

DRFortress Expands Data Center and Cloud Services in Hawaii with InterVision and Juniper Networks

Summary

Company:

DRFortress

Partner:

InterVision Systems

Vertical:

Web Services

Business Challenge:

Meet growing demand for data center, cloud services, and Internet peering in Hawaii

Technology Solution:

- MX80 3D Universal Edge Router
- QFX5100 Switch

Business Results:

- Attracted new customers for data center, cloud, and Internet exchange services
- Delivered very high levels of performance and reliability
- Simplified network operations

Businesses, government agencies, and network service providers rely on DRFortress for best-in-class, carrier-neutral data center and cloud services in Hawaii. Customers can choose from public and private cloud services with flexible, subscription-based or pay-as-you-go billing options, as well as data center colocation, storage services, and Internet peering. DRFortress houses and operates the commercial Internet for the state.

Business Challenge

DRFortress needed to increase the performance and reliability of its Honolulu data center network so that it could expand its cloud services, meet customer demand, and attract new customers.

Selection Criteria

As the first step to its data center network refresh, DRFortress sought out an IT solution partner that had a deep understanding of a data center provider's needs and a keen understanding of the latest technologies. DRFortress chose InterVision, an Elite-level Juniper partner, to help architect a data center network that would deliver the highest levels of performance and reliability to support the company's dense, virtualized data center environment.

"DRFortress has worked closely with InterVision for the past five years to update its infrastructure and expand their cloud services offerings," says Jason Gress, president and co-founder of InterVision. "With a deep expertise designing advanced networks, our engineers created an architecture with best-of-breed Juniper solutions to meet DRFortress' stringent requirements."

InterVision has deployed more than 1,000 agile, highly scalable IT infrastructures for customers based on Juniper Networks. The company has a dedicated practice around Juniper, and an engineering team that continually tests and validates the latest Juniper solutions in its technology lab. InterVision has three Juniper Ingenious Champions on staff.

"DRFortress has worked closely with InterVision for the past five years to update its infrastructure and expand their cloud services offerings. With a deep expertise designing advanced networks, our engineers created an architecture with best-of-breed Juniper solutions to meet DRFortress' stringent requirements."

Jason Gress, President and co-founder of InterVision

Technology Solution

To meet strong customer demand for hosting and cloud services, DRFortress upgraded its data center to Juniper Networks® QFX5100 Switches. The QFX5100 is a very low latency, high-performance, 10GbE/40GbE data center switch that is optimized for application delivery and delivers a powerful feature set for virtualized data centers.

DRFortress also upgraded its core routing to the Juniper Networks MX80 3D Universal Edge Router. With data center power and space at a premium in the company's Honolulu data center, the compact form factor of the MX80 router is ideal to deliver necessary capacity, density, and performance. Migrating to Juniper enabled DRFortress to replace the functionality of two routers and two firewalls with a pair of MX80 routers, which freed up space in the data center and reduced CapEx and OpEx.

Juniper Networks MX Series 3D Universal Edge Routers and QFX Series switches run Juniper Networks Junos® operating system, Juniper's reliable, high-performance operating system for routing, switching, and security. With Junos OS, DRFortress can deploy new services quickly and improve the reliability, performance, and security of existing services. Junos OS automates network operations, so the operations team can focus on deploying new applications and services.

Business Results

"By upgrading to a faster, more reliable Juniper infrastructure, we have been able to open up new lines of revenue," says Fred Rodi, president and founder of DRFortress. "We have added new customers and grown our business."

The DRFortress cloud service supports 80GbE of traffic per router and delivers the highest levels of reliability to deliver on its 100-percent uptime promise to customers. In addition to higher network uptime, the Juniper network has given DRFortress more control and flexibility for its data center, cloud, and Internet peering services.

DRFortress has expanded the capacity of its Internet exchange service so it can connect more customers with better performance. Using MX80 routers allows DRFortress to support

high volumes of Internet traffic with full redundancy. Customers see better performance because local Internet traffic now stays in Hawaii, instead of going to the mainland and back. For example, customers can establish private Layer 2 connectivity for their own equipment or with other peering exchange clients on the same LAN infrastructure, which optimizes latency and bandwidth consumption.

Next Steps

With a high-performance data center network, DRFortress is poised to take advantage of the growth market for data center services in Hawaii. The company is ready for new opportunities, especially with InterVision and Juniper as partners in its mission to deliver world-class services to customers, both local and around the world.

For More Information

To find out more about Juniper Networks products and solutions, please visit www.juniper.net.

About InterVision

InterVision Systems Technologies Inc. is a leading integrator of technology solutions focused on helping its clients optimize their IT infrastructure, better manage risk, and gain a competitive advantage. The company provides IT solutions, infrastructure, and services for the cloud ecosystem (private, hybrid, and public), allowing customers to achieve the full potential of a software-defined data center. InterVision's vendor-certified sales and engineering staff have specialized expertise in all areas critical to IT environments. The company has headquarters in Santa Clara, Calif. and offices in San Francisco, El Segundo, Calif., and Bellevue, Wash. Learn more at www.intervision.com.

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at www.juniper.net.

Corporate and Sales Headquarters
Juniper Networks, Inc.
1133 Innovation Way
Sunnyvale, CA 94089 USA
Phone: 888.JUNIPER (888.586.4737)
or +1.408.745.2000
Fax: +1.408.745.2100
www.juniper.net

APAC and EMEA Headquarters
Juniper Networks International B.V.
Boeing Avenue 240
1119 PZ Schiphol-Rijk
Amsterdam, The Netherlands
Phone: +31.0.207.125.700
Fax: +31.0.207.125.701

Copyright 2015 Juniper Networks, Inc. All rights reserved. Juniper Networks, the Juniper Networks logo, Junos and QFabric are registered trademarks of Juniper Networks, Inc. in the United States and other countries. All other trademarks, service marks, registered marks, or registered service marks are the property of their respective owners. Juniper Networks assumes no responsibility for any inaccuracies in this document. Juniper Networks reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

