# A Unified Platform for Data Exchange, Security & Observability

SOLUTION BRIEF

## Overview

Graphiant NaaS is a next-generation Data Exchange platform that seamlessly unifies data connectivity, visibility, security, and compliance. With Graphiant, organizations gain private, high-performance connectivity that ensures secure and reliable data flow across regions, environments, and businesses.

Our platform empowers you to unlock real-time insights, maintain robust security, and simplify compliance, all from a single, integrated solution. Experience the future of private connectivity with Graphiant—where efficiency, security, and visibility converge. Whether you are in the Public Sector, a Service Provider, or in the Enterprise space, by leveraging Graphiant NaaS solutions, your business will see optimized costs and improved performance. Read more below on the many ways Graphiant can help you.

Graphiant's initial global offerings, such as Networking for AI, Data Assurance, B2B, Cloud Gateway, Backbone,

and Edge Connectivity, empower organizations to securely link cloud environments, partners, and global operations with minimal latency, enhanced security, and cost-efficiency. Graphiant's flexible, cloud-native services run on our innovative Software Defined Global Private Network and are designed to meet the growing demands of AI, edge, and hybrid cloud networks. All Graphiant solutions are strengthened by Data Assurance innovations that put data sovereignty and regulatory compliance controls at your fingertips.
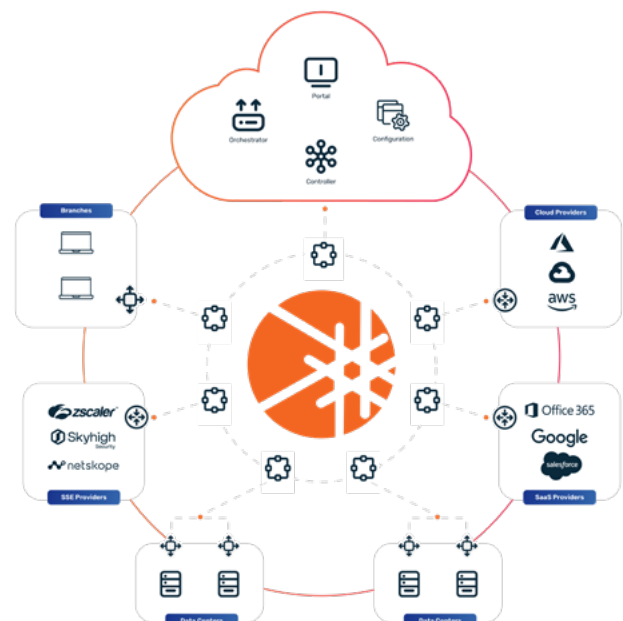
# Key Services

## 1. Networking for AI

Graphiant's transformative approach to networking was designed to support the complex networking needs of AI workloads, from high-performance data transport to secure, scalable connectivity. Graphiant's services empower businesses to deploy, scale, and optimize AI applications.

Whether your AI models are deployed in the cloud, on-premises, or at the edge, Graphiant provides the flexibility, security, and performance necessary to unlock the full potential of AI applications.



### Features of Network Services for AI include:

- **High-Performance Data Transport** - Graphiant's network services provide the high-speed, low-latency connectivity for AI applications to function optimally and reliably move data between data centers, clouds, and edge locations.

- **Scalable and Elastic Network Architecture** - As AI workloads grow and evolve, the ability to quickly scale network resources is critical. Traditional network infrastructure can be rigid, making it difficult to dynamically adjust to the changing needs of AI applications.

- **Financial Agility** - AI workload placement will vary per resource and economic factors (GPU or GPUaaS availability, power costs, etc.). Graphiant NaaS commercial terms include no per-site device, feature or throughput licenses. NaaS consumption credits are applied at a network level, so there are no sunk cost implications as capacity demand moves with workload or AI user location.

- **Enhanced Security for AI Workloads** - AI models process sensitive data, often involving proprietary information, customer data, or critical business insights. Ensuring the security of this data throughout the AI lifecycle—during data collection, processing, and storage—is essential. Graphiant's network services provide advanced security and "Data Assurance" features to protect AI workloads at every stage.

## 2. Data Assurance

Your data is critical to your business, and with Graphiant Data Assurance, you have the power to control how it moves. We redefine data governance to give you confidence, control, and absolute path visibility at every stage of your data journey.

### Key Benefits of Graphiant Data Assurance include:

- **Full Control Over Your Data** - As your data moves through various networks, risks can increase. Graphiant helps you mitigate these risks while optimizing performance, so you're always in control.

- **End-to-End Data Assurance** - Gain full visibility and control over your data throughout its entire lifecycle, empowering you to make informed business decisions and maintain seamless operations.

- **Unmatched Security, Sovereignty, and Compliance**
  - Navigate complex regulations with ease, knowing that your data is secure, sovereign, and compliant with Graphiant's robust security framework.

## 3. B2B Connectivity

With businesses and government agencies becoming more interconnected, secure and reliable communication between partners, suppliers, and customers is crucial. Graphiant's B2B service ensures seamless and secure connectivity between organizations, supporting business-critical operations such as supply chain management, data sharing, and partner collaboration.

### The B2B service allows:

- **Simplified Partner Integration** - We enable



businesses to connect to their partners without the need for complex VPN configurations.

- **Dynamic Provisioning** - With dynamic provisioning of network resources, partners can be added or removed from the global network via the Graphiant self-service portal with minimal downtime, allowing you to focus on your business efficiently.

- **Security** - Through encrypted data transfer and granular access controls, we ensure that only authorized partners have access to specific data.

## 4. Cloud Gateway

Graphiant's Cloud Gateway is designed to bridge the gap between on-premises networks and cloud environments. As organizations expand their workloads to multiple clouds—public, private, or hybrid—the need
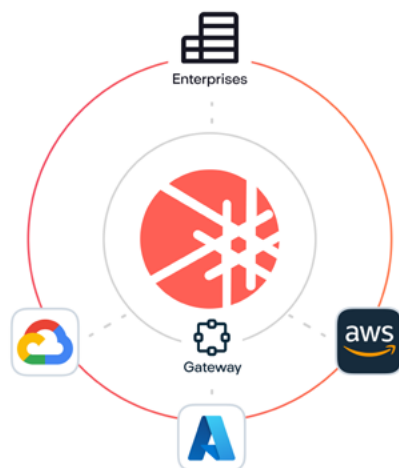


for a unified, secure, and efficient connectivity solution has become paramount.

The Cloud Gateway provides seamless access to cloud providers like AWS, Azure, and Google Cloud while eliminating the complexity and high costs of managing multiple direct connections.

### Key features include:

- **Optimized Traffic Routing** - Optimized Traffic Routing – This optimization ensures minimal latency between on-premises data centers, branches and cloud environments.

- **Integrated Security** – With end-to-end encryption and compliance standards, rest assured that your data in transit remains secure.

- **Scalability** - Scale to what your business needs by increasing or decreasing bandwidth as required

- **Cost Efficiency** - Significant savings over traditional cloud connection solutions like MPLS and SD-WAN on-ramps.

## 5. Connectivity

**Graphiant Backbone**

Graphiant's Backbone as a Service offers a highly efficient and scalable way for your business to leverage an optimized global network infrastructure.

Unlike traditional methods that require businesses to build and maintain their backbone networks or rely on costly service providers, Graphiant's BaaS allows
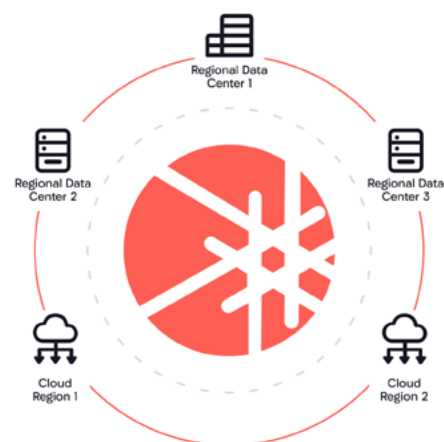


organizations to connect their global offices, data centers, and cloud providers using a fully managed, high-performance backbone network.

- **Global Reach** – Expand your footprint with optimized routes that reduce latency and improve application performance for international locations.

- **Guaranteed Performance** – Performance is guaranteed with Service Level Agreements (SLAs) that ensure network uptime and reliability.

- **Elastic Bandwidth Management** – Easily manage your consumption by dynamically scaling your network resources based on demand.

### Edge Connectivity

Graphiant's Network Edge Service is a next-generation Private Wide Area Networking solution designed to meet the needs of businesses connecting branch locations, data centers, remote users, and cloud environments.

By combining the power of software-defined networking (SDN) with the flexibility of a cloud-native platform, Graphiant allows organizations to connect their distributed infrastructure with efficiency, security, agility, and scalability.



### Benefits of the Network Edge Service:

- **Enhanced Security at the Edge** - Graphiant's Network Edge Service enhances security by implementing a Zero Trust framework, end-to-end encryption, and micro-segmentation to protect data and prevent threats across enterprise networks extending to the edge.

- **Unparalleled Agility and Scalability** –Graphiant's Network Edge Service provides flexible, cloud-native connectivity across hybrid environments with centralized management, scalable performance, and rapid deployment, enabling enterprises to optimize their network without significant hardware investments or complex configurations.

- **Cost-Effective Networking for the Edge** – Graphiant's Network Edge Service enables enterprises to adopt a more cost-efficient networking model than traditional approaches, which often involve expensive proprietary hardware, maintenance, and rigid contracts.

- **Data Assurance with Global Inline Threat Detection and Mitigation** – As your data moves through various networks, risks can increase. Graphiant's Path and Risk Assurance helps you mitigate these risks while optimizing performance, so you're always in control.

## Conclusion

Graphiant is redefining the future of next-gen networking by delivering innovative, scalable, and secure solutions that meet the evolving needs of modern businesses. Whether through seamless cloud integration, data assurance and security, networking for AI, efficient B2B connectivity, or its Backbone as a Service offering for Service Providers or the Public Sector, Graphiant empowers your business to optimize performance, reduce costs, and enhance security across diverse environments.

As businesses increasingly adopt hybrid and AI-driven models, Graphiant's flexible, cloud-native approach ensures that organizations can scale and adapt their network infrastructure effortlessly, making it an ideal partner for you and your business looking to stay competitive in an increasingly connected world.

**Learn more at graphiant.com**

**graphiant**

**Next-Gen Networking that is Agile, Performant and Secure**