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KEMET ACCELERATES CLOUD MIGRATION AND RESILIENCY

Increasing performance, security and reliability through Secure Access Service Edge (SASE) and multicloud interconnection

The global electronics manufacturer optimizes networking and security by moving business apps and disaster recovery to Oracle Cloud with Equinix and Open Systems.

Challenge

KEMET Electronics Corporation ships approximately 54 billion electronic components each year across the globe. The company wanted to quickly and securely move its core, on-premises business application platform, easy-to-buy-from (ETBF), to the Oracle Cloud for greater scalability and redundancy. It was also looking to consolidate and simplify its network and security layers while maintaining operational excellence. KEMET turned to Equinix partner Open Systems to create a high-performance, secure and resilient SD-WAN and hybrid multicloud architecture on Platform Equinix®.

Solution

KEMET partnered with Open Systems to deploy a more agile and cost-efficient Secure SD-WAN and gain added value through Open Systems' unified approach to end-to-end network visibility, operations and multi-layer security. This approach included leveraging Equinix Connect, which aggregates bandwidth from ISPs for greater scalability and helps KEMET provision connections to ISPs in days rather than weeks. KEMET consolidated its U.S. footprint in Equinix International Business Exchange™ (IBX®) data centers in Los Angeles and Washington, D.C., gaining a high-speed on-ramp to Oracle Cloud via Oracle Cloud FastConnect and Equinix Cloud Exchange Fabric™ (ECX Fabric™) software-defined interconnection. This allowed KEMET to quickly move its core ETBF enterprise resource planning (ERP) and business applications to Oracle Cloud for greater scalability and disaster recovery when replicating data/apps over its high-performance, secure hybrid multicloud infrastructure.

KEMET

About KEMET

KEMET Electronics Corporation (NYSE: KEM) is a publicly held manufacturer of electronic components with 55 locations across 18 countries. The company is a leading supplier of capacitors and other components for a wide range of applications in technology, medical, government and other industries.

Kemet.com

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About Open Systems

Open Systems is a secure access service edge (SASE) pioneer enabling enterprises to scale with managed, cloud-native, secure connections anywhere.

Open-Systems.com

"Open Systems and Equinix gave us a more agile and cost-effective foundation to optimize our network and multicloud access while increasing our security and resiliency. We now have the visibility and control to expand globally and integrate critical technologies to transform our business."

Chris Hall, KEMET, VP of Global Information Technology

Value realized

KEMET consolidated and streamlined its critical business operations while enhancing its network performance end-to-end security and resiliency.

WAN optimization and security
The SD-WAN, ISP aggregation and network security unification enabled by Open Systems dramatically lowered KEMET's latency to single digits when connecting to Oracle Cloud (< 10 milliseconds) and significantly increased KEMET's bandwidth while protecting users, data and applications on-premises and in the cloud with consistent policy-based, app-aware security controls.

Digital transformation in the cloud
Using ECX Fabric, KEMET can now provision high-speed, low-latency connections to clouds in a few hours versus weeks, accelerating its migration of critical data/apps to Oracle Cloud and scaling its IT infrastructure on demand using best-in-class cloud providers.

Flexible resiliency
KEMET gained a reliable and cost-efficient cloud-based disaster recovery environment that can quickly replicate critical data/apps to Oracle Cloud via ECX Fabric virtual connections.

Availability
Current KEMET locations on Platform Equinix include IBX data centers in Los Angeles and Washington, D.C., with future expansions planned for Frankfurt and Tokyo.

Results

Increased Bandwidth and Lower Latency
Greatly reduced latency to single digits and significantly increased bandwidth using optimized SD-WAN.

End-to-End Security
Achieved comprehensive and consistent security protection for users and applications worldwide.

Faster Cloud Access
Cut connection time to the cloud from weeks to just a few days.

Greater Resiliency
Gained a more reliable and cost-effective cloud-based disaster recovery for business-critical data/apps.

About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most-interconnected data centers. On this global platform for digital business, companies come together across more than 50 markets on five continents to reach everywhere, interconnect everyone and integrate everything they need to create their digital futures.

Equinix.com

"The Open Systems and Equinix solution has provided our employees secure access and stable performance to KEMET's most mission-critical business applications. While most businesses are challenged by the COVID crisis, we are able to deliver a seamless experience for the 5x increase in remote users."

Chris Hall, KEMET, VP of Global Information Technology