



# NaaS Cloud Management

Optimize your multi-cloud workloads.

Solution brief

## Cloud computing is delivering on the promise to fundamentally change how IT teams deploy and manage applications.

Cloud computing has become more complex with a mix of public, private and hybrid environments – and many IT teams now struggle to achieve the promised benefits. The good news is that your IT team does not need to create new and complex operating procedures in order to effectively deploy, manage and optimize application instances in a multi-cloud environment. Network as a Service (NaaS) Cloud Management offers the flexibility needed to address these challenges.

## What if you could more easily manage your network architecture for multi-cloud services and applications from a single pane of glass?

### Take control of your multi-cloud infrastructure

Verizon extends its award-winning network services to the cloud, providing a unified online portal that lets you view and control your multi-cloud applications and network. With Verizon's new NaaS Cloud Management, your cloud-related challenges are greatly simplified.

- **Need a new cloud connection?** Easily set up the connection in minutes.
- **Need to deploy a new application within a cloud service provider (CSP) or even across multiple CSPs?** Easily deploy connections in minutes with a standard procedure and service.
- **Need to move a connection for an existing deployment to better balance the application load?** Easily do that in seconds.
- **Need to set consistent application policies?** Easily do that across all your multi-cloud apps.
- **Need global connectivity from a secure, private network foundation?** Easily leverage the industry leading Verizon Private IP network with coverage in over 180+ countries and CSP connectivity options.

## Challenges with operating in the multi-cloud.

There are additional complexities as multi-cloud becomes the new normal. Across industries, enterprise CIOs are encountering new, unanticipated pain points for business transformation, including:

- **Establishing the multi-cloud operating model** - Multi-cloud environments add a layer of network complexity and other issues that challenge existing operating models. Most companies lack a standard integrated management layer that provides consistent visibility and control in all environments. And, there are challenges with standardizing IT processes, security, policies and business alignment across cloud deployments.
- **Connecting securely to the cloud** - Companies are often unable to connect workloads simultaneously across environments. Security across cloud instances, devices, applications, networks, and users increases both the complexity and the risks.
- **Connecting workloads within and among clouds** - Companies have difficulty deploying workload connections between environments, either continuously or for one-time migrations. The complex challenge of networking with multiple CSPs, in multiple regions, moving data across public cloud infrastructures and increased latency are all potentially significant issues for business success. The speed required for network moves is also critical.
- **Architectural constraints and standardization** - When building applications across multiple clouds, technology teams need standardization to scale engineering and development processes as well as to control risk. In addition, these teams often face architectural constraints imposed internally or by regulators. General Data Protection Regulation (GDPR), data-sovereignty requirements in different geographies and government security requirements for protecting data all contribute to the complexity of a multi-cloud environment.

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## Leverage Verizon's years of cloud connectivity and managed services success to support business transformation in the latest cloud architecture.

### Key NaaS Cloud Management features

Single pane of glass visibility of your network and application performance is provided through Verizon's multi-cloud service. Easily manage even a complex deployment of applications in a multi-cloud environment. One portal provides a window into your clouds, the network and makes it simple to create/view tickets:

- Overall service health.
- Network traffic.
- Global network cloud connections.
- Application performance.
- Issue management tickets.

### NaaS fabric

This provides a consolidated multi-cloud management network which enables customers to rapidly provision and manage connectivity services across multiple service providers through a single management portal.

- Simple to use provisioning and connectivity with a single Verizon console, both within and across CSPs.
- Manage consistent policies across security services, the network, and applications.
- Support business continuity with high availability and control options.
- No need to worry about overlapping IP addresses.
- Balance workloads across multiple or a single cloud in near real-time.
- Integrated SASE for a complete solution with needed security combined with private network transport.

### Multi-cloud services

A comprehensive suite of Verizon services wrapping networking, security and visibility on behalf of the customer.

- Automated provisioning of cloud gateways
- Consistent control and policies across applications, multiple CSPs and regions.
- Single console to manage the cloud framework.
- Manage application connectivity with performance visibility.

### Multi-cloud network

Utilize Verizon's comprehensive, global, SLA-backed IP backbone to securely interconnect cloud service providers, SaaS providers and data centers.

- Verizon is already connected to major cloud and SaaS providers with Secure Cloud Interconnect globally.
- Software Defined Interconnect provides another option for cloud connectivity with fast provisioning and plans to be supported in a future release.
- Leading network SLAs provide reassurance that the network is built for supporting business critical applications.
- Global coverage to connect users with applications almost anywhere using the Verizon private IP network.

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### NaaS Cloud Management benefits

#### Cloud management simplicity and uniformity

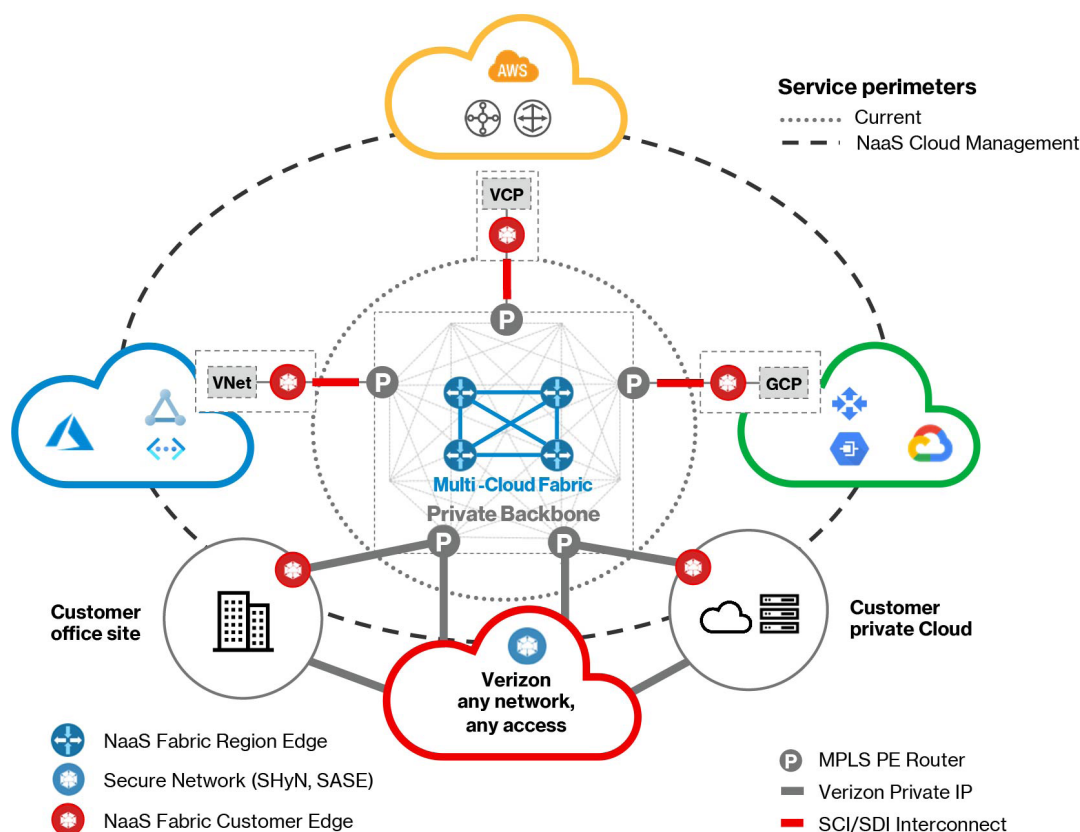
Verizon is offering a consistent, uniform procedure for managing cloud security policies, governance and configurations. It also standardizes workload connectivity. This will turn your complex cloud connections into a simple, integrated solution allowing a multi-cloud design to support any business or transformation. Managed services can assist you in handling the work.

#### Agile setup and response

Simplify provisioning with our multi-cloud offer to automate the creation and deployment of cloud networking connections. Reduce human error and time in deployment with built-in automation. Support business needs with pre-integrated security and networking tools. Overall, its simple, consistent processes will enable quick response times and better application support to run your business.

#### Pay as you grow and managed services

NaaS capabilities make the multi-cloud offer flexible to grow with the needs of any organization. Pricing includes network usage, customer edge CPU tiers and CPE components. Purchase needed components to make a cost effective solution. The multi-cloud offer begins as a self-service offer which makes managing a multi-cloud environment easier and allows an organization the opportunity to expand as needed.



## Global coverage

Offered on the global foundation of the Verizon private IP network. Already connected with CSPs globally and the ability to connect with many more CSPs. Leverage the reach, privacy and known performance to deliver applications where they are needed by users. Initial coverage will be in the U.S. with expansion to other regions planned.

## Portfolio of value added services

Additional services are integrated into the platform include Firewall and SASE solutions to deliver a more complete cloud architecture.

## Future plans

Multi-cloud is fully-managed solution with self-managed and co-managed offers planned for the future. This initial offer is available in the U.S. and globally in other countries and regions.

Machine learning to support API discovery and other options is also being developed. Additional networking alternatives will also be added to increase the connectivity choices for customers.

## Why Verizon?

Partner with a recognized leader in networking solutions with Verizon Private IP global coverage and 30+ years of managed network experience, today we handle more than 4,300 customer networks and 510,000+ managed devices in over 150 countries.

## Learn more.

Find out how you can deploy and manage a more efficient, intelligent network including applications in the cloud with NaaS Cloud Management. Contact your Verizon representative today.