

The Cogent Advantage

Cogent SD-WAN provides a **fast, secure, and efficient WAN** solution, offering integrated VPN & Internet / Cloud connectivity with classes of service and end-to-end monitoring, to transport your data across our **global** network at the speed of light, at a lower price than other solutions. Cogent SD-WAN simplifies network traffic flow, while significantly reducing costs associated with network traffic growth. Trust Cogent's **reliable** Tier 1, optical IP network to carry your mission-critical data, giving secure access to the information needed to collaborate in real-time.

Integrated WAN

Connect everywhere: Public & Private

Private (VPN) & Public (Internet / Cloud) WAN

Flexible topology (Full Mesh, Hub & Spoke, Split Tunnel)

End-to-end Network Monitoring & Traffic Analysis

Benefits

Faster, more Secure & Efficient than MPLS IP-VPN

Speed: Throughput over 85% of Full Line Speed

Security: Traffic Encryption & Encapsulation*

Efficiency: Multiple Classes of Service

Global Reach

Cogent SD-WAN enables you to transmit your most sensitive data across the globe or across the street. Our network is one of the largest of its kind, connecting to over 251 markets across 54+ countries. From Albany to Zurich, Cogent's all-optical IP backbone connects more service locations and networks than any other Tier 1 provider.

Secure Data Transmission

Customers rely on Cogent to carry VoIP or video conferencing, transmit sensitive data, and access cloud applications. We transport and encrypt the packets, you provide the data. Connect your remote offices, back up critical information, or access data in the cloud--Cogent's SD-WAN provides a simple, secure and cost-effective solution.

Reliable Service

No matter what your business is about, reliability can't be compromised. Cogent's ring architecture provides built-in redundancy and is designed for 100% availability. Customer Support Engineers are available 24x7x365 to answer your calls in less than 25 seconds. Local support and online account management ensure your connection is up and running regardless of time zone.

Features

Available over Cogent DIA & Cogent Ethernet VPLS*

Interface: GigE (100Mbps - 1Gbps)

Available On-Net and Off-Net

IPSec / AES 128-bit Encryption & VPLS Encapsulation*

Internet / VPN Traffic Split: Local or at Hub

Cloud-based Monitoring Portal

*Optional with VPLS

SERVICE LEVEL AGREEMENT (SLA)

Network Availability	100%
Installation Guarantee	
On-Net	17 business days
Off-Net	90 business days

Network Operations & Customer Support Centers

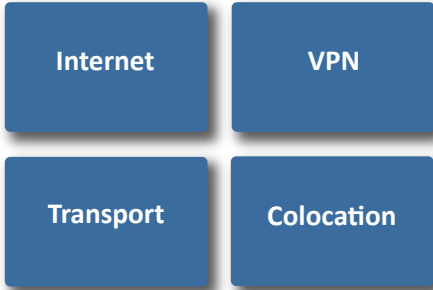
Washington, DC • Herndon, VA
Frankfurt - Germany • Madrid - Spain • Paris - France

Service Locations and Products



Cogent offers a wide variety of On-Net service locations, including the largest and most prestigious office buildings in North America and hundreds of data centers around the world. Off-Net services extend our reach to almost any office building in the markets we serve.

Across our global network, Cogent offers a simple product set, allowing us to specialize in providing you bandwidth.



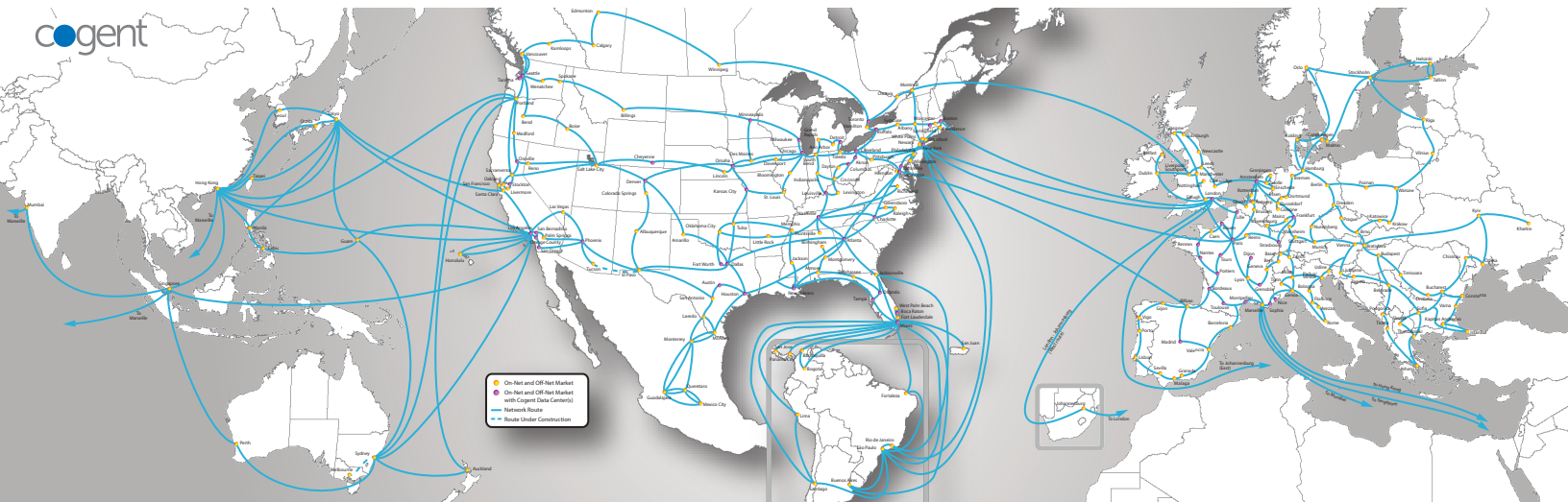
Call today for information on any Cogent product.

COGENT FACTS

- 2023 U.S. Carrier Ethernet Services Challenge Tier (*Vertical Systems*)
- Mid-Year 2023 US Carrier Ethernet Services Challenge Tier (*Vertical Systems*)
- 2023 Best in Class - NA Business Connectivity Providers (*Atlantic-ACM*)
- 2023 Best in Class - US Wholesale Providers (*Atlantic-ACM*)
- 2023 Best in Class - Global Wholesale Providers (*Atlantic-ACM*)
- 2022 U.S. Carrier Ethernet Services Challenge Tier and Global Provider Ethernet Services Challenge Tier (*Vertical Systems*)

Cogent customers include:

- 80% of the top 100 U.S. law firms
- 45% of the largest hedge funds
- 30% of the top U.S. government contractors
- 30% of Fortune 100 companies
- Major stock exchanges & top financial institutions
- Trusted network of schools & libraries (E-Rate supplier)



UNITED STATES OFFICE LOCATIONS

- | | | | |
|----------------|-----------------|-------------------|-------------------|
| Addison, TX | Dallas, TX | Minneapolis, MN | San Francisco, CA |
| Atlanta, GA | Denver, CO | New Orleans, LA | Santa Clara, CA |
| Austin, TX | Herndon, VA | New York, NY | Seattle, WA |
| Boca Raton, FL | Houston, TX | Overland Park, KS | Troy, MI |
| Boston, MA | La Mirada, CA | Pasadena, CA | Vienna, VA |
| Charlotte, NC | Los Angeles, CA | Philadelphia, PA | Walnut Creek, CA |
| Chicago, IL | Maitland, FL | Phoenix, AZ | Waltham, MA |
| Columbus, OH | Miami, FL | San Diego, CA | Washington, DC |

INTERNATIONAL OFFICE LOCATIONS

- | | |
|-----------------------------|-------------------------|
| Toronto, ON - Canada | London - United Kingdom |
| Mississauga, ON - Canada | Luxembourg |
| Montreal, QC - Canada | Madrid - Spain |
| Amsterdam - The Netherlands | Paris - France |
| Frankfurt - Germany | Stockholm - Sweden |
| Kiev - Ukraine | Singapore |

About Cogent

Cogent Communications Holdings, Inc. (NASDAQ: CCOI) is a multinational, Tier 1 facilities-based ISP, consistently ranked as one of the top five networks in the world. Cogent specializes in providing businesses with high speed Internet access, Ethernet VPN, optical transport, and colocation services. Cogent built one of the largest and highest capacity IP networks in existence, which enables Cogent to offer large bandwidth connections at highly competitive prices.



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