

Written Comments

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SUPERINTENDENT

STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
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Date: 03/17/2017

Time: 10:00 AM

Location: 309

Committee: House Economic Development &
Business

Department: Education

Person Testifying: Kathryn S. Matayoshi, Superintendent of Education

Title of Bill: SB 0850 RELATING TO INFORMATION TECHNOLOGY.

Purpose of Bill: Requires the Chief Information Officer to identify the information technology projects of the executive branch, including DOE and UH, that shall be subject to independent verification and validation. Requires the Chief Information Officer to award, administer, and manage the independent verification and validation contracts.

Department's Position:

Chair Nakashima and members of the House Committee on Economic Development and Business:

The Department of Education (DOE) understands the value of independent verification and validation of IT projects/initiatives and the intent of SB 850.

The DOE's Assistant Superintendent & CIO in the Office of Information Technology Services is responsible for the oversight and monitoring of the DOE's IT projects and initiatives. Therefore, we respectfully request that the DOE's technology projects be excluded from the independent verification and validation responsibilities of the State's Chief Information Officer.

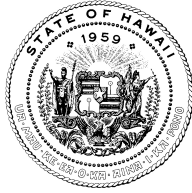
The DOE is ready to comply with the recommendations made by Chair Tokuda and the members of the Senate Committee, as stated in Standing Committee Report No. 910 to consider:

(1) Exempting University of Hawaii and Department of Education information technology projects from the independent verification and validation responsibilities of the Chief Information Officer; and

(2) Requiring the University of Hawaii and Department of Education to submit written reports to

the Legislature for any independent verification and validation conducted for their respective information technology projects.

Thank you for the opportunity to provide this testimony.



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Testimony of
TODD NACAPUY
Chief Information Officer, State of Hawai‘i

Before the

HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT AND BUSINESS

Friday, March 17, 2017; 10:00 a.m.
State Capitol, Conference Room 309

SENATE BILL NO. 850
RELATING TO INFORMATION TECHNOLOGY

Chair Nakashima, Vice Chair Keohokalole, and Committee Members:

I am Todd Nacapuy, State Chief Information Officer (CIO) and head of the Office of Enterprise Technology Services (ETS), offering **comments** on Senate Bill No. 850, Relating to Information Technology, which broadens CIO discretion to identify IT projects that require independent verification and validation (IV&V).

ETS supports the intent of the bill to ensure that State modernization initiatives succeed. We agree that independent, third-party reviews are a best practice for major IT initiatives. ETS currently provides IV&V support roles for a number of ongoing projects, providing technical input and independent progress assessment from an IT governance perspective while preserving departments' autonomy to make appropriate decisions in support of their specific missions and business requirements. ETS' approach augments the departments' internal IT resources that must work closely with critical subject matter expertise, which in most cases only the departments can provide.

However, because the nature of educational technology in the University of Hawai‘i and Department of Education is markedly different from IT activities in other State departments, ETS may require staffing with different skill sets to oversee such educational technology projects. We must further evaluate what added resources may be necessary for that expanded ETS role, since those two departments by State Constitutional provisions and administrative directives are not currently within the CIO's oversight.

Alternatively, ETS can work within current lines of authority, particularly in relation to the university's constitutional autonomy, to coordinate with programs' respective CIOs and IT leads to enhance internal IT governance programs and processes that include their own IV&V. Such parameters may be similar to ETS' IT governance model but be administered by the programs' leadership, thus preserving autonomy where appropriate.

Further, to maximize the effectiveness of limited resources within ETS, we propose that the committee consider amending Section 2, subsection (a), as follows, requiring departments to procure and fund the IV&V contracts for their projects, but in accordance with ETS parameters. As such, the spirit of the bill will be accomplished within available resources and without discharging departments of the responsibility to budget for IV&V services and include those services as part of the end-to-end, lifecycle funding requirements of their programs:

"§27- Additional duties of the chief information officer relating to independent verification and validation of information technology projects of the executive branch. (a) The chief information officer shall identify the information technology projects of the executive branch, including those of the department of education and the University of Hawaii, that shall be subject to independent verification and validation. The ~~chief information officer~~ department shall procure, award, administer, and manage contracts for the independent verification and validation of the information technology projects identified by the chief information officer according to parameters set by the office of enterprise technology services.

Thank you for the opportunity to offer testimony.



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
House Committee on Economic Development & Business
March 17, 2017 at 10:00 a.m.

By
Garret T. Yoshimi
Vice President for Information Technology and Chief Information Officer
University of Hawai'i System

SB 850 – RELATING TO INFORMATION TECHNOLOGY

Chair Nakashima, Vice Chair Keohokalole and members of the committee:

The University of Hawai'i (UH) is in agreement with the value of independent verification and validation (IV&V) efforts for those projects that involve substantial risk and expense in order to help ensure the efficient and effective functioning of state government, and supports the intent of the bill together with the State's chief information officer.

Given the separation of oversight and responsibilities of the State's chief information officer for the Executive Branch (excluding the University of Hawai'i and the Department of Education), and the University's chief information officer for the University of Hawai'i system, we respectfully request that the University's technology projects be excluded from the IV&V responsibility of the State's chief information officer. The organizational separation does give each respective chief information officer the current responsibility for monitoring, oversight and accountability over its Information Technology (IT) resources, systems and services. Overlapping IV&V responsibility across the organizations would introduce significant strain on the resources of the State's chief information officer, due primarily to the differences in the application and IT infrastructure and services portfolio of each organization, and would potentially detract from the core services that each of us must support.

Our respective IT organizations do already share joint oversight of common infrastructure where possible, e.g., statewide government network facilities and exchange of data center hosting facilities, and participate in shared efforts to support the common good. We do work collaboratively whenever the opportunity exists, such as in the areas of cyber-security risks and IT workforce development.

Thank you for the opportunity to provide this testimony.