

**Written Only**

**Date:** 03/17/2017

**Time:** 01:30 PM

**Location:** 414

**Committee:** Senate Economic Development,  
Tourism, and Technology  
Senate Higher Education

**Department:** Education

**Title of Bill:** HB 0598, HD2 RELATING TO CYBERSECURITY.

**Purpose of Bill:** Authorizes and provides funding for the University of Hawaii to participate in and contribute funding for the development of a Hawaii cyber ecosystem and related aspects of cyber security. (HB598 HD2)

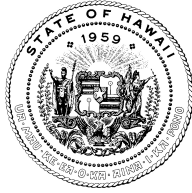
**Department's Position:**

Chair Wakai, Chair Kahele, and members of the Senate Committee on Economic Development, Tourism and Technology (ETT), and members of the Senate Committee on Higher Education (HRE), thank you for this opportunity to submit testimony in strong support of HB 598 HD2 which authorizes and provides funding for the University of Hawaii to participate in and contribute funding for the development of a Hawaii cyber ecosystem and related aspects of cyber security.

The Department of Education (DOE) currently works closely and collaboratively with the University of Hawaii System, including its community colleges, to prepare our students for careers in technology related disciplines. The authorization and provision of funding for the University of Hawaii to participate in and contribute funding for the development of a Hawaii cyber ecosystem and related aspects of cyber security will provide DOE students with not only additional and continued technology based education curriculum, but also the additional opportunities for careers in Hawaii's technology and innovation economy.

Thank you again for your consideration of the Department of Education's strong support of HB 598 HD2.

DAVID Y. IGE  
GOVERNOR



TODD NACAPUY  
CHIEF INFORMATION  
OFFICER

**STATE OF HAWAII**  
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Testimony of  
TODD NACAPUY  
Chief Information Officer, State of Hawai'i

Before the

SENATE COMMITTEES ON  
ECONOMIC DEVELOPMENT, TOURISM, AND TECHNOLOGY  
AND  
HIGHER EDUCATION

Friday, March 17, 2017; 1:30 p.m.  
State Capitol, Conference Room 414

HOUSE BILL NO. 598, H.D. 2  
RELATING TO CYBERSECURITY

Chairs Wakai and Kahele, Vice Chairs Taniguchi and Kidani, and Committee Members:

I am Todd Nacapuy, Chief Information Officer of the State of Hawai'i and head of the Office of Enterprise Technology Services (ETS), testifying in **strong support** of House Bill No. 598 H.D. 2, Relating to Cybersecurity.

I am pleased to report that we have made great strides in securing the State government network and expanding our employee-led cybersecurity program that serves to protect the people's information and data that reside on our systems. However, cybersecurity remains a shared responsibility in which every citizen has a critical role to play in improving the security of cyberspace for all of us. Cyber threats and vulnerabilities outside of the government network also have the potential to impact Hawai'i's residents and the various resources — public and private — on which they rely.

ETS supports the proposed partnership between academia, government and the private sector to offer focused cybersecurity education, training, and workforce development. These pilot programs led by the University of Hawai'i will strengthen the cybersecurity workforce as a whole by ensuring there are well-trained cybersecurity professionals to meet today's needs, and by maintaining a strong pipeline to produce future cybersecurity professionals critical to securing private industry, the government and the Nation against increasing threats in cyber space. These efforts will build upon each partners' successful programs for cybersecurity professionals who keep our businesses and governments secure.

Further, this collaborative program will supplement ETS's IT workforce development strategies and programs that involve establishing flexible programs to attract and retain individuals possessing modern IT disciplines to fill service and skill gaps within the State's IT operations, building outreach campaigns to recruit candidates from non-traditional sectors, and developing internship and apprenticeship programs that proactively share government opportunities with high school graduates as well as two-year and four-year degree program participants.

Thank you for this opportunity to testify in strong support of this bill.



Chamber of Commerce HAWAII  
*The Voice of Business*

**Testimony to the Senate Committee on  
Economic Development, Tourism, and Technology  
and the Senate Committee on Higher Education  
Friday, March 17, 2017 at 1:30 P.M.  
Conference Room 414, State Capitol**

**RE: HOUSE BILL 598 HD2 RELATING TO CYBERSECURITY**

Chairs Wakai and Kahele, Vice Chairs Taniguchi and Kidani, and Members of the Committees:

The Chamber of Commerce Hawaii ("The Chamber") **supports** HB 598 HD2, which authorizes and provides funding for the University of Hawaii to participate in and contribute funding for the development of a Hawaii cyber ecosystem and related aspects of cyber security.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 1,600+ businesses. Approximately 80% of our members are small businesses with less than 20 employees. As the "Voice of Business" in Hawaii, the organization works on behalf of members and the entire business community to improve the state's economic climate and to foster positive action on issues of common concern.

This bill would provide crucial support to plan, develop and implement a cyber security center at the University of Hawaii. This is an important project that should be implemented in this age of internet connectivity and rampant cyber threats around the world today. The bill would also provide the talent pipeline needed today by businesses in Hawaii.

Thank you for the opportunity to testify.

Statement of  
Nelson Kanemoto  
President and CEO  
Referentia Systems Incorporated  
before the  
COMMITTEE ON ECONOMIC DEVELOPMENT, TOURISM, AND TECHNOLOGY  
Friday, March 17, 2017  
1:30 pm  
State Capitol, Conference Room 414  
In consideration of  
HB 598 HD 2  
RELATING CYBERSECURITY

Chair Wakai, Vice Chair Taniguchi, and members of the Committee on Economic Development, Tourism, and Technology. Thank you for this opportunity to submit testimony on HB 598 HD 2.

My name is Nelson Kanemoto, President and CEO of Referentia Systems Inc. Referentia strongly supports HB 598 HD2. Referentia Systems is a National Security Agency (NSA) Trusted Integrator headquartered in Hawaii and a nationally recognized provider of cybersecurity solutions for the federal government, the Department of Defense (DoD), and other critical infrastructure. Referentia has a strong track record of successful advanced solutions to address critical cybersecurity concerns threatening IT modernization including the Nation's smart grid.

As a developer of cybersecurity and advanced network solutions for critical infrastructure, Referentia understands the central role that broadband and the Internet plays in local, national and global economic development and modernization including the development of the smart grid, healthcare information exchange, transportation security, etc. as well as financial, tourism, military, and other key industries – all vulnerable to cyber threats.

Referentia is in full support of establishing a cyber Hawaii pilot project at the University of Hawaii to plan, develop and implement a cyber ecosystem to include education, workforce development, innovation and economic development in cybersecurity. A cybersecure Hawaii at the community level across the islands is critical for Hawaii's economic stability and internet safety of its citizens, businesses and especially, critical infrastructure.

For Hawaii to compete as an economic stronghold in the global marketplace, the cybersecurity of our critical infrastructure and our communities are key to driving innovation, modernization, economy development and job creation. Thank you again for this opportunity to submit testimony in strong support of HB 598 HD2.

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, March 14, 2017 2:31 PM  
**To:** HRE Testimony  
**Cc:** alan.hayashi2@gmail.com  
**Subject:** Submitted testimony for HB598 on Mar 17, 2017 13:30PM

**HB598**

Submitted on: 3/14/2017

Testimony for HRE/ETT on Mar 17, 2017 13:30PM in Conference Room 414

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Alan S. Hayashi	Individual	Support	No

Comments: I support the intent of HB598 as amended

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