

Overview

Carrier Class Ethernet Transport Services

LAN Extension and Private Line Services

RCN Metro's Ethernet Service combines the reliability and ubiquity of Ethernet with next-generation metro area transport technology.

The result is a service that delivers an efficient, fully restorable, easily managed network. Offering dedicated point-to-point, switched point to multipoint and multipoint-to-multipoint Layer 2 service over dedicated access bandwidth, RCN Metro's Ethernet Service enables you to seamlessly extend your Ethernet network from your local building into the metro area and beyond.



RCN Metro's Ethernet Service enables extension of LAN

infrastructure for WAN connectivity, or allows point-to-point private line services. The Metro Ethernet solution provides dedicated bandwidth to guarantee performance when you need it with rates starting at 1 Mbps ranging up to 10 Gbps. The natural flexibility of Ethernet allows you to decide exactly how much bandwidth you need to support your application now and in the future. The simplicity of Ethernet and RCN Metro's custom design process delivers the bandwidth within your IT budget constraints.

RCN Metro's private, diverse fiber network, along with optional protected circuit design, provides a solution for business continuity alternatives. Combining the Metro Ethernet service with connectivity between metro areas offers a total solution for businesses with a presence in multiple cities. RCN Metro is one of the first providers to receive both Metro Ethernet Forum (MEF) 9 and 14 certification to assure high quality and reliable Ethernet service. RCN Metro monitors its service 24x7 to ensure reliability and responsiveness.

Features*

- Highly scalable and variable transport speeds from 1 Mbps to 10 Gbps
- Switched Ethernet available in fixed or burstable bandwidth in select locations
- Dedicated Ethernet over fiber
- Point-to-point private line service
- Point-to-multipoint WAN service
- Resilient transport services for high reliability
- Standards-based IEEE Ethernet service for layer 2 transport
- Protocol transparent
- 802.1Q VLAN and 802.1 QinQ tunneling supported
- MEF 9 and MEF 14 certified
- 24x7 network monitoring with multiple NOCs

**Not all features are available in all markets, please contact RCN Metro to determine availability*

Benefits

- Variable bandwidth enabling you to fine-tune your network needs at each location
- Seamless interconnection with no additional equipment on your premises
- No protocol conversion required ensuring interoperability between LAN and MAN
- Cost effective on both a cost per bit and cost per port basis
- Easier installation and management allow for rapid provisioning compared to other platforms
- Delivered directly to you via CAT5e wiring or fiber
- Predictable cost modeling for future network build outs
- Scalable for long term network evolution connectivity

Additional Services

SONET
Wavelength

Custom Private Optical Network Solutions
NOC Service

Internet Access
Colocation

Technical Specifications

| Technical Specs | Switched | Dedicated |
|--------------------|---|---|
| Architecture | Layer 2 Ethernet or MPLS | Sonet, DWDM or Fiber |
| Throughput | 1 Mbps – 1 Gbps | 1 Mbps – 10 Gbps |
| Ethernet | Fast or GigE | Fast or GigE |
| Network Management | 24x7 monitoring and surveillance | 24x7 monitoring and surveillance |
| Network Options | Long-haul and metro configurations | Long-haul and metro configurations |
| Availability | Available at most on-net locations throughout the RCN Metro network | Available at most on-net locations throughout the RCN Metro network |

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.