



Red Hat and Arccus multicloud networking

The new paradigm for cloud connectivity

“We leverage Arccus’s virtual routers in the CoreSite OCX to help enable our customers to quickly expand market reach and gain a competitive edge while lowering TCO,” said Brian Warren, Senior Vice President, Development and Product Engineering at CoreSite. “With just a few clicks in MyCoreSite, our service delivery platform, customers can quickly establish direct and secure virtual connections to multiple service providers and to the public cloud for rapid, automated provisioning.”

Brian Warren

Senior Vice President,
Development and Product Engineering,
CoreSite

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Telecommunications, communications service providers (CSPs), and large enterprise customers have global workloads distributed across disparate datacenters, private cloud, and public cloud environments. These workloads are interconnected by disjointed protocols that do not interoperate well, creating operational inefficiencies.

Red Hat and Arccus offer cloud-native containerized and virtualized solutions that help you transform your services for a digital world. The Arccus multicloud networking platform delivers the industry’s best scalable networking solution to interconnect enterprise datacenters with any cloud region around the world, with hyperscale performance and cloud-native security safely and without interruption.

Arccus FlexMCN is one of the industry’s most flexible multicloud networking solutions designed for CSPs, colocation providers, and telcos to:

- ▶ Extend their on-premise networks to multicloud environments continuously.
- ▶ Deliver multicloud connectivity as a managed service to enterprises safely.

FlexMCN solution is available on all major public clouds e.g., Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform. FlexMCN is an industry-leading multicloud solution that supports multitenancy to allow you to share your cloud infrastructure with your partners and offer network segmentation with a consistent policy.

Overview

Together, Red Hat and Arccus’s multicloud networking platform can deliver a superior and scalable networking solution to safeguard interconnect enterprise datacenters with any cloud region around the world continuously, with hyperscale performance and cloud-native security.

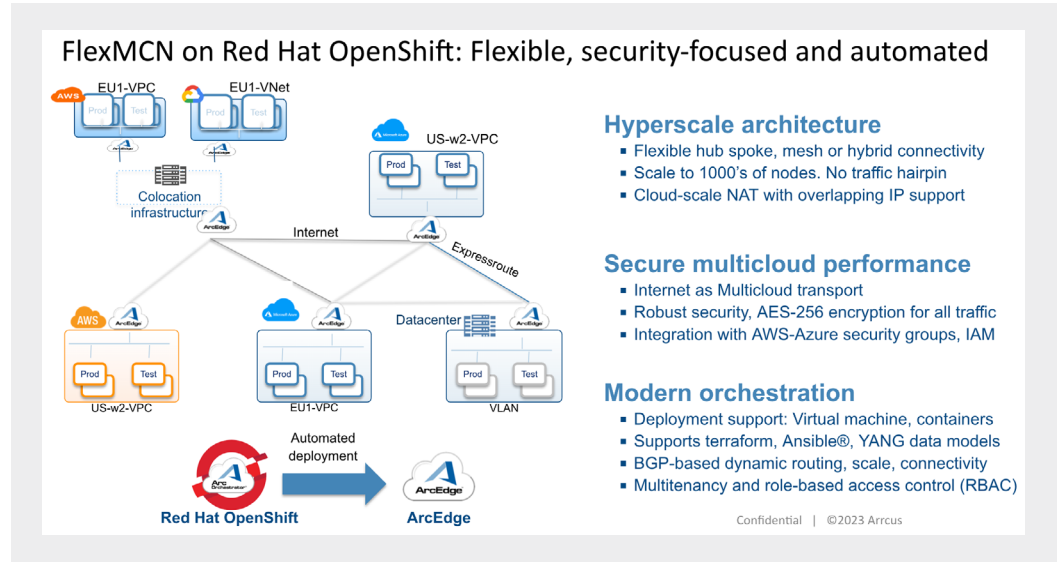
Use cases

Multicloud connectivity

Deploy and manage ArcEdge virtual routers in your virtual private cloud (VPC) and virtual network (VNET)—in any region, in any cloud environment—from the ArcOrchestrator console. Operators deploy, connect, and secure thousands of ArcEdges at scale with simplified user interface (UI) workflows from the ArcOrchestrator console. Interconnect distributed applications with hub-spoke, full-mesh, or hybrid connectivity. Cloud migration across multicloud environments is simplified via support for private and overlapping IP addresses with network address translation.

About Arrcus

Arrcus was founded to enhance business efficiency through superior network connectivity. The Arrcus Connected Edge (ACE) platform offers best-in-class networking with the most flexible consumption model at the lowest total cost of ownership. The Arrcus team consists of world-class technologists who have an unparalleled record in shipping industry-leading networking products, complemented by industry thought leaders, operating executives, strategic partners and top-tier VCs. The company is headquartered in San Jose, Calif. For more information, go to www.arrcus.com or follow Arrcus LinkedIn and @arrcusinc.



Hybrid cloud orchestration

ArcOrchestrator containers can be deployed with Red Hat® OpenShift® in the private cloud or as a virtual machine (VM) in the CSPs. From the ArcOrchestrator deployed in your private or public cloud, you deploy ArcEdge virtual routers on any physical, virtual, or cloud infrastructure. Realize the unlimited flexibility to connect the on-premise network to any cloud environment in any region.

Cloud interconnect at colocation providers

When customers want to avoid backhauling traffic between 2 cloud providers via their datacenter, customers use a colocation provider's infrastructure to interconnect the 2 cloud providers. To maintain architectural consistency and uninterrupted connectivity, customers deploy ArcEdge to configure IPsec connectivity between 2 clouds at the colocation infrastructure.




Learn more

Arrcus FlexMCN eliminates the complexities of traditional networking and helps cloud operations efficiently setup, deploy, and manage their cloud environments. Download the [Arrcus solution brief](#) to learn more.



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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