



Leverage Our Next-Generation
Broadband Network

Accelerate Revenue-Generating Services

Why Choose Covad? Network + Platform + Experience.



Why Choose Covad?

The Network Matters.

No one knows that better than we do. Covad is the only nationwide, facilities-based provider of wireline and fixed wireless broadband, with over \$1.2 billion in network investments. Our state-of-the-art network enables a full suite of traditional and Ethernet next-generation services delivering access of up to 35 Mbps. Our footprint covers 45 states and 240 major metropolitan markets, reaching over 11 million businesses and 49 million homes. We have an expanded footprint of 4,400 central offices nationwide.

Covad is committed to being your provider of choice and strives to provide you the products and services you need.

Covad's loop length would
circle the earth **28** times.

Your Platform Matters.

You need a network that can deliver the applications you sell. The Covad next-generation wholesale broadband network consists of a resilient optical backbone and a carrier-grade multi-protocol label switched (MPLS) core. Network redundancy is designed into the architecture, with path-protected mesh (PPM) networking to ensure non-stop availability. Optical networking capacity can be upgraded with multiple OC-192s (10 Gbps) to reach throughputs that support higher-bandwidth services as needed.

The Covad network is architected to deliver high availability and higher bandwidth services. With an advanced network services integration layer and application level awareness, Covad has engineered performance into the network design so that our wholesale customers are able to provide a differentiating experience for voice, video, and data application services. The result is the one of the largest, nationwide broadband services platform that can be leveraged to deliver revenue-generating services for you.

Experience Matters.

Founded in 1996, Covad was one of the original wholesale DSL providers in the broadband services market. In addition to having one of the most extensive access and transport networks available today, Covad also provides best-in-class operational support for our wholesale partners.

Covad manages a 24x7x365 support center and a nationwide workforce of field technicians to provide installation and wiring services. To date we have 2+ million installation dispatches. Covad offers an end-to-end package to help you deliver revenue-generating broadband services.



Businesses Need Broadband

11 million

businesses passed with
the Covad network

Broadband services are emerging from a world of making connections to a new world of providing experiences. Covad gives you the power to improve your customers' broadband experience—from personal contacts to leisure entertainment to business information exchange. Covad wholesale broadband services can help you provide the power to increase revenue by differentiating your services to improve the communications and entertainment experience of your customers.

The delivery of voice, video, and data services over a converged IP network provides unprecedented revenue-generating opportunities for broadband service providers. To succeed in this market, you need the ability to deliver higher-bandwidth services, to accelerate revenue-generating services, and to provide a comprehensive suite of access and network services. The broadband experience is determined not by the bandwidth but by the performance of the specific application an end user is accessing.

Take the example of the customer who is experiencing latency and jitter issues on their voice over IP (VoIP) service. Whether they have a 1 Mbps or 10 Mbps service, they are unhappy with the service if the network can't support this application. Covad's intelligent network can support these high-quality services by differentiating traffic between applications.



Flexible Solutions

Our dynamic network provides you the ability to order and provision dedicated network resources. Wholesale partners can order broadband services based on fixed or variable bandwidth, priority through the network, and symmetric or asymmetric upload or download speeds. This ensures each of your customers receives the network resources required for the applications they are using. For example, Internet access subscribers don't need stringent packet delivery or latency service levels while voice or video subscribers do. Covad provides a range of access services from xDSL, T1, and DS3, to an ethernet portfolio that allow our partners to offer a customized broadband service designed to meet the needs of most broadband applications.

Personalization is delivered through the use of industry standards such as MPLS and innovative edge routing technology deployed throughout the Covad nationwide network. The result is a high-performance broadband services platform that proactively manages network resources for each and every subscriber. In some cases, Covad partitions the network into multiple virtual networks for an end user's services. The result is a high-performance broadband services platform that proactively manages network resources for each and every subscriber. Proactive management is the network's ability to dynamically adjust to transport higher-priority customers first.

The competitive nature of the broadband industry requires you to deliver personalized services that differentiate you from your competition. Covad's extensive experience and over \$1.2 billion network investment provide you with access to one of the nation's largest broadband networks capable of delivering revenue-generating services you need to extend and complete your portfolio. In short, you will benefit from Covad's Tier 1 carrier-grade network and operational excellence.

Covad has invested over **\$1.2 billion** in its network, one of the largest broadband networks to deliver revenue-generating services.

Businesses Need Support



Covad dispatched more than
2,000,000
field installations to date.

Covad provides best-in-class operations support for our partners. We manage a 24x7x365 support center and a nationwide workforce of highly skilled field technicians to provide installation and wiring services.

All of your ordering needs are taken care of in one place, whether ordering online through Connect, our wholesale ordering and support portal, or through XML-based API integration.

- Online prequalification and ordering
- Order management—real-time view of your orders
- Network Weather Report—detailed information about our network and any outages
- Trouble Ticket management—placement and notes on progress

Nationwide Coverage—
One provider to meet
all of your service
needs nationwide.

**Access Technology
At Its Best**—Empower
yourself to sell the
services you want using
our access to help you.
Layering your value-
added services
is simple, based on
the strong access
foundation you have
with Covad.

Ease of Interaction—
Whether you choose
the Covad online
ordering and trouble
ticketing system,
Connect, or the XML-
based API integration,
you can take advantage
of our proven one-stop-
shop for all of your
access ordering and
maintenance.

**Operational Excellence
and Maturity**—Take
advantage of Covad's
know-how in the
marketplace. Our
support team consis-
tently troubleshoots
and solves your
issues quickly.



The choice is simple. Covad.



Covad Network Map



Nationwide metro optical backbone with scalability up to multiple OC-192 capacity



Covad Communications
2220 O'Toole Avenue
San Jose, CA 95131
www.covad.com

With an IP/MPLS foundation, the Covad nationwide broadband network provides a comprehensive suite of access and network services to meet the demanding needs of today's broadband

market. Our industry-leading network scalability and capacity provide an intelligent broadband platform that can be leveraged to deliver revenue-generating services.