



# Verizon AI Connect

**Manage your AI resource-intensive workloads at scale.**

Artificial Intelligence is nothing short of transformative and the realities are undeniably driving digital transformation across industries, fueling innovation and reshaping the way businesses and consumers engage with technology. Enterprises and organizations are integrating AI for employees to use, to run increasing portions of their operations and to help improve customer engagement and satisfaction.

Interest and adoption of AI continues, from generative AI models that generate new content based on learned patterns from existing data, to more advanced models that may be running calculations based on dataset or creating simulations. Inferencing, the next level of AI, trains models to make predictions or generate outputs from new, unseen data.

These advancements have created hyper focus on the chipsets, data centers and power needed to deliver on the promises of AI. Growing concerns related to data governance, cost, talent and security can be daunting. Yet, often overlooked is the critical role of the network in distributing AI workloads at the scale needed.

Existing infrastructure is likely not equipped to handle the demanding nature of modern AI workloads. Specialized hardware, complex data management requirements, security and compliance present real and multi-pronged challenges in building and scaling AI capabilities.

Increasing investment in AI infrastructure is expected to surpass \$1 trillion in worldwide data center capital expenditures by 2029\*

\* Data Center Capex to Surpass \$1 Trillion by 2029, Dell'Oro Group

## **Manage resource-intensive AI workloads at scale.**

Verizon AI Connect\* helps solve the need for robust, scalable and secure network services to deliver, manage and support AI workloads at scale. The solution leverages Verizon's foundational ecosystem to provide the space, power, infrastructure and services to form the essential link between AI applications and the firms that utilize them.

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The rapidly growing AI market exposes the need for robust, scalable and secure network infrastructure to connect and support AI workloads at scale - today and tomorrow.

**Scott Lawrence, Chief Product Officer,  
Verizon Business**

Verizon brings together a foundational ecosystem of security, high-speed / low latency connectivity and industry-leading partnerships to form Verizon AI Connect.

### Verizon AI Connect offers:



#### Security

Protect your data in motion and at rest.



#### Programmable network\*

Tools help manage and optimize network resources in real time.



#### Wavelength and dark fiber

High speed, low-latency connections and the bandwidth you need.



#### Data center/Cloud/GPUaaS

Extended reach, tools and services to meet on-demand requirements.

\* Q425

## Multi-layer security

AI introduces new and complex security vulnerabilities that many enterprises may not be prepared to address. Verizon provides multiple layers of security throughout the ecosystem to help protect your data and applications from compromise and attack.

### Our private backbone network helps reduce exposure to public threats.

- Our private, dedicated network / dedicated pipe is completely separated from the public internet, providing a dedicated and isolated connection for your sensitive data.

### Network-level security measures mitigate risk

- Firewalls, network segmentation, network monitoring, DDoS mitigation and secure cloud connectivity. These services help protect against unauthorized access, enable continuous monitoring and rapid responses and mitigate the effects of high-volume attacks. This protection is for data in transit and at rest.

### Verizon's Corporate Information Security Program

Verizon has implemented administrative, technical and physical safeguards that help protect the confidentiality, integrity and availability of systems, networks and information.

### Verizon's scope for securing Internal Systems includes:

- Maintaining an information security policy
- Building and maintaining a secure network
- Protecting sensitive information
- Maintaining a vulnerability management program
- Implementing strong access control measures
- Disaster recovery
- Incident management

View the [Verizon Security Summary](#) for more information.



Our Intelligent Edge network helps connect businesses to the largest data centers and cloud providers.

**Shamik Basu VP, Strategic Connectivity & IoT, Verizon Business**

## Programmable network

Our programmable network will enable businesses to dynamically manage and optimize their network resources in real-time. This next generation connectivity solution is designed to empower businesses with increased flexibility and performance through simplification that helps deliver scalable and software-defined networking for a modern digital era.

- API-driven consumption layer dynamically provisions end-to-end network resources
- Provides programmable network control through an intuitive user interface and robust APIs
- Our programmable platform allows customers to manage their own network resources and topologies

## High-speed, low latency network connectivity

High speed and low latency connections are critical for effective and widespread adoption of AI, especially for real-time applications. End user experience with conversational AI (chatbots), autonomous systems (self-driving cars) and interactive analytics demand immediate responses. Financial trading, fraud detection and healthcare also present use cases for time sensitive applications.

## Wavelength and Dark Fiber

Ultra-fast metro fiber network provides low latency, high bandwidth and robust intelligent edge capabilities.

Verizon Wavelength Services provide 1G, 10G, 100G and 400G point-to-point private and secure network circuit options between data centers and your enterprise locations.

Dark Fiber Provides virtually unlimited bandwidth so you can scale your network infrastructure without the restrictions of predefined service tiers.

## Data center/Cloud/GPUaaS

Data-intensive processes are managed at the transport layer.

- Our GPUaaS partners provide fast and efficient processing.

Our ecosystem spans different environments and geographies to support cutting edge technologies.

- Our extensive data centers and telco facilities provide the necessary space, power and cooling to support the demanding requirements of AI workloads.

## Trusted partnerships with industry leaders

Our relationships with industry leaders help position Verizon as an integrated AI infrastructure partner.



Verizon has the breadth and depth to work with the most complex technologies. We help optimize network infrastructure and leverage new technologies using edge computing and programmable networks and help accelerate revenue generation by enabling new product/service development.

**Kapil Maheshwari, Sr. Director,  
Business Development, Verizon Business**

Verizon AI Connect is ready to deploy the features and integration to scale your AI workloads.

- Advanced network features include embedded network security, programmable network architecture and low latency, high resilience connectivity.

- We facilitate seamless cloud connectivity for AI workloads and data integration that supports edge compute through distributed telco facilities to help ensure interoperability across diverse AI ecosystems.

## Partner with Verizon

Verizon powers and empowers how its millions of customers live, work and play, delivering on their demand for mobility, reliable network connectivity and security.



IT/network administrators can appreciate Verizon's long history of managing complex networks across the globe, our nationwide reach, our high reliability and our ability to offer low-latency, secure and private connectivity.

**Scott Lawrence, Chief Product Officer,  
Verizon Business**

**35+**

years of global network experience

**\$176B+**

investments in technology since 2000

**1M+**

miles of global fiber

**200MW**

of available power in US tech facilities

**4,000+**

managed customer networks worldwide

**185+**

countries and territories in which we operate

### Learn more

For more information about Verizon AI Connect and AI services available globally, please contact your Account Representative or visit [verizon.com/business/solutions/ai-connect/](https://www.verizon.com/business/solutions/ai-connect/)