# CYBERSECURITY BASICS

For Businesses



The perception that Hawai'i is safely insulated from cybercrime is unfortunately untrue. Cyberattacks impact local businesses and pose catastrophic threats to our economy. Hawai'i organizations must proactively protect themselves with the latest cybersecurity solutions and practices. Here's how:



## Rigorously follow software maintenance practices for infrastructure and applications.

A surprising number of cyberattacks succeed because an enterprise isn't running the latest versions of mission-critical software.



## Give top priority to access security.

In a world where many employees are remote, access points have become a common entry point for attackers.



#### Enable multi-factor authentication.

Multi-factor authentication (MFA)—requiring multiple login steps in addition to a password—used to be considered too much friction for everyday users. Improvements in MFA have made the process less cumbersome, and it should be considered a standard, not an option.



### Protect backed-up data.

Nearly every enterprise has storage limitations, so this practice requires a comprehensive data maintenance program that complies with changing regulations and allows for proper storage, backup, and deletion of data.



## Continually provide and update security training.

Educating IT staff is only the first step; users across the enterprise must also be enlisted in the fight against cyber threats. Employees on the front lines, interacting with customers, suppliers, partners, and others, are frequently targets of these attacks and must continually be educated about the latest threats so they can identify them and alert the enterprise security team before it's too late.