Dedicated Internet from Comcast Business

Support bandwidth-intensive, business-critical applications with a robust Internet connection.

Once primarily a tactical necessity, the enterprise network has evolved into a strategic asset. Today, enterprise networks serve as a critical backbone to support rapidly evolving technology needs, from cloud-based collaboration and productivity tools to data security and artificial intelligence.

Comcast Business Dedicated Internet provides a reliable, private path for your network traffic and business applications, managed and monitored by a single provider. Unlike shared-access alternatives, a dedicated connection provides bandwidth for reliable performance, backed by service level agreements.

Dedicated Internet is ideal for enterprises that need more bandwidth and a fast connection that provides a link between their existing LAN and the public Internet.

Solution Overview

Comcast Business Dedicated Internet provides an Ethernet Virtual Connection (EVC) from your location to a Comcast Internet Point of Presence (POP) router through a plug-and-play interface with your Local Area Network (LAN) and all of your Internet-connected devices.

Site 1 — Premises Equipment — Comcast Switch — Comcast Network — Comcast Internet Gateway — Public Internet
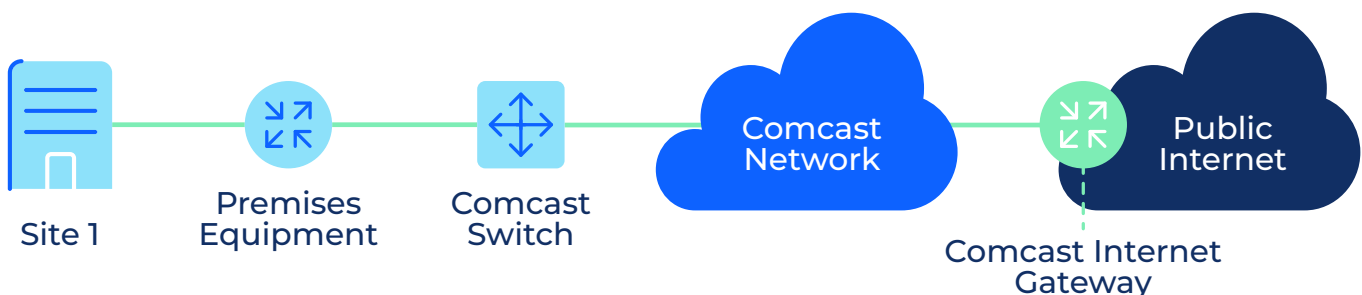
Your data travels across Comcast's private, diverse, and reliable nationwide network, masked by a unique customer ID. Comcast Business Dedicated Internet also allows for peering and interconnect relationships with all Tier 1 providers.

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The Comcast Network

Coverage	39 states + DC
Plant route miles	660,000
Fiber route miles	184,000

Comcast Business Dedicated Internet is offered in 100Mbps, 1Gbps, 10Gbps and 100Gbps port speeds.

Common Use Cases

Remote LAN Connectivity

High-speed Internet Access

Server Consolidation

Cloud Data Storage, Backup and Recovery

Video Streaming

Features & Benefits for Your Business

Reliable design
High network availability, low latency and packet loss

Quick deployment
Installation in as early as 30-60 days*
*based on transport type

Fully scalable solutions
Symmetrical dedicated bandwidth configurable from 100Mbps to 100Gbps

Dedicated support
- Dedicated project managers
- Service level agreement
- Proactive monitoring to the customer premise
- 24x7 dedicated enterprise support

Broad and diverse network
Our advanced, continually evolving network with 184,000 national route miles of fiber

Redundant, self-healing core architecture
Rely on the resilient, robust and diverse Comcast Business network

Integration with cybersecurity solutions
Pair with Managed Security services including VPN, UTM, Firewall, DDoS Mitigation, SD-WAN, Managed Router, and Managed Detection and Response (MDR)

Feature Details

Bandwidth	Symmetrical
Speed	Up to 400G/400G
IP Addressing	• Uses static IP addressing. A static IP address is a unique number that identifies a device on a network and remains the same over time. This is different from a dynamic IP address, which changes each time a device connects to the internet. • Static IP addresses are often used for customers with web servers or remote access systems, like VPNs, to allow users to connect to a company's resources and databases. • 2 Static IP are included with service, and additional static IP addresses are available for an extra charge. • Customers can bring their own IP blocks. • IPv4 & IPv6 supported.
Domain Name System (DNS)	• DNS is the basic network service that translates host and domain names into corresponding IP addresses and vice-versa. • Supports customer-managed DNS or Comcast-managed DNS.
Circuit Availability	• 99.99% network reliability. • Availability is a measurement of the percentage of total time that the service is operational when measured over a 30-day period.
Service Restoration (MTTR)	• **Mean Time to Respond:** 15 minutes • **Mean Time to Restore:** 4 hours
Border Gateway Protocol (BGP)	• Optimize stability with optional BGP routing. • Set up a connection for core traffic with one provider, and a second link for backup with a different provider.
Performance Reporting	Utilization
Proactive Monitoring	Supported

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