



# CENTRILOGIC EMPOWERS BUSINESSES TO SPEED DIGITAL TRANSFORMATION

## Summary

**Company:**  
CentriLogic

**Industry:**  
Web Services

**Business Challenges:**  
*Build a next-generation network to support a fast-growing managed IT solutions provider*

- Technology Solution:**
- MX204 Universal Routing Platform
  - QFX5110 and QFX5120 Switches
  - EX4300 Ethernet Switch

- Business Results:**
- *Delivers highly reliable managed IT services to midsized businesses over a global network*
  - *Enables business agility with flexible infrastructure service delivery*
  - *Lays the foundation for network automation and additional operational efficiency*

One unexpected consequence of COVID-19 has been the acceleration of digital transformation. As technology has become necessary for customer interactions, employee productivity, and efficient operations, CentriLogic is well positioned to thrive. The Canadian company offers managed IT solutions to organizations around the world. CentriLogic chose Juniper routing and switching for the foundation of its IT service delivery.

The private equity-backed CentriLogic has grown rapidly by acquisition, with customer demand for its advisory, cloud, application management, and infrastructure services accelerated by digital transformation priorities. The provider operates 10 data centers in Canada, the U.S., and the U.K. CentriLogic was [recognized in 2019](#) by IDC as a major player in Canadian data center operations and again on the selective [CRN's 2020 Solution Provider 500](#) list.

## A Mission of Transformation

Waqas Siddiqui joined CentriLogic as director of network engineering to drive infrastructure transformation after a series of acquisitions. Rationalizing and standardizing the IT infrastructure would allow CentriLogic to deliver more value to customers and investors by bringing greater reliability, simplicity, and efficiency to IT service delivery.

"We wanted to standardize our infrastructure," Siddiqui says. "We were ready for the next-generation of infrastructure."

CentriLogic's engineering team is deeply experienced across the spectrum of network vendors. After a thorough evaluation, CentriLogic chose Juniper for its carrier-grade wide-area and data center networks.

"Juniper had an advantage when it came to platform capabilities, technology, and speed," notes Siddiqui. "Juniper was everything that we were looking for."

*"The MX204 stands out. In my opinion, there is no competition for this product. Its services and cost-per-bit are second to none."*

- Waqas Siddiqui, director of network engineering, CentriLogic

## Accelerate Customer Agility

“As a smaller company, we can move very quickly and be more nimble to customer requests,” Siddiqui says. “We can accommodate special requests, such as provisioning large amounts of bandwidth in a matter of days, whereas a larger provider wouldn’t be able to act so quickly.”

With CentriLogic as their managed IT service provider, businesses can deploy their applications and workloads across public, private, and hybrid environments. The company’s global data centers and connectivity enable customers to keep their workforces productive and serve their customers worldwide. Customers can leverage CentriLogic’s portfolio of infrastructure services, including hosting and collocation, private network services, and backup and recovery, to ensure that their applications and data are always available, connected, and secure.

*“Juniper is at the heart of our network modernization program.”*

- Waqas Siddiqui, director of network engineering, CentriLogic

## A Flexible Foundation for Managed IT Services

“Juniper is at the heart of our network modernization program,” Siddiqui says.

CentriLogic uses Juniper Networks® MX204 Universal Routing Platform to connect its data centers in Canada and the U.S. The MX204 router provides ultra-high 10GbE/100GbE density in a compact, space- and power-efficient form factor.

“The MX204 stands out,” Siddiqui says. “In my opinion, there is no competition for this product. Its services and cost-per-bit are second to none.”

The new carrier-grade MPLS network, based on Juniper routing, improved network performance and resiliency, as well as streamlined always-on services delivery to customers. Outages and unpredictable response times that once impacted customers are a thing of the past.

“Before, we have had some weird things happen that caused us to lose fiber connectivity,” admits Siddiqui. “When it happened, the failover of the previous routers could take 30 or 40

minutes. Now with Juniper, we have a more resilient network. The MX204 has a massive BGP table, and if we have an issue, the failover will occur significantly faster, which is impressive because of its price point.”

CentriLogic uses Juniper switching for the core network at five data centers in Canada and other points of presence. An IP fabric architecture collapses the data center network into a two-tier spine-and-leaf architecture that’s ideal for CentriLogic’s large-scale environment. The IP fabric provides high resiliency and low latency across the network. CentriLogic uses Juniper Networks QFX5100 Ethernet Switch and QFX5120 Ethernet Switch for the IP fabric, and Juniper Networks EX4300 Ethernet Switch for the server farm.

As the overlay network, Ethernet VPN (EVPN)-Virtual Extensible LAN (VXLAN) sits on top of the IP fabric, extending and interconnecting Layer 2 data center domains. The result is greater scale, simplicity, and agility.

CentriLogic has laid the foundation for network automation to deliver continued efficiency as its business grows. “Now that we have a consistent infrastructure, automation is our next priority,” Siddiqui explains. “Automation fits in with our ‘do more with less’ philosophy.”

CentriLogic can be confident that Juniper will continue to be a trusted strong partner as the company helps its own customers embrace cloud and managed services so they can be nimbler in an unpredictable world.

“Working with the Juniper team has been a pleasure,” Siddiqui says.

## For More Information

To find out more about Juniper Networks products and solutions, please visit [www.juniper.net](http://www.juniper.net).

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- Waqas Siddiqui, director of network engineering, CentriLogic

## About Juniper Networks

Juniper Networks brings simplicity to networking with products, solutions and services that connect the world. Through engineering innovation, we remove the constraints and complexities of networking in the cloud era to solve the toughest challenges our customers and partners face daily. At Juniper Networks, we believe that the network is a resource for sharing knowledge and human advancement that changes the world. We are committed to imagining groundbreaking ways to deliver automated, scalable and secure networks to move at the speed of business.

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