

Verizon AI Connect

Networking solutions to manage your resource-intensive AI workloads at scale.

The transformative impact of artificial intelligence is fundamentally reshaping industries, driving innovation and altering how businesses and consumers interact with modern technology.

Adoption rates for AI continue to rise, ranging from generative models that produce novel content to inferencing that allows trained models to derive predictions or outputs from previously unencountered data points.

These breakthroughs have placed significant emphasis on the hardware, facilities, and power required to realize AI potential. Challenges such as data governance, budget, and security can be complex.

The vital role of the network in facilitating AI at scale is frequently underestimated.

Legacy infrastructure was not built with the capabilities needed to support modern AI demands. Specialized equipment, intricate data management, and strict security compliance present multifaceted obstacles to expanding and scaling AI initiatives.



Manage resource-intensive AI workloads at scale.

Verizon AI Connect* brings together a foundational ecosystem of networking solutions to enable organizations to manage their resource-intensive AI workloads at scale.

Verizon's core environment of secure, reliable networking solutions and assets, help ensure organizations can deploy, support and manage your mission-critical AI solutions.

- High-speed, high-bandwidth, low-latency connectivity
- Programmable network capabilities using software-defined networking and APIs
- Data center facilities and AI factories for power, space and cooling
- Advanced GPUaaS and specialized processing with professional support services



Businesses can overlook the network while focusing on the many elements of a successful AI deployment. But the network ecosystem - a reliable, low-latency, high-bandwidth backbone - matters. And that's where Verizon shines.

Scott Lawrence

Chief Product Officer, Verizon Business

AI-enabling solutions with Verizon AI Connect

Verizon AI Connect brings together the networking, AI factory facilities, solutions and industry-leading partnerships enterprises need for their AI deployments, including:



Verizon Wavelength Services and Verizon Dark Fiber

High-speed, high-bandwidth, low-latency connections



Verizon Adaptive Network Fabric

Programmable, self-service network infrastructure



Data center, cloud services and GPUaaS

Verizon-owned AI factories provide extended reach, tools and services



Security

Protect your data in motion and at rest

High-speed, low-latency network connectivity

Our ultra-fast metro fiber network offers low-latency, high-bandwidth connections and robust intelligent edge capabilities critical for the effective and widespread adoption of AI.

- **Verizon Wavelength Services** delivers up to 400 Gb/s dedicated, point-to-point Ethernet transport for high-capacity data center interconnect (DCI) to support the massive data bursts needed to train LLMs and process large-scale telemetry at the edge
- **Verizon Dark Fiber** offers virtually unlimited, scalable bandwidth without the restrictions of predefined service tiers (Contact your Verizon Account Executive for more information.)

Programmable, self-service network infrastructure

Verizon Adaptive Network Fabric, our intelligent, programmable network platform that provides control over network resources and topologies via APIs. This capability enables strategic network management and optimization, and precise control over the scheduling and placement of AI workloads to align with your specific operational needs.

- Dynamically manage and optimize network resources in near real-time with increased flexibility and performance through simplification
- API-driven consumption layer dynamically provisions end-to-end network resources
- Programmable network control is accessed via an intuitive user interface and robust APIs

Verizon data centers provide space, power and cooling, and GPUaaS processing

Our extensive ecosystem of AI factories strategically spans across multiple environments and geographies. 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.

- Our data centers and telco facilities provide the space, power and cooling needed to support the demanding requirements of AI workloads at scale
- GPUaaS partners provide fast and efficient data-intensive processing at the transport layer.

Multi-layer security

To combat the intricate security risks introduced by AI, Verizon implements comprehensive, multi-layer safeguards throughout the entire ecosystem. These defenses help shield your applications and data from evolving threats and potential compromises.

- A private network reduces exposure to public threats. A dedicated network/pipe isolates your sensitive data from the public internet for secure interconnects between your locations, data centers and cloud services.
- Mitigate risk through network-level security, including firewalls, network segmentation, monitoring, DDoS mitigation and secure cloud connectivity. Continuous monitoring and rapid response capabilities protect and defend against high-volume attacks for data in transit and at rest.
- View Verizon's Corporate Information Security Program at [Verizon Security Summary](#).



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

Shamik Basu

Strategic Connectivity & IoT, Verizon Business



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



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

20 years

as a recognized
Leader by Gartner®
in their Magic
Quadrant™ for Global
WAN Services

1M+

Miles of global fiber

200MW

of available power in
US tech facilities

4000+

Managed customer
networks world wide

185+

countries and
territories in which we
operate

Partner with Verizon

For over 35 years, Verizon Business has been an integral partner to thousands of enterprise businesses and organizations. We empower how our millions of customers live, work and play, delivering on their demand for reliable network connectivity and security solutions.

Learn more

For more information about Verizon AI Connect and Verizon AI-enabling services, please contact your Account Executive or visit verizon.com/aiconnect

1. *Verizon AI Connect is not available outside of the U.S., U.K. and France. However, the full capabilities of the underlying solution (Verizon Wavelength Services, Verizon Dark Fiber and other Verizon Business Group offerings that enable AI workloads) are supported where available.