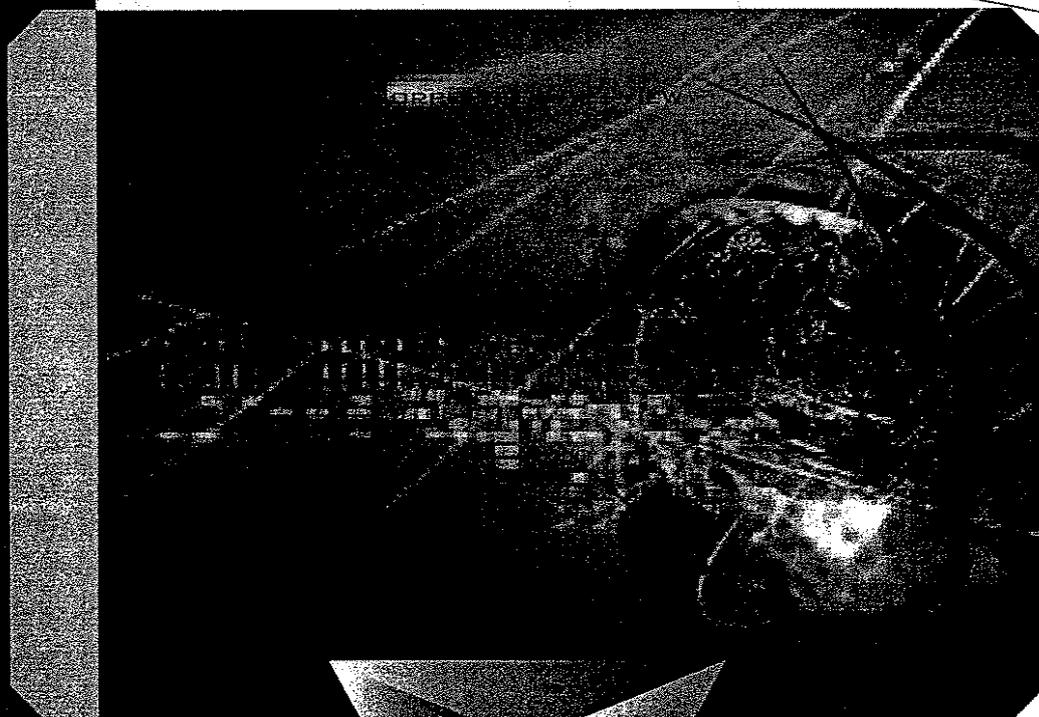
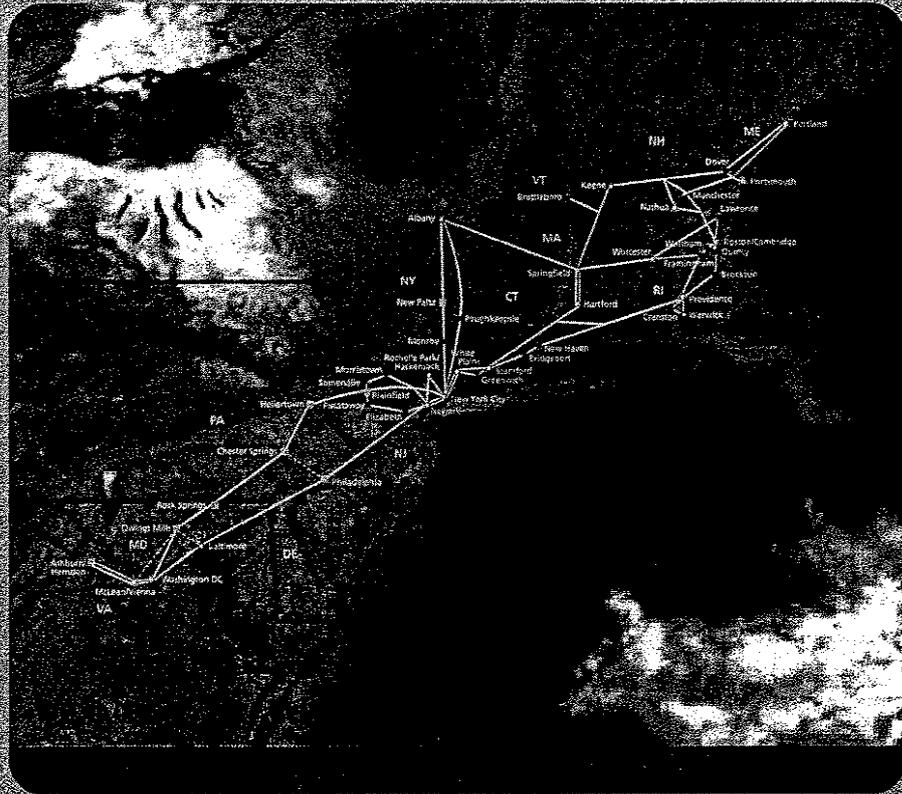


DECLARATION OF QUINTIN LEW

EXHIBIT 10



Providing End-to-End Bandwidth Services  
and Solutions



## **CAPABILITY**

Put your networking needs in the reliable hands of the most technically capable carrier company.

### ***NEON Encompasses a Full Spectrum of Network Capabilities.***

In today's information-driven world, the demand for high-capacity bandwidth continues to grow exponentially. Businesses demand swift movement of vital information among multiple operations centers. Consumers expect instant response and trouble-free continuity of service.

NEON Communications is unique among facilities-based bandwidth providers for our diverse network in one of the most valuable telecommunications markets in the world. Our dense build network, with more than 160 Points of Presence (POPs), provides customers quick, cost effective, and comprehensive connectivity to critical communications facilities and enterprise locations throughout our footprint.

That's why communications carriers, enterprise accounts, competitive local exchange companies (CLECs), Internet service providers (ISPs), wireless companies, and cable television operators choose NEON.

### ***The NEON Network: A Well-Traveled Route.***

NEON has been deploying its network since 1994 throughout the nation's busiest telecommunications corridor more quickly, easily, and cost effectively than our competition. The 12-state, \$87-billion market encompasses 28 percent of the nation's communications market and extends from New England, New York City, and the north Atlantic coast to Philadelphia, Baltimore, Washington, DC, and into Virginia.



Our customers leverage the NEON network to reach more than 500,000 businesses and 18 million households in the dense Northeast and mid-Atlantic market.

Our high-capacity Synchronous Optical Network (SONET), over geographically diverse fiber routes, provides a cost effective, fully redundant bandwidth solution for our customers. Coupled with our proven and innovative Dense Wave Division Multiplexing (DWDM) services, NEON provides unparalleled capacity coursing through the densest telecommunications market in the world. And, since NEON facilities are located in secure rights-of-way, we offer the utmost in system integrity, while providing carriers and enterprise customers with hassle-free routes to virtually any building with a light bulb.

## BUSINESS MARKETS

Our capability to respond to customer needs for end-to-end communications solutions and to take them where they need to be provides a decided edge in winning new business partnerships.

### ***The Power Of Metro Access.***

Through partner agreements and acquisitions, NEON has gained unsurpassed access and reach in the extremely valuable metropolitan markets we serve. Companies that partner with us can be confident of our strength within the industry, our commitment to the most advanced technologies, our expertise across the spectrum of broadband services, and our extraordinary market reach and access.



## AVAILABILITY

With more POPs, NEON can meet your expanding growth needs with a wide spectrum of evolving services.

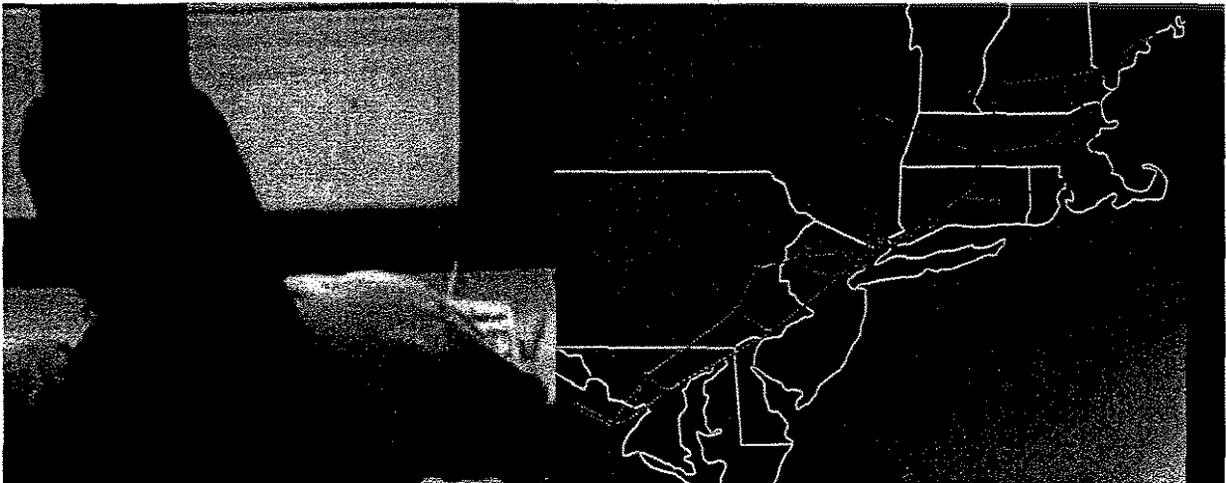
Our network is continually evolving to meet the demand for bandwidth.

At NEON, we recognize the urgency of delivering comprehensive, reliable, and cost effective end-to-end communications solutions in a timely manner. After all, most businesses today consider communications network connectivity indispensable to their very survival. Our extensive network reach and connectivity is available today throughout our footprint. And, the NEON team is available now to meet your bandwidth needs.

## SERVED — COAST TO COAST

### *Lighting The Way.*

Our carrier partners know they can rely on NEON to meet their customers' extremely time-sensitive demands. Our network is built with available capacity at all bandwidth levels from DS-3s to OC-48s with SONET, and 2.5 and 10 gigabits per second speeds with our innovative wavelength services.





# IT'S ALL ABOUT MAKING THE 99.99%

In addition to having a large degree of circuits already in place, the NEON network comprises a unique and highly desirable footprint. By locating our network strategically, we cover areas that are otherwise unavailable, providing true diversity to our customers. We have service where our competitors can't go, places that are critical for delivering seamless network connectivity.

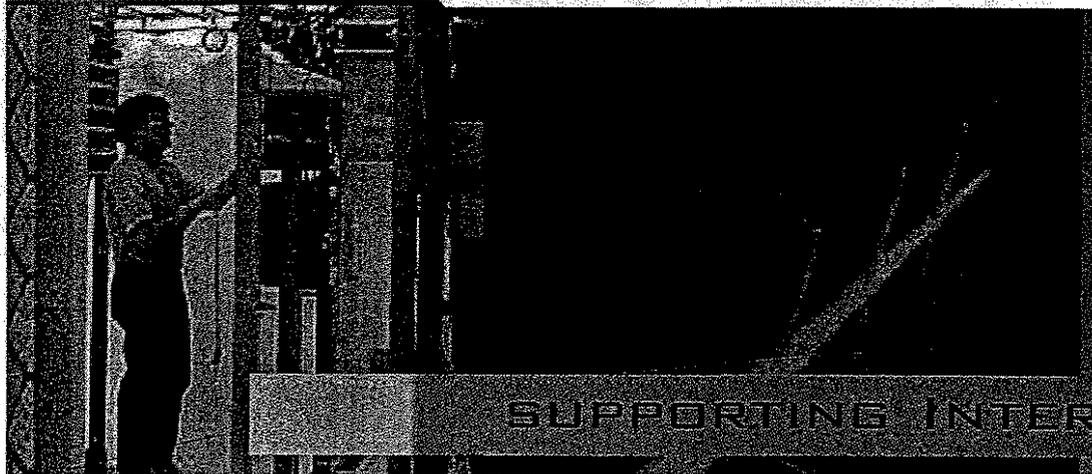
In the future, we will continue this capillary expansion, offering a dimension of density unique to the industry. This increases NEON's leadership role as the bandwidth provider of choice within our footprint and to those who need to reach this market.

We are prepared today for tomorrow. For example, our high-bandwidth network provides scalable capacity to meet future transport and connectivity requirements, and to transparently support ever-evolving transmission standards for Internet, voice, video, and data services. Our exclusive innovation, wavelength service, means our carriers can satisfy the most comprehensive customer network requirements at the speed of light.

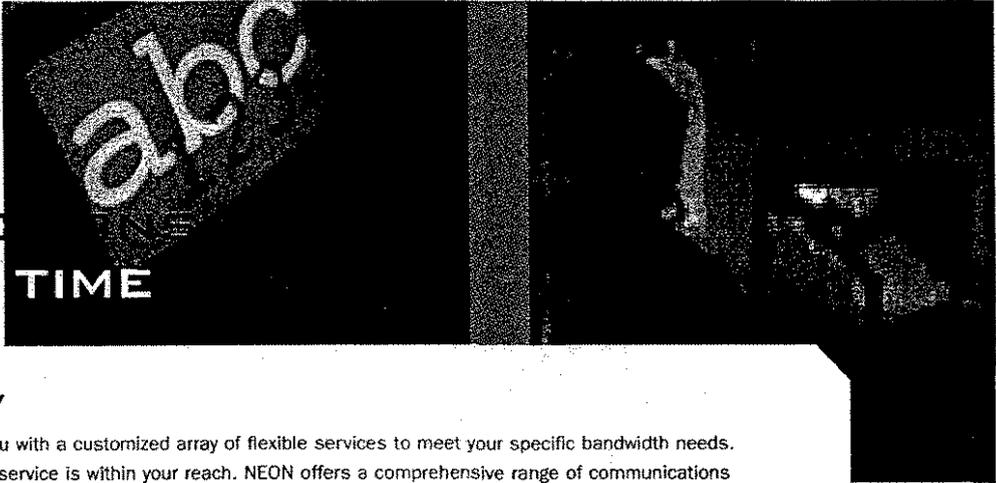
### ***Access That Shines Beyond The Competition.***

A regional provider, NEON offers its customers unsurpassed global access. Specifically, our interstate, intercity, and local loop facilities comprise a network of approximately 3,600 route miles and more than 220,000 fiber miles. In addition, we provide connectivity to more than 160 POPs, including Local Switching Offices (LSOs) and carrier hotels—with many more to follow.

Instant access to the NEON network is instant access to the world.



SUPPORTING INTERNET



## CONNECTED OF THE TIME

### FLEXIBILITY

NEON can provide you with a customized array of flexible services to meet your specific bandwidth needs. The full spectrum of service is within your reach. NEON offers a comprehensive range of communications products and services, including:

**SONET Private Line Service.** Our SONET Private Line Service provides both long-haul and metro SONET private line connectivity to our multi-POP network. NEON network architecture is designed to provide the highest level of protection and survivability by deploying proven geographically diverse, four-fiber, Bi-Directional Line Switched Rings (BLSRs). Bandwidth levels available include DS-3, OC-3, OC-12, and OC-48.

**SONET Virtual Private Network Service.** Our SONET VPN Service provides an OC-48 or OC-12 virtual SONET ring connecting a predetermined set of locations. Once the service is established, any combination of DS-3s through OC-12s can be quickly added between locations up to the total capacity of the network.

**Central Office Access Service.** NEON's Central Office (CO) Access Service provides wholesale, high bandwidth SONET private line connectivity to key incumbent Local Exchange Carrier (ILEC) COs for carriers and service providers serving the enterprise market. Carriers can connect to NEON from their colocation within the CO or order ILEC services directly to the NEON presence in the CO at the DS-3 level and above for virtual colocation.

**Ethernet Private Line Service.** NEON's Ethernet Service provides point-to-point Ethernet connectivity at 50 Mbps Fractional Fast Ethernet or a full 100 Mbps Fast Ethernet at any of the NEON colocation facilities. This carrier class service is ideal for those customers with mission critical connectivity needs who have Ethernet network interfaces but need the reliability of SONET.

**Custom Private Optical Network Solutions.** NEON can offer carriers and enterprise customers an innovative way to get the specific optical networking solutions needed to achieve their objectives by designing, building, and managing a cost effective private network for them.

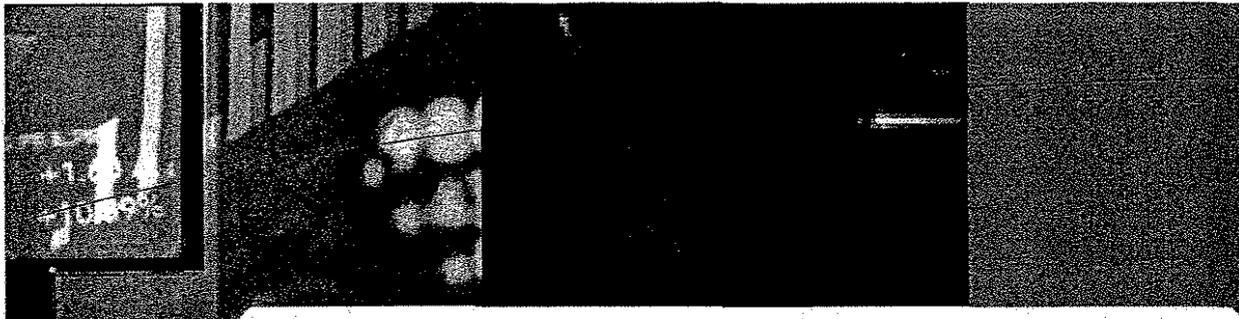
**Colocation Service.** Combined with our multi-POP network coverage, NEON's colocation facilities provide immediate high bandwidth connectivity to other LSOs, carrier POPs, NSP POPs, and enterprise facilities.

**Wavelength Service.** Our 2.5 and 10 Gbps Wavelength Service provides a flexible and scalable high-capacity transport solution with the benefits of competitive costs, improved speed-to-market, and enhanced network control compared to capital intensive and resource intensive dark fiber builds.

**Network Control Center Service.** NEON's Network Control Center Service provides clients with 24x7x365 network monitoring and associated technical services utilizing NEON's state-of-the-art Network Control Center (NCC).

**Dark Fiber Service.** NEON can serve as an end-to-end eastern seaboard provider. Using the latest in fiber technology and nonzero dispersion shifted TrueWave® fiber in transport facilities, NEON offers geographic diversity, expansive coverage, and 24x7x365 maintenance support.

VOICE, VIDEO, AND DATA



**Technology That Delivers.**

The core benefits of our technology are based on the inherent properties of optical fiber itself. With greater tensile strength than copper or steel fibers of equal diameter, optical fiber has an information-transmitting capacity that's essentially infinite. Our fiber can support speeds of hundreds of gigabits per second—as well as carry numerous gigabit channels simultaneously.

The proven reliability of the NEON network is the result of our bi-directional, "self-healing" SONET ring architecture, including an OC-192 platform by one of the industry's leading equipment manufacturers. By utilizing a geographically diverse ring topology over a four-fiber, BLSR system, our network ensures a high degree of flexibility and redundancy.

**MEETING YOUR CURRENT AND**

The NEON network also utilizes the latest generation of DWDM technology. DWDM provides NEON carrier partners and their customers with high-capacity transport, geographic diversity, and unsurpassed resilience.

We deploy the finest fiber available for enhancing metropolitan and long-haul capabilities. The result—a network that delivers greater system security and virtually uninterrupted uptime.

## RELIABILITY

NEON provides end-to-end communications solutions for the future.

Every day, hundreds of business and thousands of consumers located throughout Boston, New York, Philadelphia, Baltimore, Washington DC, and a multitude of other cities and towns, use the NEON network to dependably place phone calls, access the Internet, and transfer data.

The NEON network is designed to provide the highest level of protection and survivability by employing proven geographically diverse, four-tier, BLSR/SONET architectures and designs. We continually invest and provide state-of-the-art technology along defined and planned paths of available data and diverse building paths wherever possible. Consequently, we provide our customers master service agreements with service level agreements

## FUTURE BANDWIDTH NEEDS

that guarantee up to 99.999% reliability where warranted and required. We have major network operations and service centers placed strategically along our network to facilitate fast and efficient network servicing.

Our network is designed to provide easy, cost-effective, and scalable bandwidth to help our customers stay ahead of changing connectivity requirements. For example, our regional OC-192/SONET ring architecture offers the utmost in overall system flexibility with multiple optical add/drops along the network path.

Our goal is to continually increase bandwidth capacity, enhance technological capabilities and expand our diversity for near-ubiquitous coverage. With our wavelength and SONET services, we're ready now to reliably meet current and future bandwidth needs.

## WAVELENGTH

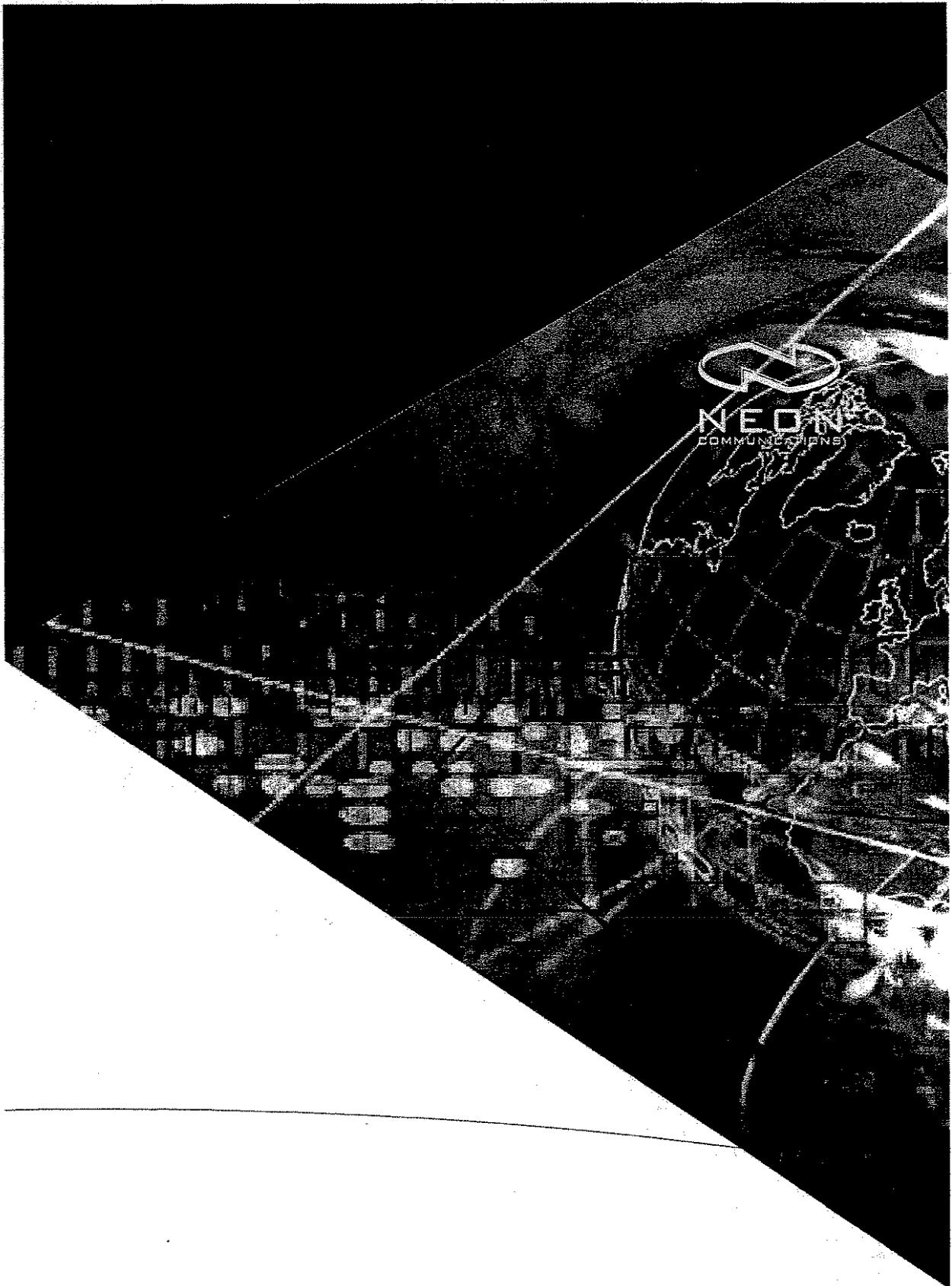


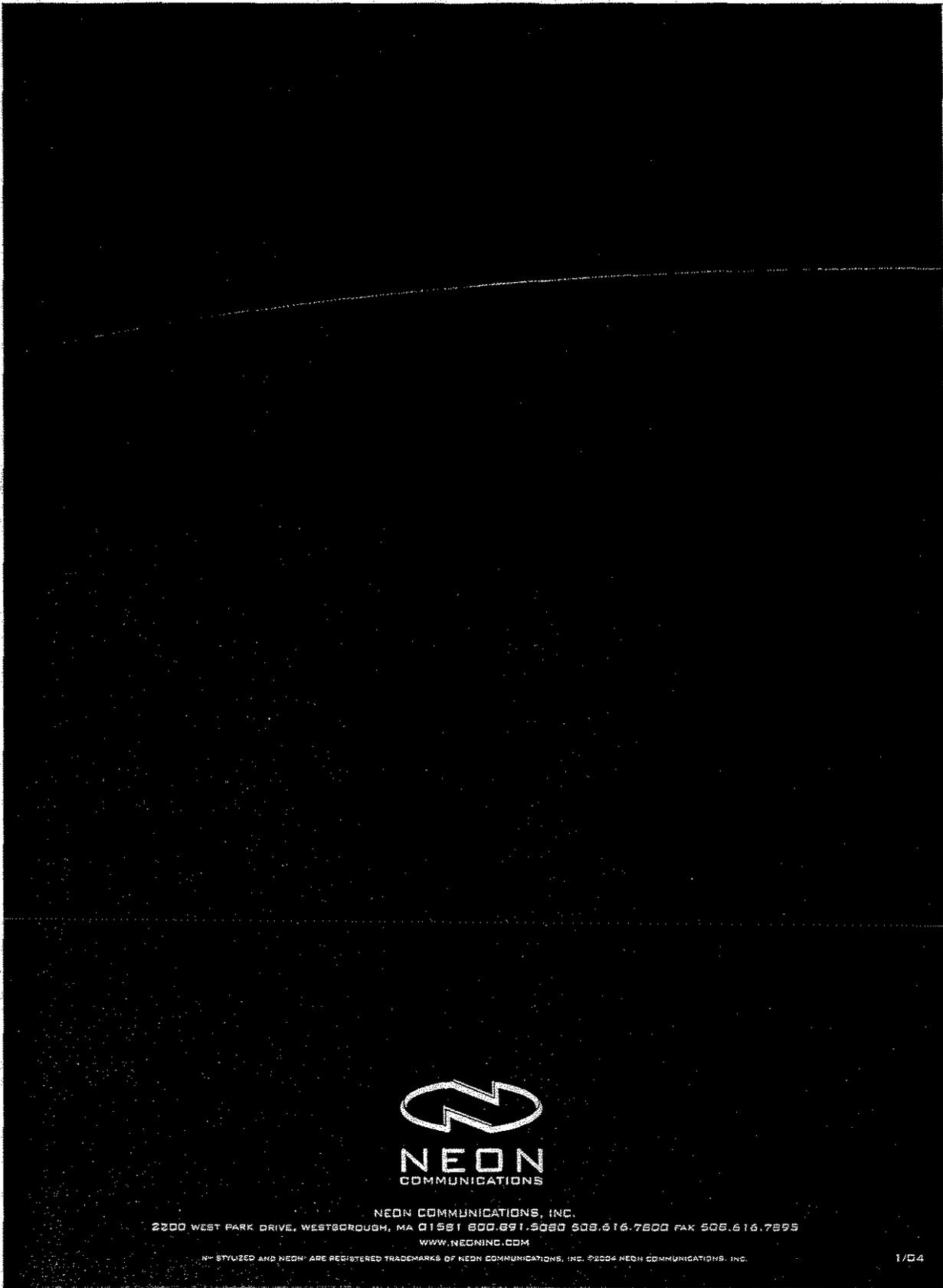
### NEON At A Glance.

- Our comprehensive connectivity solutions, comprised of interstate, intercity, and local loop facilities, are located in the \$87 billion, 12-state Northeast and mid-Atlantic communications market.
- Our ever-expanding high technology oriented service area currently covers 28 percent of the nation's communications market.
- Our diverse network consists of approximately 3,600 route miles and over 220,000 fiber miles.
- We provide connectivity to over 160 POPs.
- We are geographically located close to our customers for fast, reliable service.
- We have an experienced customer support team in place, NEON's NCC which operates 24x7x365 with guaranteed response times.
- Our system is constantly monitored to alert us to any degradation of signal or loss of fiber capacity, thereby enabling us to easily pinpoint "trouble spots" and maintain a service reliability factor of 99.999%.
- We'll use our comprehensive range of communications products and services to develop programs that meet your needs today and in the future.

#### Contact Us:

Tel 800 891 5080 or 508 616 7500  
[www.neonline.com](http://www.neonline.com)





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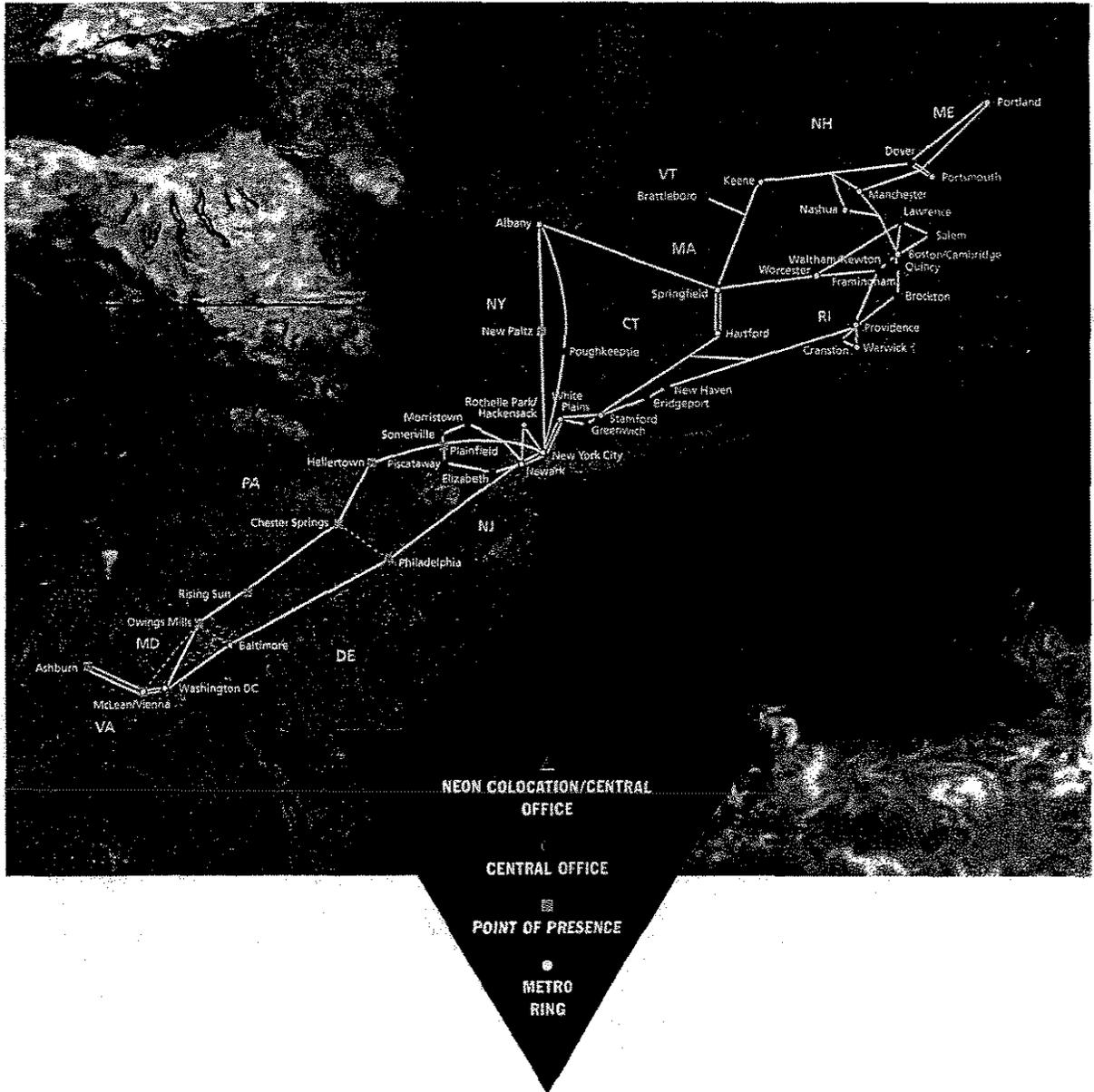
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## THE NEON FOOTPRINT





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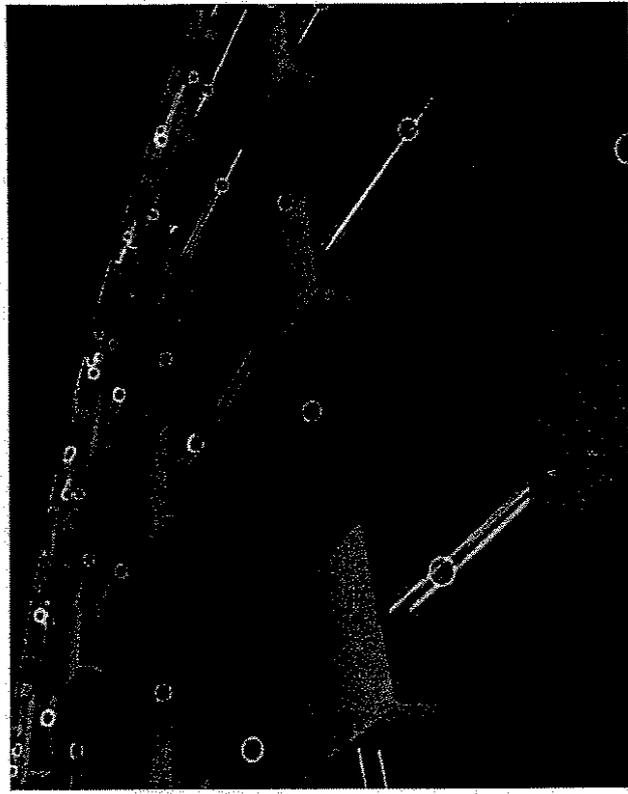
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14



NEON  
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SONET PRIVATE LINE SERVICE



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**NEON COMMUNICATIONS  
SONET PRIVATE LINE SERVICE**

NEON Communications offers a regional network supporting long-haul and metro SONET private lines. SONET private lines on NEON's network provide a highly reliable complete network solution for carriers and service providers. NEON's network connects Tier 1 cities over our Express long-haul network and also provides connectivity from key Tier 2 and 3 cities to Tier 1 cities. This regional connectivity combined with NEON's metro connectivity, connectivity to incumbent Local Exchange Carrier (ILEC) central offices, and key carrier hotels provides a capillary network for carriers and service providers to expand their footprint in order to reach all of their customers in the Northeast and mid-Atlantic region.

**LONG-HAUL  
SONET  
PRIVATE LINE**

NEON's Long-Haul Express SONET Private Line Service provides connectivity to major Tier 1 cities including Boston, New York, Philadelphia, Baltimore, and Washington, DC. The Express Service offers scalable, reliable, high bandwidth solutions throughout one of the most bandwidth intensive telecommunications markets in the world.

NEON's Long-Haul Regional SONET Private Line Service provides connectivity to Tier 2 and 3 cities throughout the Northeast and mid-Atlantic region.

NEON's network incorporates intercity, regional, and metropolitan ring architecture, providing significant reach and market coverage and high reliability throughout the network.

**METRO SONET  
PRIVATE LINE**

NEON's Metro SONET Private Line Service provides an efficient solution to access key carrier hotels, Internet peering and transit points, as well as the Public Switched Telephone Network (PSTN) in metropolitan areas. NEON has built metro networks in Tier 1 cities to deliver maximum capillary. NEON's metro capillary also includes suburban cities and towns as well as metro networks in select Tier 2 and 3 cities.

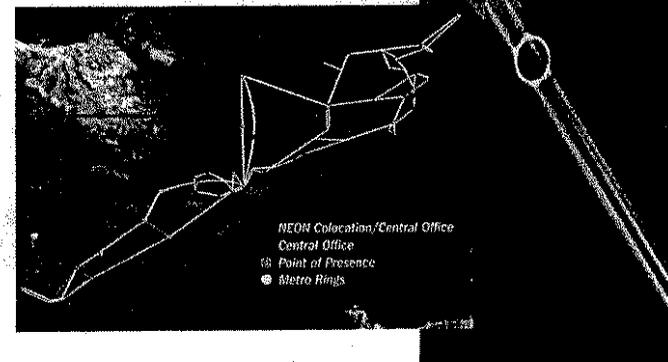
**FEATURES AND  
BENEFITS**

When you connect into NEON's network, you are connecting into the highest density, most valuable telecommunications market in the world, with extensive on-net long-haul, regional, and metro connectivity including key central offices, tandems, and carrier hotels.

- Flexible Bandwidth—DS-3, OC-3, OC-12, OC-48
- Dedicated OC-192 System Solution (4xOC-48 handoffs)
- Multi-Application Support—SONET supports all common networking requirements: circuit switched voice, Asynchronous Transfer Mode (ATM), frame relay, and Internet Protocol (IP)
- Reliable—Physically diverse, self healing, protected SONET architecture
- Survivable—Highest level of survivability
- Available—24x7x365 network surveillance

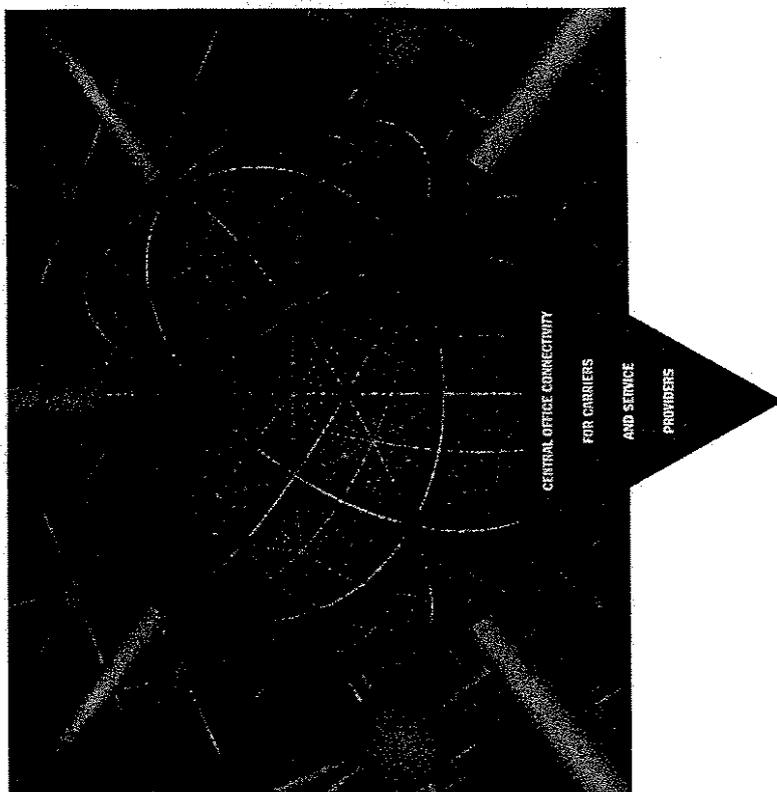
**SONET PRIVATE LINE  
SERVICE SPECIFICATIONS**

	Long-Haul	Metro
<b>Bandwidth</b>	DS-3—Dedicated OC-192	DS-3—Dedicated OC-192
<b>Protection</b>	Full SONET protection with route diverse ring architecture in most areas	Full SONET protection with route diverse ring architecture in most areas
<b>Network Technology</b>	Utilizes NEON's diverse state-of-the-art DWDM network	Utilizes NEON's diverse metro DWDM network and traditional metro fiber
<b>Availability</b>	Portland, ME—Washington, DC	Over 160 POPs including tandems, central offices, and carrier hotels from Portland, ME—Washington, DC
<b>Management</b>	24x7x365 monitoring and surveillance	24x7x365 monitoring and surveillance
<b>Protocol Support (Over SONET)</b>	Circuit switched voice, ATM, frame relay, IP, and video	Circuit switched voice, ATM, frame relay, IP, and video
<b>Protection Specifications</b>	<b>ON-NET</b>	<b>OFF-NET LOCAL LOOP</b>
Availability	99.999%	99.99%
Bit Error Rate	1x10 <sup>-6</sup>	1x10 <sup>-6</sup>
Error Free Seconds	1x10 <sup>6</sup>	1x10 <sup>6</sup>
Mean Time To Repair (MTTR)	3 Hours	4 Hours



 NEON  
COMMUNICATIONS

CENTRAL OFFICE ACCESS SERVICE



CENTRAL OFFICE CONNECTIVITY  
FOR CARRIERS  
AND SERVICE  
PROVIDERS



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**NEON COMMUNICATIONS**  
**CENTRAL OFFICE ACCESS SERVICE**

NEON's Central Office (CO) Access Service provides wholesale, high bandwidth SONET private line connectivity to key incumbent Local Exchange Carrier (ILEC) COs for carriers and service providers serving the enterprise market. SONET private lines can support multiple service types including voice, data, and Internet access. NEON offers SONET private line connectivity from OC-3 through OC-48 as well as electrical DS-3s.

Carriers can connect to NEON from their colocation within the CO or order ILEC services directly to the NEON presence in the CO at the DS-3 level and above for virtual colocation.

NEON's CO Access Service is ideal for carriers and service providers who want to:

- Aggregate CO traffic from their presence in the CO over NEON's fully protected SONET network

- Create a virtual presence in a CO by utilizing NEON's presence to aggregate traffic back to a central location/carrier hotel
- Cross Local Access and transport Area (LATA) boundaries with aggregated traffic via a single carrier

**BENEFITS**

How can you benefit from NEON's CO Access Service?

- **Market Reach:** Expand your market reach without having to colocate in every CO and market by utilizing NEON's presence and InterLATA backhaul capabilities. NEON has a dense footprint spanning from Maine to Washington, DC.
- **Capital Savings:** Instead of investing time and capital in expensive network infrastructure, you can utilize NEON's network infrastructure to build your

network. Customers can leverage NEON's state-of-the-art optical network as a low cost way to aggregate traffic from the CO and backhaul over NEON's regional or long-haul network.

- **Tandem Access:** NEON has established connectivity to many of the key ILEC tandems in each market.

- **Availability:** NEON's network is available today connecting to over 35 COs throughout the mid-Atlantic and Northeast.
- **Customer Support:** 24x7x365 network monitoring and trouble resolution.
- **Flexibility:** NEON can provide an end-to-end solution for DS-3 and above providing circuit provisioning and management. The demarcation can be at your end customer location or at a CO with you controlling last mile access.

**CURRENT  
CENTRAL OFFICES**

City	Address	City	Address
<b>Connecticut</b>			
Bridgeport	365 John	Elizabeth	1196 E. Grand
Greenwich	16 Sherwood	Hackensack	256 State
Hartford	111 Trumbull	Morristown	37 Maple
New Haven	400 State	Newark	95 William
Stamford	555 Main	Piscataway	4 Skiles
		Rochelle Park	75 W. Passaic
		Somerville	172 W. Main
<b>District of Columbia</b>			
Washington	30 E SW		
<b>Massachusetts</b>			
Boston	185 Franklin	Albany	158 State
Boston	41 Belvidere	Manhattan	104 Broad
Boston	6 Bowdoin	Manhattan	1095 Ave of Americas*
Boston	8 Harrison	Manhattan	140 West*
Brockton	180 Court	Manhattan	204 2nd*
Brockton	65 Crescent	Manhattan	208 E. 79th*
Cambridge	10 Ware	Manhattan	210 W. 18th*
Cambridge	210 Bent	Manhattan	221 E. 37th
Framingham	141 Union	Manhattan	227 E. 30th*
Lawrence	425 Canal	Manhattan	228 E. 56th*
Newton	787 Washington	Manhattan	230 W. 36th*
Quincy	1070 Hancock	Manhattan	435 W. 50th
Salem	35 Norman	Manhattan	33 Thomas/ 323 Broadway*
Springfield	295 Worthington	Poughkeepsie	20 S. Hamilton
Waltham	106 West	Spackenkill	15 Stuart
Worcester	15 Chestnut	Wappingers Falls	10 South
		White Plains	111 Main
<b>Maryland</b>			
Baltimore	323 N. Charles		
<b>Maine</b>			
Portland	45 Forest		
<b>New Hampshire</b>			
Dover	57 Thomas		
Keene	64 Washington		
Manchester	25 Concord		
Nashua	124 W. Pearl		
Portsmouth	56 Islington		
<b>New Jersey</b>			
<b>New York</b>			
<b>Rhode Island</b>			
		Cranston	56 Phenix
		Providence	1096 Broad
		Providence	234 Washington
		Warwick	2557 W. Shore
<b>Vermont</b>			
		Brattleboro	213 Main

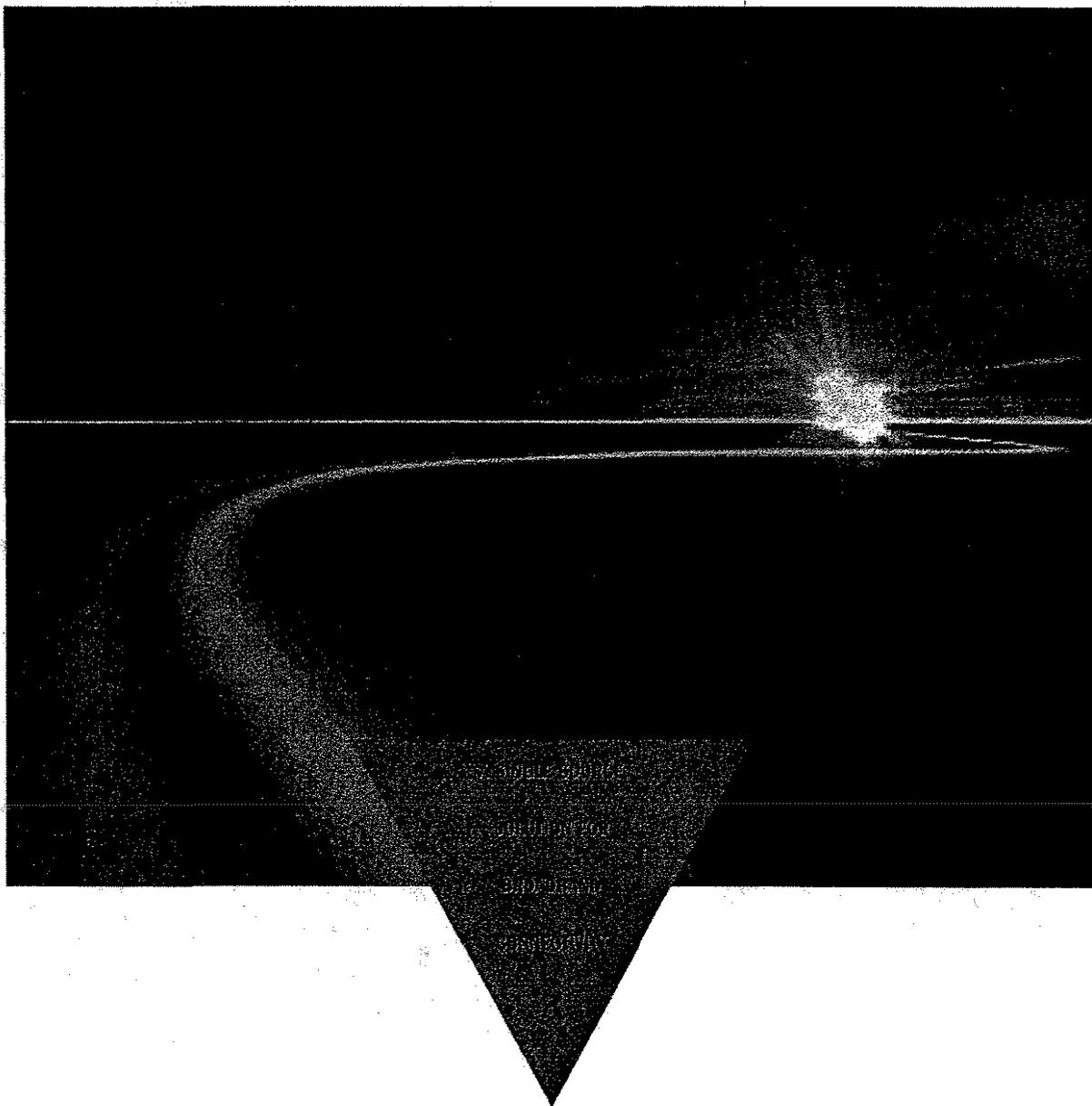
\*Planned expansion





NEON  
COMMUNICATIONS

WAVELENGTH SERVICE



# NEON COMMUNICATIONS WAVELENGTH SERVICE

NEON Communications' innovative Wavelength Service provides a flexible and scalable high capacity transport solution with the benefits of competitive costs, improved speed to market, and enhanced network control. NEON's Wavelength Service is a "virtual fiber" service, providing transponder-based 2.5 Gbps and 10 Gbps optical wavelength capacity. NEON's Wavelength Service can be configured as either a protected or unprotected wavelength. The Wavelength Service can be used in applications such as supporting layer two and three data networks, or, alternatively, providing route diversity or ring closure for layer one SONET networks.

NEON offers two types of Wavelength Service to address both the long-haul and metro markets:

### Express Service

NEON's Express Service provides long-haul 2.5 Gbps or 10 Gbps Wavelength Service among NEON's Tier 1 city colocation Points of Presence (POPs). Express Service provides connections between Boston, New York City, Philadelphia, and Washington, DC.

### Metro Service

NEON's Metro Service connects NEON's colocation POPs to other NEON POPs within a metro region. Metro Service is a

point-to-point solution with options for protected and unprotected connectivity to POPs on the NEON network. Metro Service provides for 2.5 Gbps and 10 Gbps wavelengths.

NEON's Wavelength Service allows customers to lease individual wavelengths as a secure, private resource for an alternative to capital intensive and resource intensive dark fiber builds.

NEON's Wavelength Service uses Dense Wave Division Multiplexing (DWDM) technology and involves unique wavelength optical signals that are multiplexed and transmitted over a single fiber. At the receiver end, the composite signal is de-multiplexed and the individual unique signals are recovered. An optical channel consists of two wavelengths to deliver bi-directional communications.

Transponders at end locations are connected directly to NEON's DWDM optical layer and provide a non-proprietary, open interface to customer network elements, thereby achieving virtual fiber connectivity between the customer's elements.



● Wavelength POPs

**FEATURES AND BENEFITS**

- Scalable—Long term access to scalable, high bandwidth capacity as needs expand; 2.5 Gbps & 10 Gbps
- Easy to Deploy—Dark fiber features with the ease of a lit service
- Cost Effective—Bulk point-to-point bandwidth at competitive rates
- Reduces network management requirements and resources
- Customizable to Meet your Business Objectives—Available in both protected and unprotected configurations
- Diverse Routes—Available to improve customer network reliability and survivability
- Close your SONET rings with clear channel capacity
- Supports Multiple Protocols—Seamless support for your IP, ATM, frame relay, and circuit switched voice services
- 24x7x365 network surveillance

**WAVELENGTH TECHNICAL SPECIFICATIONS**

	Express	Metro
<b>Bandwidth</b>	2.5 Gbps (OC-48) 10 Gbps (OC-192)	2.5 Gbps (OC-48) 10 Gbps (OC-192)
<b>Protocol Independent</b>	Open interfaces support all major transport protocols: ATM, SONET, IP, etc.	Open interfaces support all major transport protocols: ATM, SONET, IP, etc.
<b>Handoff Optical Reach (fiber dependant)</b>	2.5 Gbps 30 miles 10 Gbps 20 miles	2.5 Gbps 15 miles 10 Gbps 1CB
<b>Optional Route Diversity</b>	Yes	Yes
<b>Optional Optical Protection of Diverse Routes</b>	Yes	Yes
<b>Availability</b>	Boston, MA New York, NY Philadelphia, PA Washington, DC	Boston, MA Worcester, MA Springfield, MA Providence, RI Manchester, NH Hartford, CT Portland, ME New York, NY White Plains, NY Newark, NJ Philadelphia, PA Baltimore, MD Washington, DC
<b>Protection Specifications</b>	<b>Point-to-Point</b>	<b>Optically Protected Route Diverse</b>
<b>Availability</b>	99.9%	99.99%
<b>Bit Error Rate</b>	1x10 <sup>9</sup>	1x10 <sup>9</sup>
<b>Error Free Seconds</b>	99.9%	99.9%
<b>Mean Time To Repair (MTTR)</b>	8 hours	3 hours



NEON COMMUNICATIONS, INC.

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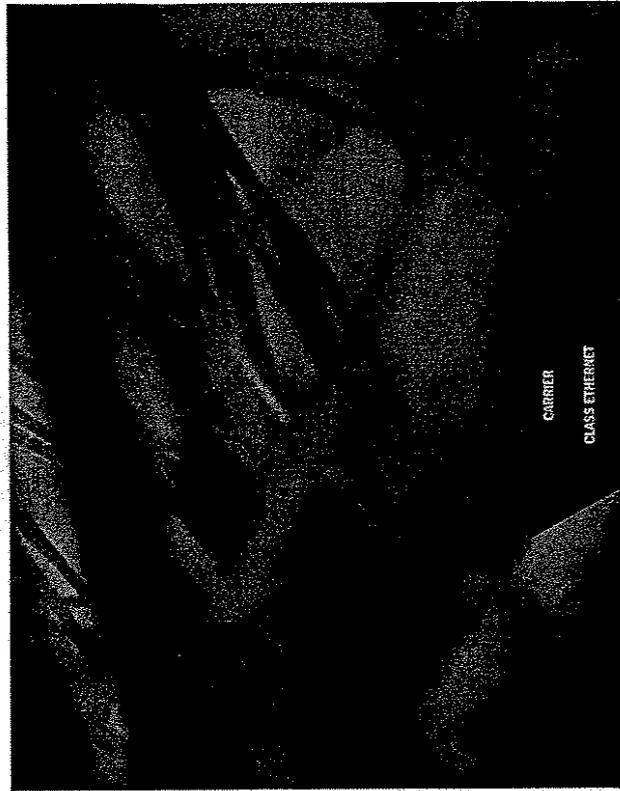
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9/03



NEON  
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ETHERNET PRIVATE LINE SERVICE



CARRIER  
CLASS ETHERNET  
TRANSPORT  
SERVICES



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**NEON COMMUNICATIONS**  
**ETHERNET PRIVATE LINE SERVICE**

NEON offers carrier class Ethernet transport services to meet the varying connectivity needs of carriers, ISPs, and large scale enterprise networks.

NEON's Ethernet Private Line Service offers dedicated, point-to-point connectivity at Fast Ethernet (50 Mbps or 100 Mbps) as well as Gigabit Ethernet (600 Mbps or 1000 Mbps). Ethernet can be used to support applications such as LAN-to-LAN connectivity, storage area networking, Internet access, or disaster recovery solutions.

To meet the needs of its customers, NEON has designed the service so that it can be provisioned over a single path or, for added reliability, over a diverse path.

Ethernet Private Line Service is available at most of NEON's locations in both metro and long-haul configurations.

**CONNECTION MODEL**

Fast Ethernet handoffs will be provided via copper 100BaseTx interface over category 5 twisted pair cable (Cat 5). Gigabit Ethernet handoffs will be provided via 1000BaseLX.

**SERVICE LEVEL AGREEMENT**

Offered via On-Net Service

- Network Availability
  - Diverse Path:
    - ≥ 99.99% measured annually
  - Single Path:
    - ≥ 99.9% measured annually
- Throughput
  - Fast Ethernet: 100% (45 Mbps and 100 Mbps)
  - Gigabit Ethernet: 100% (600 Mbps and 1000 Mbps)
- Mean Time to Repair: 4 hours

*Note: The demarcation point for evaluating performance is the NEON Ethernet port and does not include any media converters or connections beyond the Ethernet port.*

**FEATURES, ADVANTAGES, AND BENEFITS**

- Ease of Use: NEON Ethernet Private Line Service eliminates the need for additional WAN protocol layers
- Cost Savings: Ethernet equipment interfaces are lower cost equipment interfaces
- Reliable: Carrier grade 99.99% availability (over a diverse path) and 50 ms recovery
- Scalable: Fast Ethernet from 50 Mbps to 100 Mbps and Gigabit Ethernet from 600 Mbps to 1000 Mbps
- Flexible: The service can be designed to utilize a single path or diverse path
- Dedicated Path: Ensuring private line security

**TECHNICAL SPECIFICATIONS**

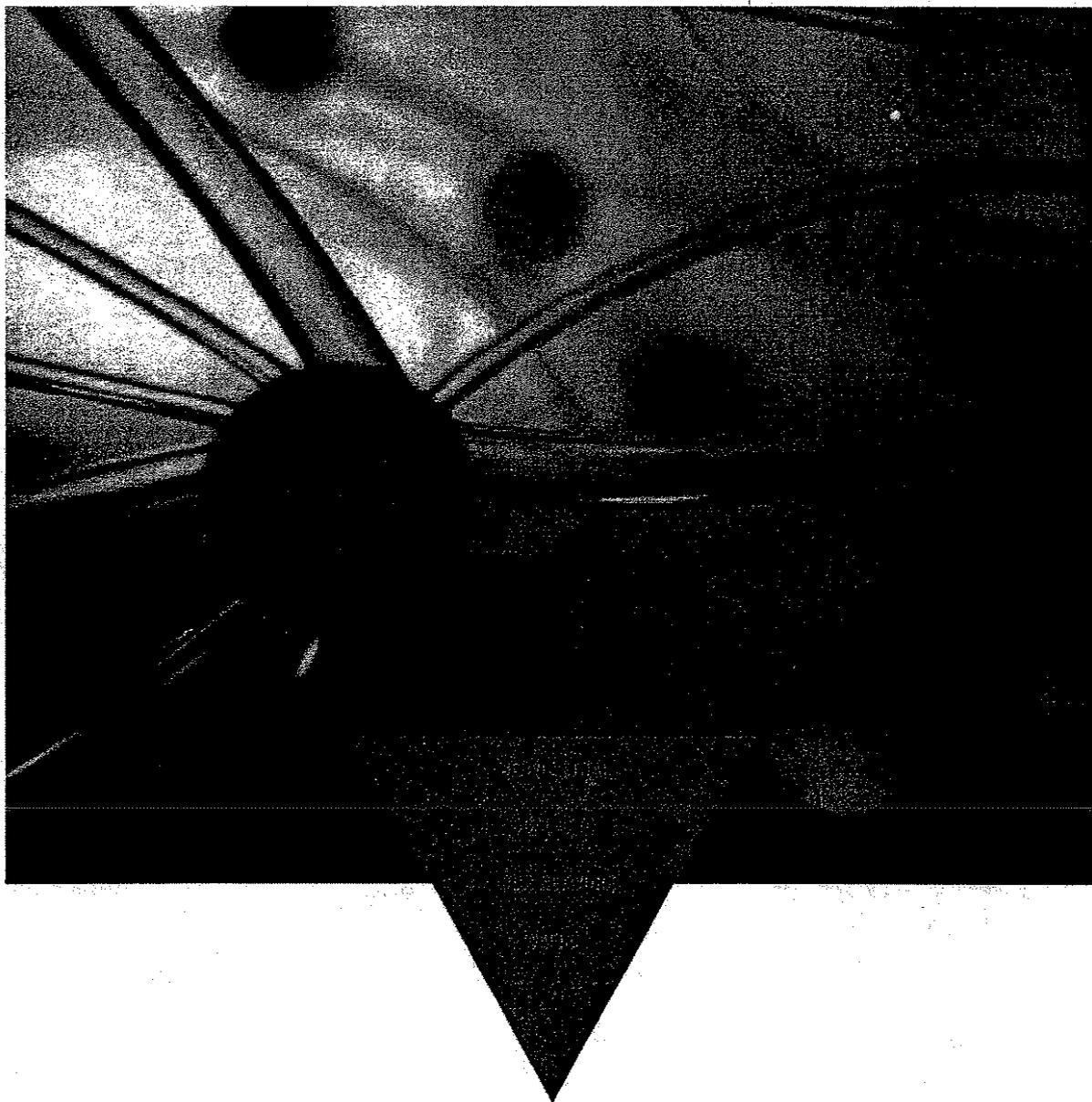
	Fast Ethernet	Gigabit Ethernet
<b>Network Technology</b>	Fast Ethernet over NEON's state-of-the-art SONET network	Gigabit Ethernet over NEON's state-of-the-art SONET or DWDM optical network
<b>Throughput</b>	50/100 Mbps	600/1000 Mbps
<b>Handoffs</b>	Category 5, RJ-45	Single mode fiber
<b>Protection</b>	Unprotected handoff with full SONET protection on the NEON network	Unprotected handoff. Can be designed as single path or diverse path over a SONET or wavelength infrastructure
<b>Network Management</b>	24x7x365 monitoring and surveillance	24x7x365 monitoring and surveillance
<b>Network Options</b>	Long-haul and metro configurations	Long-haul and metro configurations
<b>Availability</b>	Most on-net locations throughout the NEON network	Most on-net locations throughout the NEON network

24



NEON  
COMMUNICATIONS

SONET VIRTUAL PRIVATE NETWORK SERVICE





## NEON COMMUNICATIONS SONET VIRTUAL PRIVATE NETWORK SERVICE

NEON's SONET Virtual Private Network (VPN) Service combines the reliability and availability associated with dedicated SONET rings with the ease of ordering individual circuits to provide you with a service that scales with your network needs and enhances your bottom line.

NEON's SONET VPN Service is available in two arrangements, Hubbed and Any-to-Any Connectivity. Both arrangements provide either an OC-48 or OC-12 virtual SONET ring connecting a predetermined set of locations. Once the service is established, any combination of DS-3s through OC-12s can be added up to the total capacity of the network. Provisioned over multiple, shared SONET rings, the service is fully protected with SONET reliability.

SONET VPN Service is a flexible offering that takes the guesswork out of network planning. Carriers can quickly add incremental bandwidth as demand materializes. It also offers a "pay as you grow" financial model that minimizes your up-front costs and better matches revenue to expenses.

NEON's SONET VPN Service is ideal for carriers and service providers who:

- Have known locations that need bandwidth but do not know the exact amount required between locations
- Need to rapidly turn up additional bandwidth
- Need the reliability and availability associated with a dedicated SONET ring, but want to minimize cost and maintain flexibility

### BENEFITS

- **Flexible**—With SONET VPN, carriers don't need to know the exact service mix up front. They can add bandwidth where they need it and as they need it.
- **Cost Effective**—With a low up-front cost and a "pay as you grow" model, SONET VPN enables carriers to better match revenue to expenses. It also allows carriers to avoid the cost and trouble associated with building dedicated SONET rings.
- **Speeds Time to Market**—Rapid circuit turn up ensures that carriers have the bandwidth available when they need it, guaranteed.

- **Reliable**—24x7x365 network monitoring and technical support.
- **Available**—NEON's network is available today spanning from Maine to Washington, DC. SONET VPN is available at specific locations throughout the NEON network. Contact your Account Manager for a list of buildings included in this service offering.

### Provisioning

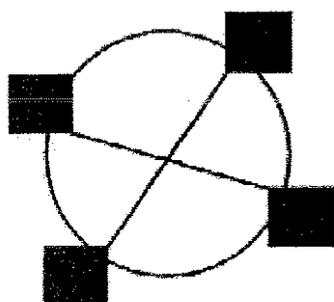
Once the SONET VPN Service is established, provisioning new circuits will occur within 5 business days, guaranteed. (See Service Level Agreement (SLA) for additional details)

### Provisioning SLA

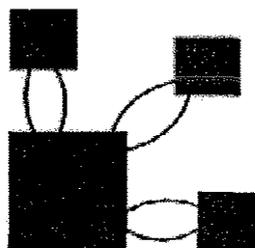
The standard provisioning interval to turn up a new circuit will be 5 business days, guaranteed. Customers will receive a credit equal to 5 days of free service on that circuit for each day that the circuit is late, up to a maximum of 60 days of free service.

### SONET VPN SPECIFICATIONS

	OC-12	OC-48
<b>Maximum # of STS-1s</b>	12	48
<b>Bandwidth Supported</b>	DS-3, OC-3	DS-3, OC-3, OC-12
<b>Performance Management</b>	24x7x365 monitoring	24x7x365 monitoring
<b>Restoration Interval</b>	50 msec	50 msec
<b>Reliability</b>	99.999%	99.999%
<b>Standards Compliance</b>	Telecordia GR-253 Core	Telecordia GR-253 Core



**Any-to-Any Connectivity Arrangement**



**Hubbed Arrangement**





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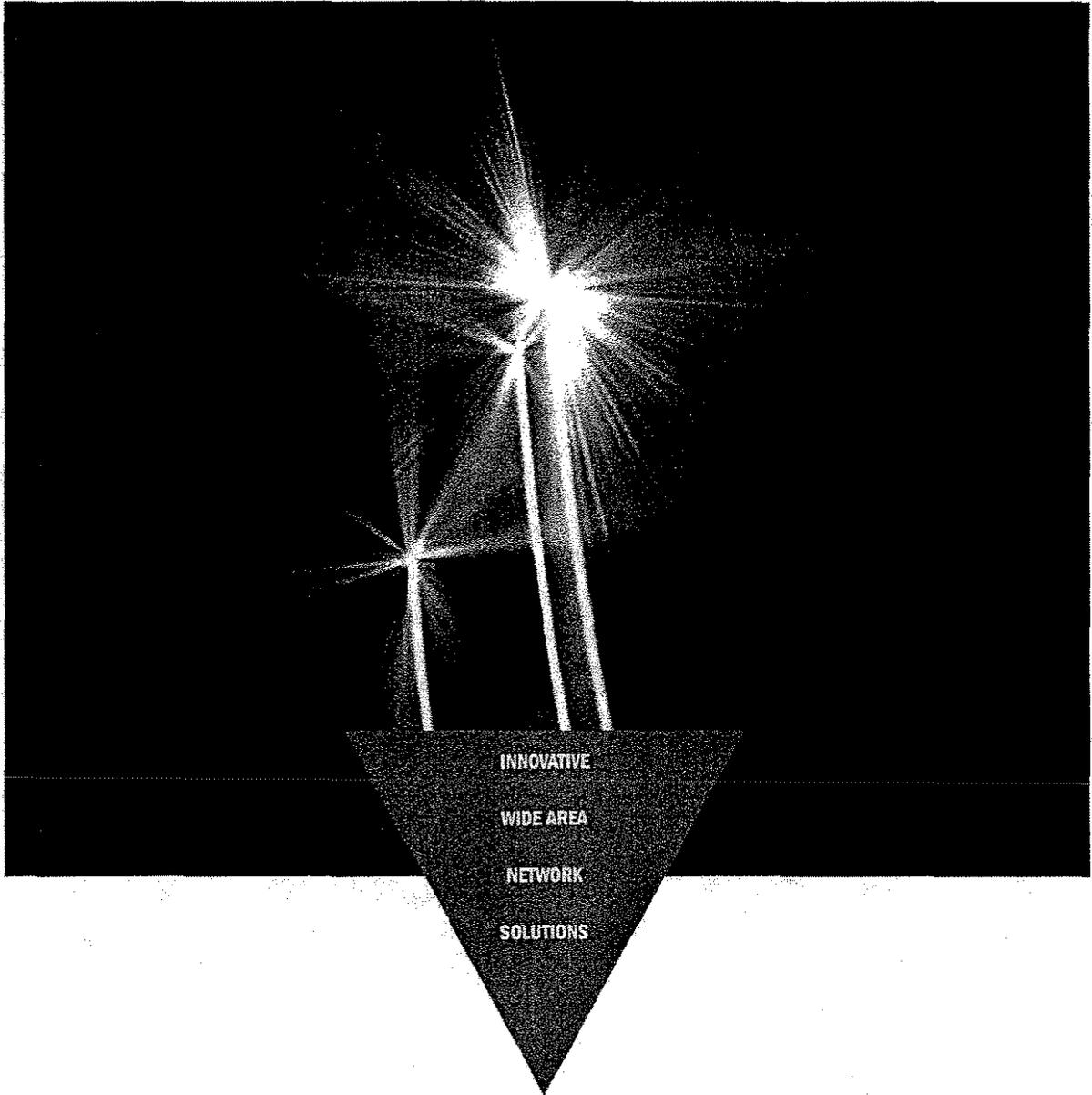
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2/02



**NEON  
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**CUSTOM PRIVATE OPTICAL NETWORK SOLUTIONS**





## NEON COMMUNICATIONS

### CUSTOM PRIVATE OPTICAL NETWORK SOLUTIONS

#### SERVICE OVERVIEW

Networking requirements have become more complex as multiple protocols and applications need to be supported across a wide area network. Standardized, off-the-shelf service offerings from the local phone company no longer meet the needs of many carriers and businesses. Often what they need is a network designed and built to support their specific networking requirements. However, the time and costs associated with building a private network, along with the level of specialized knowledge and expertise required to undertake this endeavor, make it unfeasible for most companies even to consider. If you are faced with this situation, NEON can offer your company an innovative way to get the specific optical networking solutions needed to achieve your business objectives.

#### DESIGN

NEON will work with your team to gain an understanding of your networking requirements. NEON will then move into the design phase, which includes

establishing the physical routes the network will take, determining the SONET and optical layer design, as well as specifying the equipment configuration. NEON will deliver a comprehensive plan which includes detailed configurations for each site, fiber maps, time lines, and cost estimates.

#### BUILD

NEON will assign a Project Manager to oversee the construction of your network. This individual will be your single point of contact working to coordinate the efforts of the various groups involved in the project and to ensure that it stays on track. Also during this phase, NEON will secure the elements required to implement the design, which could include negotiating rights-of-way, leasing space, and procuring equipment.

#### MAINTAIN

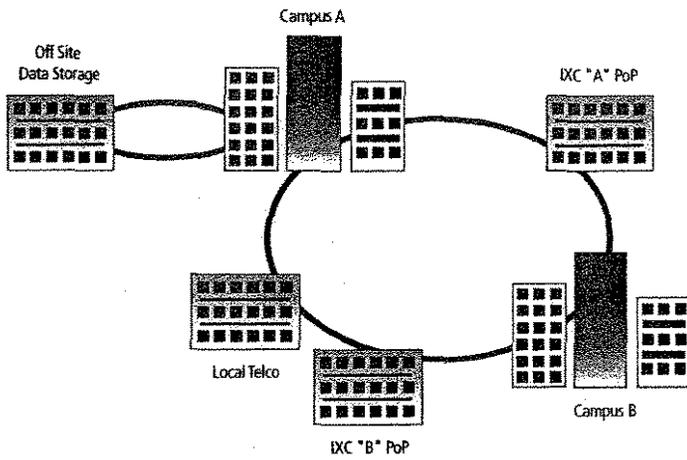
Once your network is built, NEON offers a full suite of managed services, including the monitoring of the SONET and optical layers to ensure that the network performs at the high level your business demands.

#### FEATURES AND BENEFITS

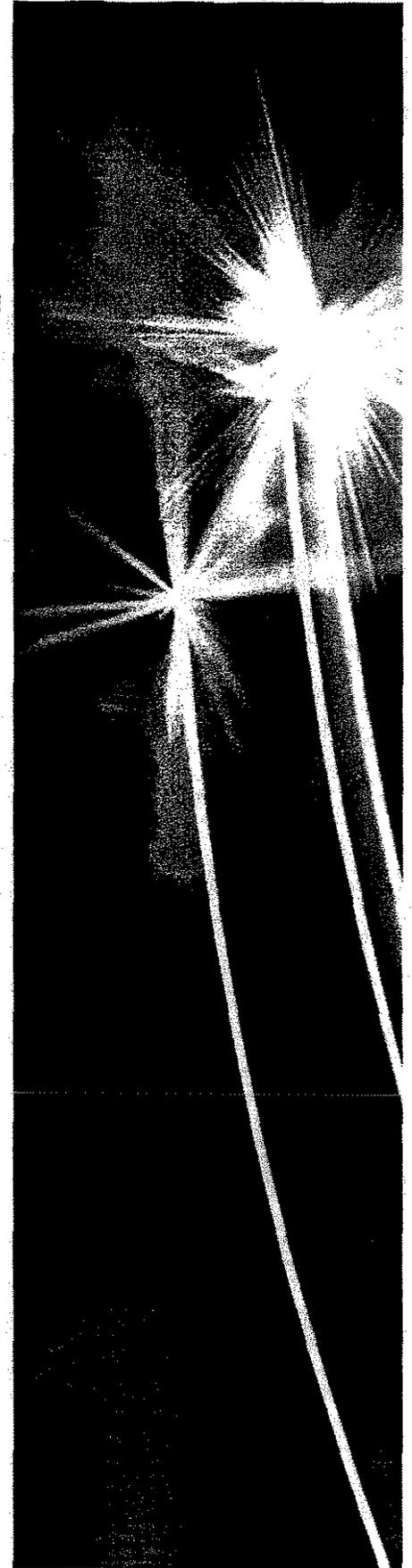
- *Experienced* - Leverage the knowledge of our skilled team of communications professionals. NEON designed and built its network from the ground up and can do the same for your company. You will be dealing with a team that knows the local market and knows how to complete projects on time and on budget.
- *Established* - NEON is a well established regional carrier which provides services to some of the largest carriers and businesses along the East Coast.
- *Carrier Neutral* - NEON has connectivity to most major carriers and Tier 1 ISPs throughout its region so you can be assured that NEON can connect you to the carrier of your choice.
- *Cost Effective* - NEON saves you the time and expense associated with building your own network or acquiring it from the local phone company.
- *Unique Rights-of-Way (ROW)* - NEON's use of electric utility ROWs enables it to offer an unparalleled level of diversity.
- *Turnkey Solution* - NEON manages your project from the design phase all the way through to the maintenance of the network.

**AVAILABILITY**

NEON offers Custom Private Optical Network Solutions on an individual case basis. The foundation for any solution can either be at the SONET or DWDM layer. NEON can support multiple protocols such as Fast Ethernet, Gigabit Ethernet, ATM, as well as storage protocols such as Fibre Channel.



In this example, NEON was able not only to provide a network that connected the customer's campuses and off-site data storage, but also connected them to multiple carriers. This allowed the customer to choose which carrier they wanted to purchase services from, on an application-by-application basis.



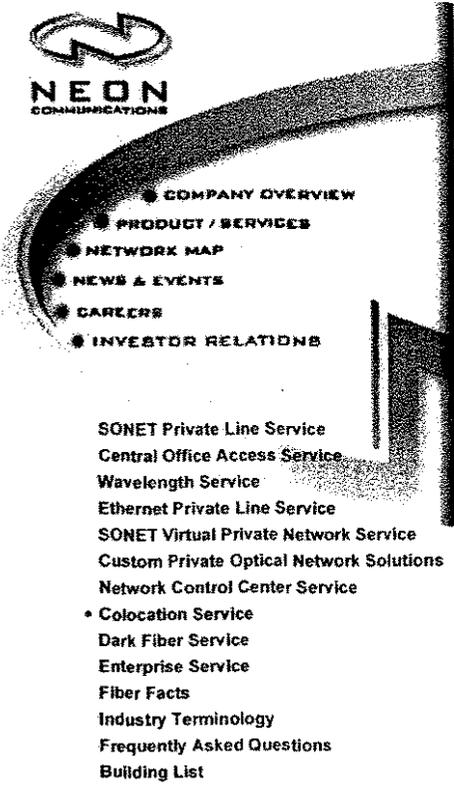


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31



## Colocation Service

Colocation Service.pdf

NEON's Colocation Service provides secure, state-of-the-art colocation centers strategically located to facilitate high bandwidth connectivity to the NEON network, carrier hotels, local switch offices, and numerous service providers.

Locating your equipment in NEON's colocation centers ensures fast provisioning without expensive and time-consuming buildouts. We take care to house your equipment in a fully monitored facility that provides secure and reliable high bandwidth access to NEON's network.

NEON offers Colocation Service in 20 facilities located throughout the Northeast and mid-Atlantic states. Our colocation centers offer state-of-the-art, secure, carrier class, conditioned space supporting power ready racks, cabinets, and bulk space.

### Features and Benefits

- **Valuable Locations** – NEON's colocation centers are strategically located in key downtown metropolitan areas within close proximity to all major carrier and Internet facilities, ensuring easy connectivity to the highest value communications markets in the United States.
- **Highest Connectivity** – NEON's colocation centers have full connectivity to NEON's metropolitan loops and backbone network, providing connectivity to central offices, long distance carriers, carrier hotels, and Internet network access points.
- **Scalable Bandwidth** – NEON's metro and long-haul optical network is ready to provide high capacity, scalable SONET bandwidth in increments of DS-3, OC-3, OC-12, and OC-48, and managed wavelengths in both 2.5 Gbps and 10 Gbps. Ethernet Private Line transport services with point-to-point connections at either 50 Mbps or 100 Mbps are also available. NEON utilizes dense wave division multiplexing in both metro and long-haul networks to ensure availability and scalability.
- **Available** – NEON's colocation centers are built and fully equipped with all systems including racks, AC/DC power, HVAC, backup generators and batteries, and full NEON network connectivity.
- **Unparalleled Security and Reliability** – NEON's colocation centers employ the latest in controlled access systems and security, ensuring the highest level of security. Reliability is designed into the facilities with 24x7x 365 surveillance, fully redundant systems, and local field technicians, ensuring carrier class facilities.

### Colocation Service Specifications

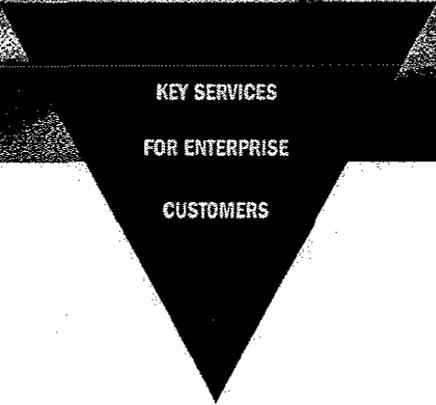
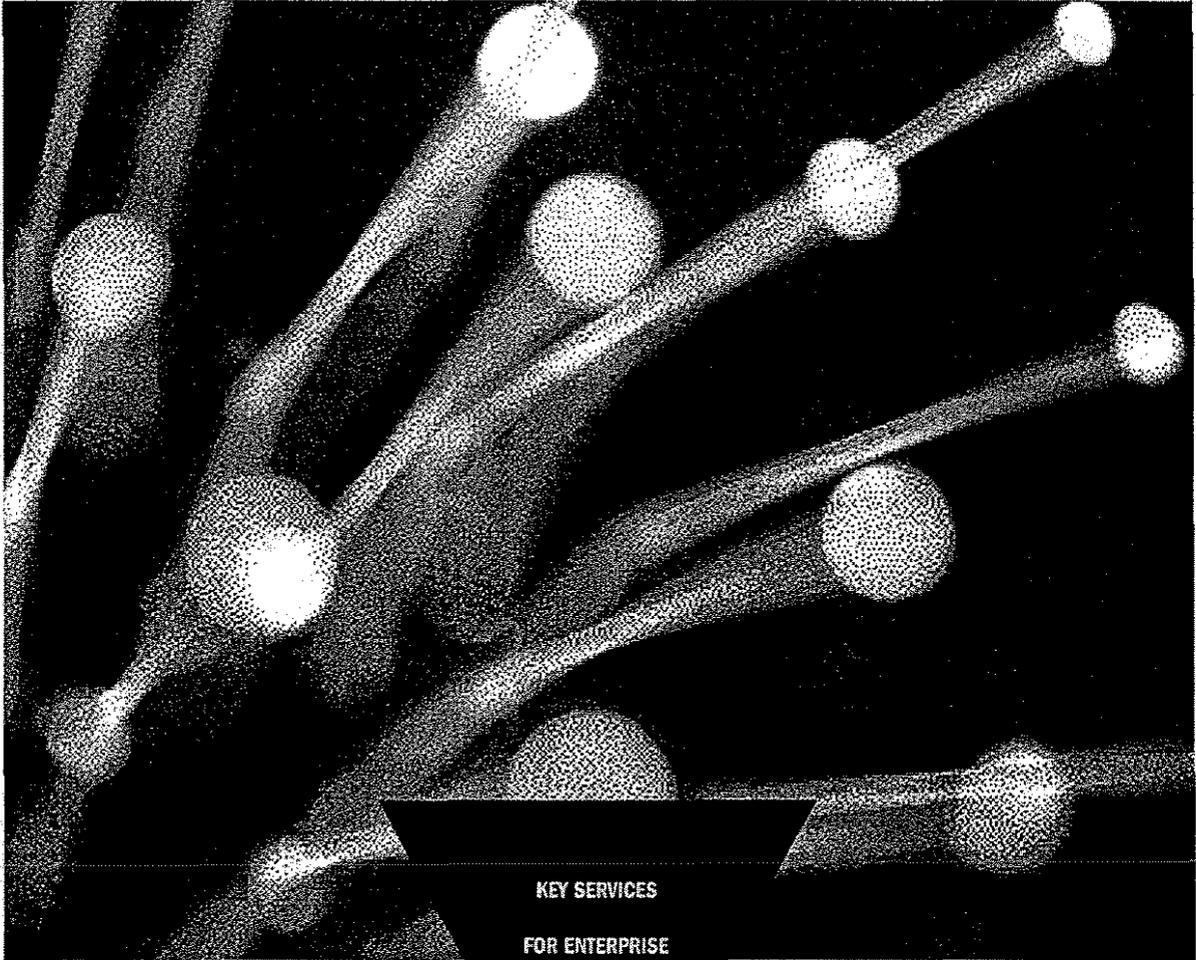
Racks	Standard 23x84
Cabinets	Standard 23x36x84
Floor Space Range	600-10,000 Sq. Ft.
Power DC	15 Amps/30 Amps/60 Amps
Power AC	120V Convenience Outlets
Backup Generators	72 Hour Min. Run Time Diesel Generators
Battery Backup DC	4 Hour Min.
Grounding	Separate Equipment and Building Grounds
Cooling Systems	Fully Redundant HVAC
Building Fiber Entry	Dual Diverse Fiber
Access to Facility	24x7
Remote Monitoring	NEON NCC
Availability	Boston, MA (multiple sites) Chester Springs, PA Hartford, CT Hellertown, PA Manchester, NH Nashua, NH New York, NY Owings Mills, MD Plainfield, NJ Portland, ME Portsmouth, NH Providence, RI Rising Sun, MD Springfield, MA Stamford, CT Washington, DC White Plains, NY Worcester, MA

[Back to Product Listing](#)



# NEON COMMUNICATIONS

ENTERPRISE SERVICES



KEY SERVICES  
FOR ENTERPRISE  
CUSTOMERS



## NEON COMMUNICATIONS ENTERPRISE SERVICES

NEON Communications, Inc. is a facilities-based wholesale communications provider, supplying comprehensive end-to-end telecom services to communications companies and enterprise customers in the 12-state Northeast and mid-Atlantic region. NEON provides SONET and DWDM services to a wide range of enterprise accounts and communications carriers including ILECs, CLECs, ISPs, IXCs, and wireless.

NEON takes you where you want to go with complete and affordable end-to-end service. From start to finish, we focus on delivering the highest level of customer service, including speed and ease of provisioning, full service project management, custom designed solutions, 24x7x365 support and flexible billing options. NEON owns and operates the network as a facilities-based provider of colocation, regeneration and amplifier facilities, not as a services reseller. Major telecommunications providers lease services from NEON, and in turn, resell to their end-users.

Unlike our competitors, our bandwidth extends to cities and towns beyond the "first tier" markets of Boston, New York, and Washington, DC. Our "second tier" markets provide access to such cities as Portland, Portsmouth, Manchester, Springfield, Worcester, Providence, and Hartford.

The NEON network consists of 2,500 route miles (over 100,000 fiber miles) from Portland, Maine to Washington, DC; including connectivity to over 100 POPs (central offices, carrier hotels, IXC POPs, etc.). The NEON rights-of-way include electric utility conduits and public carrier-based facilities, providing geographic diversity throughout the footprint and from other carriers.

NEON uses physically diverse metro rings and redundant equipment in major service areas. The network technology is based on SONET rings at 10 Gbps (OC-192) and DWDM waves at 160 Gbps (16 waves @ 10 Gbps each). The SONET technology provides enterprise customer hand-offs at speeds up to 2.5 Gbps (OC-48) in a diverse ring architecture. DWDM technology supports protected and unprotected wavelengths of 2.5 Gbps and 10 Gbps.

### KEY NEON ENTERPRISE SERVICES

- **SONET Private Line**—Physically diverse, looped SONET services at bandwidth levels including DS-3, OC-3, OC-12, and OC-48.
- **Lambda (DWDM)**—Flexible and scalable high capacity transport at 2.5 Gbps and 10 Gbps, configured as either protected or unprotected wavelengths.
- **Ethernet**—Dedicated service provides point-to-point Ethernet connections at either 50 Mbps or 100 Mbps.
- **Custom Private Optical Network Solutions**—On your behalf, NEON can design, build, and manage your network. NEON supports multiple protocols such as Fast Ethernet, Gigabit Ethernet, ATM, as well as storage protocols such as Fibre Channel.
- **Central Office Access**—Connections to major carriers throughout the NEON footprint over NEON's fully protected SONET network.
- **Colocation**—Secure, carrier class conditioned, and power ready space, racks and cabinets strategically located to facilitate high bandwidth connectivity to other POPs, carrier hotels, local switch offices and numerous service providers.
- **NCC Services**—Includes monitoring of circuit and node status, alarming when performance falls outside established thresholds, and producing management reports.
- **Muxing**—Aggregate local DS-1 traffic and backhaul it, via DS-3s, to your desired location.

## ADVANTAGES AND BENEFITS

- Utilizing the NEON network can enable you to reduce operating expenses
- Optical management and infrastructure expertise assures that you implement a network that not only meets your needs today, but tomorrow as well
- NEON builds, integrates, and manages optical networks at the carrier level meeting the same level of service provided to the nation's largest telecommunications companies
- One point of contact for all network needs
- Quarterly customer service meetings to review network performance and assure your total satisfaction
- Our monitoring capabilities allow you to view your own network
- Ability to upgrade technologies and services as they are introduced into the market without making the capital investment required in the past
- Monthly budget fixed and managed by you
- Enterprise customers can focus on their core competencies while NEON focuses on its core competency—designing, building, and maintaining complex networks
- Our use of electric utility rights-of-way enables us to offer an unparalleled level of diversity
- NEON strives for a win/win relationship with its customers

NEON Communications is a regional, facilities-based network services provider in the 12-state Northeast and mid-Atlantic region offering alternative access services including: True Diversity (through unique rights-of-way); SONET Services (DS-3; OC-n); Metro Ethernet (GigE; Fast Ethernet); DWDM; Connections to IXCs/ISPs; Long-haul; Private Networks; Colocation; Custom Applications; Disaster Recovery (Hot Site Connectivity; Remote Storage Connectivity; CO Diversity); Managed Services (NCC Services); and Local Access (3:1 Muxing).

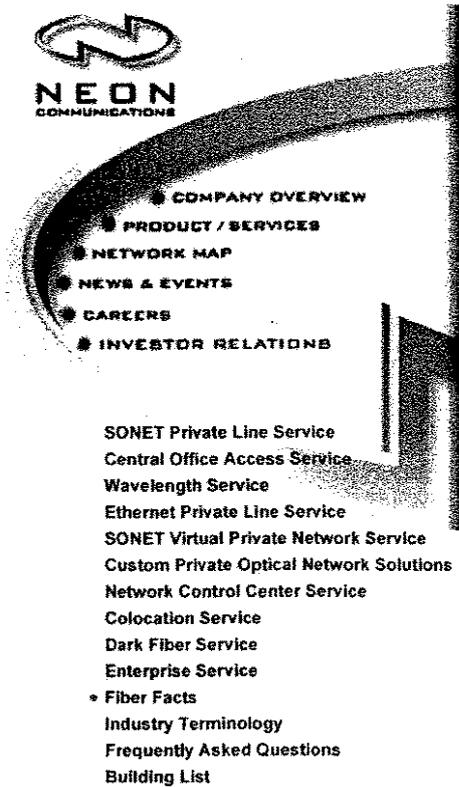




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## Fiber Facts

### High Bandwidth

The bandwidth of a single-mode fiber far surpasses the capabilities of today's network electronics. The information-carrying capacity of the fiber is essentially infinite. Not only can the fiber support speeds of tens of gigabits per second, it can carry many gigabit channels simultaneously.

The amount of data that can be transmitted over fiber is limited only by the electronic equipment at each end of the cable. As advances are made, NEON Communications' network is scalable and will support these new transmission standards.

### High Strength

An optical fiber has greater tensile strength than copper or steel fibers of the same diameter. It is flexible, bends easily, and resists most corrosive elements that attack copper cable. Optical cables can withstand pulling forces of more than 150 pounds - about six times that recommended for Category 5 cable

### Incredible Capacity

One pair of fiber optic strands can modestly transmit 10 gigabits of data per second or the equivalent of approximately 129,000 simultaneous telephone conversations.

DWDM (Dense Wave Division Multiplexing) applications allow multiples of this capacity to be transmitted over a single pair of fibers.



**NEON**  
COMMUNICATIONS

**Building List**

**2004**

## NEON Communications Building List

State	City	Address	Zip	Count	Building Name	Count	Phone	Service	Access Point	Carrier	Status	Year	Notes	ICB1	ICB2	ICB3	ICB4	ICB5	ICB6	ICB7	ICB8	ICB9	ICB10
CT	Bridgeport	555 State St	06604	4	BRPTCTEXH02	1	203-335	Node			Existing	920	Now		X	X	X	X	X				
CT	Bridgeport	365 John St	06604	3	BRPTCT01HB1	Cage	203-334	CO		SNET	Existing	920	Now		X	X	X	X	X				
CT	Greenwich	16 Sherwood Pl	06530	4	GNWCCTGNHAI	CATT	203-822	CO		VZ	Existing	132	Now		ICB	ICB	ICB	ICB	ICB				ICB
CT	Hartford	111 Trumbull St	06103	4	HRFRCT03WP6	Cage	860-246	CO - Tandem		SNET	Existing	920	Now		X	X	X	X	X				
CT	Hartford	185 Asylum St	06103	4	HRFRCTBCH00	FTP	203-202	Node			Existing	920	Now		X	X	X	X	X				
CT	Hartford	10 Columbus St	06103	4	HRFRCT	FTP	203-202	Access Point			Existing	920	Now			ICB	X	X	X	X			
CT	Hartford	1 Gold St	06103	4	HRFRCT22H10	1	203-202	Node		MCI	Existing	920	Now		X	X	X	X	X				
CT	Hartford	153 Market St/980 Main St	06103	3	HRFRCTBCH00	3	860-246	Gateway - T2		SNET	Existing	920	Now		X	X	X	X	X				ICB
CT	Hartford	300 Windsor St	06103	4	HRFRCTBCH01		860-246	Access Point		WITel	Existing	920	Now			ICB	X	X	X				
CT	Hartford	1 Talcot St	06103	4	HRFRCTCNCNB	4	860-248	Node		CT Telephone	Existing	920	Now			BTS	X	X					
CT	New Haven	400 State St	06510	4	NWHNCT03HC1	Cage	203-777	CO		SNET,SBC	Existing	920	Now		X	X	X	X	X				
CT	New London	3 Shaw St	06320	4	NWLNCT03H00	1	860-437	Access Point			Existing	920	Now			ICB	X	X	X				
CT	Stamford	114 Stillwater Ave	06901	4	SMFRCT0IH02	1	203-324	Access Point			Existing	920	Now			ICB	X	X	X				
CT	Stamford	565 Main St	06901	4	SMFRCT01HB1	Cage	203-324	CO		SNET	Existing	920	Now		X	X	X	X	X				
CT	Stamford	21 Harbor View St	06901	4	SMFRCT	1	203-324	Access Point		L-3	Existing	920	Now			ICB	X	X	X	X			
CT	Stamford	5 Landmark Sq	06901	3	SMFRCTMLH00	1	203-324	Gateway - T2			Existing	920	Now		X	X	X	X	X				
CT	Stamford	86 Viaduct St	06901	4	SMFRCTMLH01	1	203-324	Access Point		WITel	Existing	920	Now			ICB	X	X	X				
CT	Waterford	Milstone Power Plant	06385	4	WTFRCTAKH00	1	860-447	Node			Existing	920	Now			X	X						
CT	West Haven	5 Horton Pl	06516	4	WSHNCT01H00	1	203-637	Node			Existing	920	Now			X	X	X	X				
DC	Washington	30 E St SW	20037	2	WASHDCBWMRG	SCOPE	202-659	CO - Tandem		VZ	Existing	236	Now		X	X	X	X	X				
DC	Washington	1200 H St/730 12th St	20005	2			202-659	CO			Planned	236			X	X	X	X	X				
DC	Washington	2100 M St	20037	1	WASHDC98H15	Bamrt	202-659	Gateway-T1		MFN	Existing	238	Now		X	X	X	X	X				
DC	Washington	900 2nd St NE	20002	1	WASHDCVWNON	1	202-659	Gateway-T1		VZ	Existing	238	Now		X	X	X	X	X				
DC	Washington	1120 Vermont Ave	20005	2	WASJDOCTLH02	1	202-659	Access Point		MFN	Existing	238	Now			ICB	X	X	X				
MA	Boston	800 Boylston St	02199	2	BSTNMABLH55	15	617-236	Node		MCI	Existing	128	Now		X	X	X	X	X	X			
MA	Boston	1 Summer St	02110	1	BSTPMALLH14	4	617-542	Gateway - T1			Existing	128	Now		X	X	X	X	X	X			
MA	Boston	230 Congress St	02110	2	BSTNMACOH24	8	617-210	Node			Existing	128	Now		X	X	X	X	X	X			
MA	Boston	185 Franklin St	02110	2	BSTNMAFRHBU	Cage	617-204	CO		VZ	Existing	128	Now			X	X	X	X				
MA	Boston	6 Bowdoin Sq	02114	2	BSTNMABOHA2	CATT	617-227	CO		VZ	Existing	128	Now			ICB	ICB	ICB	ICB	ICB			ICB
MA	Boston	200 Clarendon St	02109	2	BSTNMA	FTP	617-236	Access Point			Existing	128	Now			ICB	X	X	X				
MA	Boston	41 Belvidere St	02109	2	BSTNMABEHR	SCOPE	617-236	CO		VZ	Existing	128	Now			X	X	X	X	X			
MA	Boston	8 Harrison Ave	02111	2	BSTNMAHAHAX	CATT	617-210	CO		VZ	Existing	128	Now			ICB	ICB	ICB	ICB	ICB			ICB
MA	Boston	109 Brookline St	02215	2	BSTNMACV	2	617-236	Node		Sprint	Existing	128	Now			X	X	X	X	X			
MA	Brockton	65 Crescent St	02301	4	BRTNMACRHAR	Cage	508-588	CO		VZ	Existing	128	Now			X	X	X	X	X			
MA	Brockton	180 Court St	02301	4	BRTNMACOHAF	Cage	508-580	CO - Tandem		VZ	Existing	128	Now			X	X	X	X	X			
MA	Cambridge	210 Bent St	02141	2	CMBRMABEHBG	SCOPE	617-225	CO - Tandem		VZ	Existing	128	Now			X	X	X	X	X			
MA	Cambridge	185 Bent St	02141	2	CMBRMAORH01	1	617-225	Node			Existing	128	Now			X	X	X	X	X			
MA	Cambridge	205 Bent St	02141	2	CMBRMAWVW04	1	617-494	Node		VZ	Existing	128	Now			X	X	X	X				
MA	Cambridge	250 Bent St	02141	2	CMBRMA01N0N	1	617-494	Node		ATT	Existing	128	Now			X	X	X	X	ATT			
MA	Cambridge	10 Ware St	02138	2	CMBRMAWAHAY	CATT	617-234	CO - Tandem		VZ	Existing	128	Now			ICB	ICB	ICB	ICB	ICB			ICB
MA	Cambridge	300 Bent St	02141	2	CMBRMAORH01	1	617-851	Node		L-3	Existing	128	Now			X	X	X	X	X			
MA	Charlestown	500 Rutherford Ave	02129	2	CHTNMAABMH00	Mezz	617-434	Node			Existing	128	Now			X	X	X	X				
MA	Charlestown	56 Roland St	02129	1	CHTNMAABFW01	2	617-468	Gateway - T1		ATT,MCI,VZ	Existing	128	Now		X	X	X	X	X	X			
MA	Frammingham	141 Union Ave	01702	4	FRMNMAAUNHBC	SCOPE	508-820	CO - Tandem		VZ	Existing	128	Now			X	X	X	X	X			
MA	Frammingham	825 Waverly St	01702	4	FRMNMAAJW05	2	508-820	Node		ATT	Existing	128	Now			X	X	X	X				
MA	Frammingham	881 Waverly St	01702	4	FRMNMAAMQH02	1	508-820	Node			Existing	128	Now			X	X	X	X	X			
MA	Lawrence	425 Canal St	01840	4	LWRNMACAABHG	Cage	978-882	CO - Tandem		VZ	Existing	128	Now			X	X	X	X	X			
MA	Lowell	900 Chelmsford St	01852	4	LWLLMACVW00	1	978-452	Access Point			Existing	128	Now			ICB	X	X	X				

Access Point = no current add/drop  
Node = add/drop available  
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14D





## NEON Communications Building List

State	City	Address	Zip	Count	Category	Code	Office	Service	Location	Notes	Access	Drop	ICB	ICB	ICB	ICB	ICB	ICB
NY	Ossining	162 Main St	10562	4	OSNGNYOSHJ	SCOPE	914-941	CO	VZ	Planned	132	Q-4			X	X	X	
NY	Peekskill	1023 Brown St	10566	4	PKSKNYPSHAM	SCOPE	914-739	CO	VZ	Planned	132	Q-4			X	X	X	
NY	Poughkeepsie	20 S Hamilton St	12601	4	PGHKNYSHHAM	SCOPE	845-432	CO - Tandem	VZ	Existing	133	Now	X	X	X	X		
NY	Putnam Valley	Peekskill Hollow Rd	10879	4	PTVYNYPYHAE	SCOPE		CO	VZ	Planned	132	Q-4			ICB	ICB	ICB	ICB
NY	Spackenkill	15 Stuart Dr	12603	4	PGHKNYSPHAF	SCOPE	845-462	CO	VZ	Existing	133	Now			ICB	ICB	ICB	ICB
NY	Suffern	2 Pavilion Rd	10901	4	SFRNNYCBH00	1	845-369	Node	WITel	Existing	132	Now	X	X	X	X	X	
NY	Tarrytown	19 Central Ave	10591	4	TRTWNYTTHAT	SCOPE	914-631	CO	VZ	Planned	132	Q-4			X	X		
NY	Wappingers Falls	10 South Ave	12590	4	WPFLNYWFHQ2	SCOPE	845-287	CO	VZ	Existing	133	Now			ICB	ICB	ICB	ICB
NY	White Plains	360 Hamilton Ave	10601	3	WHPLNY05W03	1	914-997	Gateway - T2	VZ	Existing	132	Now	X	X	X	X	X	X
NY	White Plains	1 N Broadway	10601	4	WHPLNYNSW28	5	914-977	Access Point		Existing	132	Now			ICB	X	X	X
NY	White Plains	111 Main St	10601	4	WHPLNYWPHAY	SCOPE	914-997	CO - Tandem	VZ	Existing	132	Now	X	X	X	X	X	X
NY	White Plains	400 Hamilton Ave	10601	4			914-997	Node	ATT	Existing	132	Now	X	X	X	X		
NY	Yorktown Heights	2750 Hickory St	10596	4	YRTWNYTHAH	SCOPE	914-962	CO	VZ	Planned	132	Q-4			X	X	X	
PA	Chester Springs	1985 Thoonderoga Blvd	19425	4	CSSPPA5NON		610-458	Node		Existing	228	Now	X	X	X	X	X	X
PA	Hellertown	155 Woodland Rd	18055	4	HLTWPAWRNON			Node		Existing	228	Now	X	X	X	X	X	X
PA	Philadelphia	1631 Arch St	19103	2				CO		Planned	228				X	X	X	
PA	Philadelphia	2401 Locust St	19103	2				Node		Planned	228				X	X	X	
PA	Philadelphia	401 N Broad St	19108	1	PHLAPAFGW72	9	215-413	Gateway-T1	S&D	Existing	228	Now	X	X	X	X	X	X
PA	Philadelphia	900 Race St	19107					CO - Tandem		Planned	228				X	X	X	
RI	Cranston	56 Phenix Ave	02920	4	CNTNRIPPHAL	CATT	401-464	CO	VZ	Existing	130	Now			ICB	ICB	ICB	ICB
RI	Providence	300 Carpenter St	02909	3	PRVDRIODW03	1&2	401-421	Gateway - T2	VZ,MCI	Existing	130	Now	X	X	X	X	X	X
RI	Providence	3 Regency Plaza	02903	4	PRVDRIODH00	1	401-222	Access Point		Existing	130	Now			ICB	X	X	X
RI	Providence	234 Washington St	02903	4	PRVDRIWAH12	SCOPE	401-222	CO - Tandem	VZ	Existing	130	Now	X	X	X	X	X	
RI	Providence	1096 Broad St	02905	4	PRVDRIBRHAK	CATT	401-467	CO	VZ	Existing	130	Now			ICB	ICB	ICB	ICB
RI	Providence	375 Promenade St	02903	4	PRVDRIODHAK	1	401-222	Access Point	WITel	Existing	130	Now			ICB	ICB	X	X
RI	Warwick	2557 W Shore Rd	02889	4	WRWKRIWSHA1	CATT	401-738	CO	VZ	Existing	130	Now			ICB	ICB	ICB	ICB
VA	Arlington	1025 N Irving St	22201	2				CO - Tandem		Planned	236				X	X	X	X
VA	Ashburn	21715 Fillmore Ct	20147	2	ASBNVAA5	1	703-723	Node	Equinix	Existing	246	Now	X	X	X	X	X	X
VA	Falls Church	2935 Gallows Rd	22042	2				CO		Planned	236				X	X	X	
VA	Herdon	472 Elden St	20170	2				CO		Planned	236				X	X	X	X
VA	McLean	1701 Chain Bridge Rd	22101	2				CO		Planned	236				X	X	X	X
VA	McLean	8300 Greensboro Dr	22102	2				CO		Planned	236				X	X	X	X
VA	McLean	1755 Old Meadow Rd	22102	2	MCLNVALV	1	703-893	Node	L-3	Existing	236	Now	X	X	X	X	X	X
VA	Vienna	7990 Science App Ct	22162	1	VINNVA05NON	1	703-281	Gateway-T1	S&D	Existing	236	Now	X	X	X	X	X	X
VA	Vienna	8100 Boona Blvd	22182	2						Planned	236							
VA	Vienna	8502 Tyco Rd	22182	2						Planned	236							
VT	Braintree	213 Main St	05301	4	BRBOVTMAHAA	Cage	802-258	CO	VZ	Existing	124	Now	X	X	X	X		ICB
VT	Burlington	268 Main St	05401	4	BURLVTMAHAR	SCOPE	802-652	CO	VZ	Existing	124	Now	X	X	X	X		X

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