

Virtual-Q to Provide a Scalable, Automated Data Center Infrastructure



Virtual-Q embarked on a mission to modernize and automate its network infrastructure to deliver a scalable and seamless customer experience. Based in Houston, Texas, Virtual-Q provides IT Services and through its hosted desktop solution, streamlining the costs associated with remote IT solutions. The company delivers enterprise-class security, computing, support, and disaster recovery solutions to businesses across all sectors and sizes.

OVERVIEW

Company	Virtual-Q
Industry	IT-as-a-Service
Products Used	Juniper Apstra, QFX Series, EX Series, MX10004 and MX10008, MX204
Region	Americas

CUSTOMER SUCCESS AT-A-GLANCE

Well-positioned to expand capacity—
with 400G

Cloud-ready network infrastructure—
will enable future vision

Network foundation will support 1,082
percent annual company growth rate

CHALLENGE

Enabling growth while pleasing customers

Virtual-Q had been operating with a network that lacked scalability and struggled to meet the increasing hybrid and virtual customer demands associated with the pandemic. With the need to accommodate large-scale growth but also be able to easily manage and operate, Virtual-Q turned to Juniper Networks to help design and build its new network, along with support from partner GDT and Juniper Professional Services.





Automating for the future

Juniper Apstra will simplify and automate data center operations management from design to deployment through everyday operations and assurance. Additionally, Apstra delivers a high level of visibility into the network fabric, allowing for faster resolution times and increased operational efficiencies. With an approach to data center operations based on the insight that a reliability-focused strategy results in speed and efficiency, Apstra enables Virtual-Q to transform operations.

By also deploying Juniper's QFX switches, EX switches, and MX series universal routing platforms, Virtual-Q is well-positioned to expand its capacity with 400G bandwidth, develop a cloud-ready network infrastructure that can grow alongside its evolving data center needs and meet its 1,082 percent annual growth rate.

"Juniper Apstra allows us to seamlessly manage and automate our data center infrastructure without compromising our ability to serve our customers. With Apstra's intent-based design, operators can focus on what needs to be accomplished in the data center instead of how it should be done. As one of the most user-friendly products on the market, we are excited to see the transformation Apstra will bring to our network operations."

Victor J. Quinones, Jr.
Founder and CEO, Virtual-Q

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