

# SecureWatch for Hawaiian Electric



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RiskWatch is working with Hawaiian Electric (HECO) to automatically collect and analyze facility data in a structured format. This identifies which sites are at the greatest risk and allows them to prioritize security investments, all while minimizing the impact on existing staff.

Using SecureWatch, HECO can easily see their risk score across all sites and know which sites demand immediate attention with visual heat maps, pie charts, and other data on the dashboard. Criticality score helps visualize which facilities are most valuable to their company and which risk mitigation tasks should be prioritized.

Using this data, SecureWatch offers mitigation tasks and tracks progress to reduce the identified risks. Measurable data allows them to meet compliance and create a business case for their investment.

## Why Hawaiian Electric Engaged RiskWatch:

- ✓ Simplify and automate assessment communication from assessors to onsite staff to gather and analyze preliminary assessment data.
- ✓ Access and pull crime and incident data for an address, analyze it and automatically rate risk assessment metrics.
- ✓ Present pre-analyzed visual representations of data to assessors to promote and focus assessors on areas of greatest risk, comparative analysis of sites by type, size or value, and evaluation of risk mitigation strategies.

**SecureWatch**  
An Intelligent Risk Assessment Platform

## Our Approach

RiskWatch performed a proof of concept using **SecureWatch**, a risk assessment platform that structures and collects assessment data of an enterprise using threat, asset, and vulnerability information.

## SecureWatch:

Enabled HECO to streamline the assessment process across the enterprise and with its powerful data gathering and analysis capabilities, giving HECO the ability to easily identify and pick high risk areas and perform detailed analysis.

Equipped with semi-quantitative ISO 31000 Methodology and NIST 800-30 Analysis capability, guided on-site assessors to identify threats, vulnerabilities, and security gaps and to develop specific recommendations.

Operates on a “Software-as-a-Service” platform enabling online Threat and Vulnerability assessment of staffed and unstaffed facilities on any browser enabled device.

The remediation module automatically creates a full audit trail of recommendations offered for security gaps or findings. Recommendations can be assigned to individuals as tasks to be monitored by the managers.

Constantly learns from its users as assessments are performed at every stage of HECO’s assessment process. Data gathered can be repurposed in workflows to calculate and display trends in data year over year, making users at every level more productive.

## Steps:

- Consolidate all HECO facilities requiring assessment into SecureWatch.
- Customize question sets into a single repository for different types of assessments to automatically measure compliance against standards, policies and audit checklists.
- Launch and monitor surveys for selected HECO facilities while automatically computing risk scores.
- Drill down to quickly identify high risk facilities.
- Deploy assessors to perform a detailed risk assessment at high risk facilities.
- Develop, plan and track mitigation actions.
- Generate customizable, automated summaries & reports.

## SecureWatch Workflow

Create assessment and distribute survey(s)



Assessor completes survey(s) and provides documentation



Compute risk score and identify individual risks



Determine if facility is within your risk appetite



Provide informed recommendations to facility to reduce risk

## Outcome:

### RiskWatch used SecureWatch with HECO to:

- Automatically identify security gaps at the site before arriving for the assessment, reducing the time required to complete the assessment by 2 hours or 30%.
- Compare Security gaps to crime and incident data, and a register of threat scenarios (assets, threats and vulnerability relationships) specific to the type of site assessed, further reducing the time to recreate or identify risks by 2 hours or 20%.
- Offer remediation in areas that had been treated before in SecureWatch automatically, reducing time to perform remediation by 2 hours.
- Automatically generate reporting. We spent time building the first assessment report of this type and now this report can be automatically completed and downloaded for any assessment performed in SecureWatch. Even with building the report for this assessment, the time to write the report was reduced by 23 hours compared to the manual process.

Model Inputs*	Without SecureWatch	With SecureWatch
Hours needed to communicate (email) and interview client, perform survey or request documents to review	1	0
Hours required to gather assessment data**	3	1
Hours required to analyze data gathered	4	2
Hours required to perform remediation	3	1
Hours required to write report	20	4
<b>Total Hours</b>	<b>31</b>	<b>8</b>
<b>Total Reduction of Time</b>	<b>74% (23 hours per assessment)</b>	

\*The time saved can be multiplied by the amount of people that are involved in each step of the assessment process. We have only included a single person for each step in the model inputs above.

\*\*SecureWatch can provide data not available in current assessment program

RiskWatch proposed the continued use of SecureWatch to manage all types of risk across their business through a single, securely accessed, web-based tool that reduces risk and improves operational effectiveness and efficiency.