



# Protecting paradise with smart solutions

County of Kaua'i modernizes its infrastructure with Dell Technologies for flexible disaster management and cyber resilience.

## Business needs

The County of Kaua'i needed to safeguard the island's critical infrastructure by implementing a robust, modern data center with advanced cyber resilience. Dell PowerProtect Data Manager and PowerProtect Cyber Recovery proactively protects the county's systems and community from natural and man-made threats.

## Business results



Delivers intelligent cyber resilience.



Provides efficient backup and recovery, minimizing downtime.



Automates day-to-day tasks to enable greater efficiency with fewer resources, freeing IT staff to focus on innovation.



Achieves faster time to value, completing implementation 40% quicker.

## Solutions at a glance

- [Dell PowerProtect Data Domain](#)
- [Dell PowerProtect Data Manager](#)
- [Dell PowerProtect Cyber Recovery with CyberSense](#)
- [ProDeploy Plus for PowerProtect Cyber Recovery and Backup Solutions](#)



**Greater automation proactively protects critical infrastructure and ultimately lives.**

## A resilient island community

In the middle of the Pacific Ocean, 2,500 miles from anywhere, sits Kaua'i, the fourth largest island in the Hawaiian chain. Due to Kaua'i's extremely isolated location, the island is home to a self-reliant community that stands together. The County of Kaua'i oversees all county services, including public safety, emergency management, office of the mayor and council services, as well as transportation and public works for Kaua'i's 75,000 inhabitants.

Despite the island's idyllic appearance, natural threats including storms and floods put stress on the county's infrastructure and an increase in ransomware attacks has put its data at risk. The reliability of the county's infrastructure is critical. When systems go down, help and equipment are days away, so self-sufficiency is crucial for the county to safeguard the lives and livelihoods of the Hawaiian community. To continue providing superior services, the County of Kaua'i chose to modernize its systems with the help of its long-term partner, Dell Technologies.

## Implementing a proactive solution

The County of Kaua'i sought a more proactive solution to prepare for, mitigate and recover from natural and man-made threats. Working hand in hand with Dell Technologies for over two decades, the county trusted its technology partner to build its modern data center for hardened disaster management and cyber resiliency.

Building the county's modern data center started with Dell ProDeploy Plus for PowerProtect Cyber Recovery and Backup Solutions, streamlining and simplifying activities. This allowed the county's small team to manage planning, deployment and optimization seamlessly and achieve its implementation goals 40% faster through an end-to-end integrated approach.

## Ensuring continuity when it matters most

During emergencies, the County of Kaua'i relies heavily on fallback power and systems. Dell PowerProtect Data Manager ensures that critical data, including risk assessments, emergency plans and resource allocation details are regularly backed up to meet state and county requirements with limited budget and personnel. One-button updates and single pane of glass management means that the county's IT team can now run and maintain operations easily.

First responders rely on the county's infrastructure to act quickly in the event of a disaster, so having fail-safe systems is of vital importance. Thanks to Dell PowerProtect Cyber Recovery, recoverable and immutable copies of the county's critical data are automatically isolated in a cyber vault. In the event of a cybersecurity attack or natural disaster, the County of Kaua'i can now recover quickly without disrupting government services.

The evolution of AI has meant a rise in more sophisticated cyberattacks that are becoming increasingly difficult to detect. The County of Kaua'i simply can't afford the financial costs arising from a successful ransomware attack or phishing scam, so it was imperative to find a solution to identify and address threats now and as they continue to evolve. By leveraging CyberSense's AI technology, the county can automate regular scanning of backup data with 99.99% accuracy to detect suspicious behavior and ensure the integrity of its data assets. The county can now identify, diagnose and recover smarter from cyber threats, keeping Kaua'i's data safe.



*We're in a very isolated location, so we have to be self-sufficient. A dependable partner like Dell Technologies is critical.*



**Max Klutke**  
IT Program Manager, County of Kaua'i

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*In the event of ransomware or cyber security attacks, PowerProtect Cyber Recovery enables us to recover quickly and get back to work as soon as we can.*

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**Max Klutke**

IT Program Manager, County of Kaua'i



Day-to-day tasks from managing data stores to migration are now automated, freeing up the team's time to focus on projects that benefit the community, such as upgrading network infrastructure and deploying Wi-Fi across the county. These forward-thinking strategies accomplish the county's mission of guardianship and innovation, positioning Kaua'i for future success.

## Proactive protection for evolving threats

This strategic partnership brings peace of mind to the County of Kaua'i. Comprehensive infrastructure frees up time for the county's team to focus on driving innovation to benefit the island and its people. With Dell's help in proactive monitoring, the county is prepared to address future threats.

The County of Kaua'i is now able to do more with fewer resources while addressing potential problems swiftly and seamlessly, preventing data loss and service interruptions. Supported by advanced, scalable solutions from Dell Technologies, the county has solid infrastructure that allows for greater protection and improved efficiency to serve the island community today and tomorrow.

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*The Dell Services team's technical guidance was instrumental in overcoming key challenges, particularly in bandwidth and resource allocation, enabling us to achieve our implementation goals nearly 40% faster than was possible on our own.*

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**Max Klutke**

IT Program Manager, County of Kaua'i

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