websites will be scanned semi-annually.

KSBN also has an agreement with KISO to manage the agency's firewall service for all phases of a firewall security solution, which includes architectural validation, implementation, and administration. KISO security analysts provide consultation and recommend security best practice to aid in establishing the desired security policy to protect data assets. With this service, KISO conducts a design and consultation with KSBN, configure and support firewalls, maintain firewalls with the latest security patches and software releases, store and retain firewall logs, and 24X7 centralized monitoring and management via KISO/OITS network operation center.

Through the passing HB 2331 we can establish a consolidated governance structure to more efficiently address resource shortages and to promote efficient protection. Some of those efficiencies could include;

- Scale in resources that individual agencies cannot afford.
- Focus and ongoing diligence is needed in areas such as;
 - Risk Assessment
 - Predictive Analysis
 - Compliance with federal & state requirements such as HIPPA, FERPA, CJIS, etc.
- Standardization of tools, methods and techniques
- Diversity of skills and knowledge-sharing among KSBN & Information Security professionals.
- Efficiency & Procurement via economies of scale.

The board respectfully asks for favorable action on HB 2331. Thank you for your time and consideration and I will stand for questions.