

Overview

A Single Source Solution for Comprehensive Connectivity Solutions

RCN Metro's SONET Private Line Service enables you to connect multiple locations with a dedicated, protected, high-speed service. If your business applications need a reliable, flexible networking solution, RCN Metro's SONET Private Line Service is the answer.

The solution provides dedicated, protected bandwidth to guarantee performance when you need it with rates starting at T1 (1.544 Mbps) ranging up to OC-192 (9.953 Gbps) with concatenated or channelized bandwidth. RCN Metro's ring-based architecture for SONET service supplies maximum availability.

RCN Metro's custom design process delivers the bandwidth to meet your requirements within your budget constraints. RCN Metro's diverse fiber network facilitates business continuity solutions that are completely diverse from the incumbent provider. Combining the Metro Private Line service with connectivity between metro areas offers a total solution for businesses with a presence in multiple cities. RCN monitors its services 24x7 with dual NOCs to ensure reliability and responsiveness.

With over 1,200 on-net locations throughout the Northeast, mid-Atlantic and out to Chicago, RCN Metro can create a solution to meet your needs. Not currently an on-net location for RCN Metro? We have the expertise and capabilities to design and build a solution tailored to your exacting requirements.

Business Drivers

Today's demanding IT environment is driven by a variety of needs:

- Seamless connectivity between geographically diverse sites.
- High bandwidth requirements to support the latest business applications
- Backhaul for private PBX voice traffic
- Data center connectivity
- Disaster recovery and business continuity solutions
- Flexible network services that adapt to new project requirements
- Cost effective solutions that fit within today's IT budgets
- Available both within the network and between regions

RCN Metro's Private Line Service is a diverse, independent networking solution that satisfies all of these requirements.

Benefits

- Scalable dedicated, bandwidth from T1 to OC192
- Multi-Application Support - Supports all common networking requirements: circuit switched voice, Asynchronous Transfer Mode (ATM), frame relay, and Internet Protocol (IP)
- Customized concatenated or channelized configurations available
- Survivable and reliable, diverse network utilizing unique utility rights of way

Technical Specifications

Bandwidth	Dedicated DS-1 to OC-192
Protection	Full SONET protection with route diverse ring architecture in most areas
Network Technology	Utilizes RCN Metro's diverse metro DWDM network and traditional metro fiber
Availability	Over 1,200 PoPs including tandems, central offices, carrier hotels and enterprise locations from Portland, ME to Washington, DC and out to Chicago with the expertise to add additional locations
Management	24x7 monitoring and surveillance
Protocol Support (Over SONET)	Circuit switched voice, ATM, frame relay, IP, and video

Protection Specifications	ON-NET	OFF-NET Local Loop
Availability	99.999%	99.99%
Bit Error Rate	1x10 ⁻⁹	1x10 ⁻⁹
Error Free Seconds	1x10 ⁻⁹	1x10 ⁻⁹
Mean Time to Repair (MTTR)	3 Hours	4 Hours

Additional Services

Ethernet
Wavelength

Custom Private Optical Network Solutions
NOC Service

Internet Access
Colocation

About RCN Metro Optical Networks

RCN Metro is a premier provider of high-capacity transport services for carriers as well as large and medium-sized businesses. RCN Metro offers a comprehensive suite of services including: Ethernet, SONET, Wavelength Services, Video Transport, Internet and more. The breadth of our service offering and our ability to combine them to deliver customized, cost-effective, reliable solutions that are implemented and supported by dedicated client teams is what sets RCN Metro apart from the competition and makes us "The Smarter Choice" to the status quo.

With a network leveraging unique rights-of-way, spanning from Maine to Virginia and out to Chicago, RCN Metro deploys custom solutions to service providers as well as companies in the finance, hospitality, media, government, health care and education industries.

RCN Metro is a wholly owned division of RCN Corporation. To learn more about RCN Metro, please visit our website, www.rcnmetro.com.



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