



## The Cogent Advantage

Cogent provides IP Transit connectivity to thousands of businesses across the globe. Whether you are a content provider or a carrier / ISP, Cogent bandwidth is the right choice. We offer more service locations than any other Tier 1 carrier and outstanding **connectivity** to major access and content networks throughout the world. Powered by one of the most interconnected networks, Cogent provides reliable, scalable and affordable bandwidth. Our service is backed by local customer support centers and an industry leading Service Level Agreement.

### Interfaces

A wide variety of interfaces to fit your needs

<b>Fast Ethernet</b>	10 - 100 Mbps
<b>Gigabit Ethernet</b>	100 Mbps - 1 Gbps
<b>10 Gigabit Ethernet</b>	500 Mbps - 10 Gbps
<b>100 Gigabit Ethernet</b>	10 Gbps - 100 Gbps

### Features

Feature-rich IP Transit in over 780 data centers globally

Flat or burst billing	IPv6 ready
Multiple BGP sessions	Blackhole server
Primary / Secondary DNS	Link Aggregation
IPv4 addresses	

## Tier 1 Network

Our IP Transit service runs over Cogent's Tier 1 optical IP network, which is one of the largest of its kind. Cogent operates AS174, a historic autonomous system of the Internet. The Cogent network is directly connected to more than 5,940 other networks worldwide.

## Connected to Content

If you are an access provider, Cogent's IP Transit service will connect you and your end users to the most popular content and application providers on the Internet - just one hop away! Your customers will appreciate low latency access to the best of what the Internet has to offer.

## Connected to Eyeballs

Cogent's IP Transit service offers application and content providers the most reliable, scalable and cost-effective way to connect to eyeball networks. Whether your business is gaming, VoIP, social networking, streaming media, or the latest application, Cogent's network is the best way to expose your content to end users.

## SERVICE LEVEL AGREEMENT (SLA)

Network Availability	100%
Packet Delivery	> 99.9%
Network Latency	
Intra North America	< 45 ms
Intra Europe	< 35 ms
Transatlantic	< 85 ms
Transpacific	< 125 ms
Installation Guarantee	17 business days or less

### Network Operations & Customer Support Centers

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

24/7 customer support and online account management.  
Our average answer time for support calls is less than 30 seconds.

## Service Locations and Products

Cogent offers a wide variety of service locations, including more than 700 carrier neutral data centers around the world. Cogent also connects the largest and most prestigious office buildings in North America.

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



Dedicated Internet Access

Ethernet Services

Colocation

Utility Computing

Call today for information on any Cogent product.

### COGENT FACTS

- 2017 Best in Class Service Delivery (*Atlantic-ACM*)
- Mid-Year 2016 U.S. Carrier Ethernet Services Challenge Tier and Global Provider Ethernet Services Challenge Tier (*Vertical Systems*)
- 2016 Best in Class CLEC Data Value (*Atlantic-ACM*)
- 2015 Global Ethernet Services Challenge Tier (*Vertical Systems*)
- 2015 U.S. Carrier Ethernet Services Competitive Providers (*Vertical Systems*)
- 2015 U.S. Carrier Ethernet Services Challenge Tier (*Vertical Systems*)

### Did you know?

- The Cogent network is directly connected to more than 80% of US broadband eyeballs (LRG)
- Cogent is the only commercial ISP to operate one of the 13 DNS root servers of the Internet (C.ROOT)
- 50% of the top web properties in the US & Europe are Cogent customers (comScore)
- More than 400 Universities & Research Institutions rely on our bandwidth



### UNITED STATES OFFICE LOCATIONS

- |                 |                 |                   |                |
|-----------------|-----------------|-------------------|----------------|
| Atlanta, GA     | Herndon, VA     | Oakland, CA       | Seattle, WA    |
| Boston, MA      | Houston, TX     | Pasadena, CA      | Somerville, MA |
| Chicago, IL     | Los Angeles, CA | Philadelphia, PA  | Sterling, VA   |
| Culver City, CA | Miami, FL       | Phoenix, AZ       | Vienna, VA     |
| Dallas, TX      | Minneapolis, MN | San Diego, CA     | Washington, DC |
| Denver, CO      | New Orleans, LA | San Francisco, CA |                |
| Detroit, MI     | New York, NY    | Santa Clara, CA   |                |

### INTERNATIONAL OFFICE LOCATIONS

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

## 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 transport and colocation services. Cogent built one of the largest and highest capacity IP networks in existence. This network enables Cogent to offer large bandwidth connections at highly competitive prices.



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