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Is your business ready for cyber defense? A hands-on workshop.

# Gearing up for cybersecurity defense

A HANDS-ON WORKSHOP FOR SMALL AND MEDIUM BUSINESSES IN HAWAII

HILTON HAWAIIAN VILLAGE, WAIKIKI, CORAL BALLROOM 1 & 2  
WEDNESDAY, MARCH 20, 2019 | 8:00AM – 4:00PM

Cybersecurity breaches have been a priority concern for large businesses, but are often overlooked by smaller businesses. To help the business community gear up against the increasing cybersecurity breaches the Shidler College of Business is collaborating with a number of cybersecurity-related organizations in Hawai'i to offer a cyber-readiness workshop for small and medium businesses. The workshop pulls together a variety of business owners, governmental cybersecurity experts, and IT professionals to share with participants their knowledge and experiences on current and emerging threats, recommendations, best practices in identifying vulnerability and risks, and policies and employees' training customized to reduce and mitigate cybersecurity issues.

As security breaches are getting more sophisticated and frequent, businesses must prepare for the possibility of a cyber attack. The goal is to provide attendees with the opportunity to explore practical tools and techniques that can help them assess, enhance and maintain the security of their business information systems:

- Cybersecurity basics, tips and ideas to start improving their cybersecurity
  - Create a customized cybersecurity plan that includes policies and employee readiness to reduce the risks from cyber threats
  - Establish a simple and practical response plan for cyber incidents
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## Program

8:00-9:00 AM Registration

9:00-9:55 AM | PANEL 1 | ARE YOU AT RISK?

FOCUS: Learn first-hand from actual security breaches. Panelists will share their experiences on how some Hawai‘i businesses got hit and how their companies addressed the impacts of security breaches on business operations, and how SMBs can raise general cybersecurity awareness. Panelists will also discuss current cyber threats facing small and medium businesses and the potential impacts of security breaches on business operations such as marketing, human resources, finance, and public relations.

MODERATOR – Tung Bui, *Matson Navigation Co. Professor and Department Chair, Shidler College of Business*

PANELISTS: Joel Kumabe, *SVP and CIO at Hawaii State Federal Credit Union (HSFCU)*; Alan Ito, *Information Security Officer, Hawai‘i Pacific Health (HPH)*; Michael Miranda, *Principal Consultant at SPARTIX*; Kevin Doherty, *Security Engineer, T3 Information Security Service*

10:00-10:55 AM | PANEL 2 | WHAT SHOULD I REPORT AND WHERE DO I GO TO GET HELP FOR GOVERNMENT ASSISTANCE?

FOCUS: In the event of a data breach—say hackers just stole your customers’ credit cards information—what should you do? Panelist will introduce the State of Hawai‘i data breach law and discuss what incidents should be reported and why, and who you should report it to. Panelists representing federal, and state government agencies will discuss what kind of information is available to the public on cybersecurity best practices and share their perspectives in this area.

MODERATOR – Robert Runser, *Technical Director NSA Hawaii, NSA*

PANELISTS: Christopher Hecker, *Special Agent, FBI*; Kyri Bye-Nagel, *Operations Planner, Cybersecurity Division, Cybersecurity and Infrastructure Security Agency (CISA), DHS HQ*, , Paul Epstein, *Director, Hawaii State Fusion Center*; Robert Runser, *Technical Director, NSA Hawaii, NSA*

## 11:00-11:55 AM | PANEL 3 | BUILDING A CYBERSECURITY PROGRAM TO SIZE:

### Getting Started

**FOCUS:** What is a cybersecurity program and why do you need one? Panelist will discuss the importance of policies and procedures you should have in place to help mitigate cybersecurity risks. They will talk about building and executing an appropriately sized program focusing on creating a cybersecurity program and address questions such as: what is a cybersecurity program, what do you need to consider, and what about cyber insurance?

**MODERATOR** – Garret Yoshimi, *Vice President for Information Technology and CIO University of Hawai‘i System*

**PANELISTS:** Vince Hoang; *Chief Information Security Officer, Office of Enterprise Technology Services (CISO), State of Hawaii*; Steve Tangalin, *IT Manager, Kaula‘i Island Utility Cooperative (KIUC)*; Sam Sneed, *Director/Attorney, ES&A*

## 12:00PM-1:00 AM | LUNCH & NETWORKING

## 1:00-2:30 PM | WORKSHOP 1 | ORGANIZATIONAL CYBERSECURITY BEST

### PRACTICES

**FOCUS:** This workshop builds on the morning panels, and with the help of an FBI case study, will provide specific examples of organizational best practices, including creating an incident response plan and why it is important. The workshop will also address what security policies are the most critical, what do those consist of and how to address risks related to the size of your organization.

- FBI case study: mitigation strategies that could have been used
- Establishing security policies
- Human resources best practices (Background checks/conditional offers, training, phishing assessments, insider threat policy/training, provisioning/deprovisioning processing; onboarding/offboarding processes, etc.)
- Address risks related to the size of an organization and supply chain considerations
- Protecting sensitive data
- Monitoring permissions of employees and third parties
- Using encryption
- Sample incident response plan

**MODERATOR:** Steve Auerbach, *Director, Pacific Center for Advanced Technology Training and Continuing Education and Lifelong Learning (PCATT), Honolulu Community College*

**PANELISTS:** Ryan Field, *Chief Information Security Officer, American Savings Bank*; Bryan Tepper, *Chief Information Security Officer, HECO*; Evan Horton, Sr. Manager of *Managed Services, Hawaiian Telecom* – ; Christopher Hecker, *Special agent, FBI*

## 2:45-3:45 PM | WORKSHOP 2 | BEST PRACTICES FOR SECURING DEVICES & NETWORKS

FOCUS: Learn the best strategies and practices for securing your networks and protecting your devices from being compromised. Panelists will provide their experiences on what you can do immediately to help secure your networks and attached devices by providing best practices and available tools.

- Network security best practices
- Importance of patching and automatic security updates
- Phishing scams
- Firewalls
- Blocking social networking sites
- How to secure mobile and unattended devices
- Effective password management
- Ongoing monitoring and management of devices and policies
- Securing file sharing
- Best practices of workstation, server, mobile devices and IoT security

MODERATOR: Andrew Lanning, *Co-Founder, Integrated Security Technologies (IST)*

PANELISTS: Elijah Bagdonas, *Security Solutions Architect, CenturyLink*; Michael Krupka *Project and Operations Manager, OccamSec*; Michael Collat, *Principal, Booz Allen Hamilton*; Melvin Quemado, *Information Security Specialist, University of Hawai'i*; Mark Nelson, *Cybersecurity faculty, University of Hawai'i at Manoa*

## 3:45-4:00 PM | Closing/Wrap-Up

Tung Bui, *Matson Professor and Chair, Shidler College of Business*

Edward Ontai, *President of Data Warehouse*

## Collaborating organizations

- Shidler College of Business Department of Information Technology Management
- University of Hawai'i System (Information Technology Services and PCATT)
- CyberHawaii
- CIO Council
- NSA



## Information for registration

Organizers have kept the fee affordable so that small and medium businesses can benefit from this important workshop.

### EARLY BIRD REGISTRATION UNTIL MARCH 13, 2019:

\$49.00 for the first person and \$39.00 for each additional person from the same company.  
Registration fee includes all materials, lunch and coffee breaks.

### REGISTRATION:

\$59.00 Per Person

**Register at: [www.shidler.hawaii.edu/cybersecurity](http://www.shidler.hawaii.edu/cybersecurity)**

**Or call: 808-956-0323**