

## Overview

### A Network Built with Your Business in Mind

RCN Metro can design, build, and maintain a network that meets the needs and goals of today's growing business.

Standardized off-the-shelf service offerings from the local phone company no longer meet the needs of many carriers and businesses. Networking requirements have become more complex, and as a result, multiple protocols and applications need to be supported across a wide area network.

So, today's businesses often find themselves needing 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.

RCN Metro provides the expertise to develop a private optical network customized to your needs.

## Process

### Design

RCN Metro works with businesses to gain an understanding of individual networking requirements and develops the network architecture. This includes determining which locations will be included in the network, establishing the physical routes the network will take, determining the SONET and optical layer design, and specifying the equipment configuration. Once this is complete, RCN Metro will deliver a comprehensive plan with detailed configurations for each site, fiber maps, time lines, and cost estimates.

### Build

RCN Metro assigns a Project Manager to oversee the construction of each network. This individual is the 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, RCN Metro will secure the elements required to implement the design, which could include negotiating rights of way, leasing space, and procuring equipment.

### Maintain

RCN Metro offers a full suite of managed services to keep networks running once they are built. This includes monitoring network to ensure that it performs at the level each individual business demands.

## Benefits

- **Experienced** — We leverage the knowledge of our skilled team of communications professionals. RCN Metro designed and built its own network from the ground up and can do the same for your business. Our team knows the local market and is dedicated to completing projects on time and on budget.
- **Established** — RCN Metro is a well established regional carrier which provides service to some of the largest carriers and businesses along the East Coast and out to Chicago.
- **Carrier Neutral** — RCN Metro has connectivity to most major carriers and Tier 1 ISPs throughout each service region, so connectivity to the carrier of choice is not a problem.
- **Cost Effective** — RCN Metro works to relieve businesses of the time and expense associated with building individual networks or acquiring one from the local phone company.
- **Unique Rights-of-Way (ROW)** — RCN Metro's use of unique, utility rights-of-way enable us to offer an unparalleled level of diversity.
- **Turnkey Solution** — RCN Metro manages the project from the design phase all the way through to the maintenance of the network.

## Availability

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

## Additional Services

Ethernet  
SONET

Wavelength  
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 Smart Alternative" 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](http://www.rcnmetro.com).



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