High-Bandwidth Network Solutions
Multiple ways to bring your business up to speed

Is the demand for deploying productivity-enhancing applications outstripping the capacity of your network? Are you thinking of migrating to a converged voice and data network? Sprint offers a number of solutions for organizations that need large amounts of bandwidth to connect multiple locations within a metropolitan area. These solutions range from fully-managed public network services to customer-managed private networks.

The public network advantage
When you use any of the Sprint public network services, you can benefit from:

- Investments Sprint has already made in network management platforms, test tools and other network infrastructure
- Sprint expertise in network management
- Automatic upgrades in the core network
- Carrier-level redundancy that few private organizations can cost justify

Public network solutions

Sprint Ethernet℠ Services. Sprint provides Ethernet connections at gigabit speeds in many metropolitan areas. It’s an economical solution to connect Ethernet LANs and other corporate computer resources within the Sprint local service area. Both point-to-point and any-to-any configurations are supported. Bandwidth is available in increments of 5 Mbps up to 1 Gbps.

Sprint Frame Relay℠ Service. Sprint offers regional, nationwide and global frame relay services tailored to support the specific applications and protocols you use across your enterprise: IP, LAN, Systems Network Architecture (SNA) and voice. Your data can travel at speeds from DS0 (56 Kbps) to DS3 (45 Mbps). Choose a different committed information rate for each permanent virtual circuit, based on the critical nature of the application.

Sprint ATM℠ Service. Also available regionally, nationally and globally, Sprint ATM provides a highly reliable platform for consolidating voice, data and video applications over a single network. You can choose from multiple classes of service to assure optimum handling of each traffic type. Access options begin at DS1 (1.5 Mbps) and scale up to OC3 (155 Mbps) with OC12 (622 Mbps) available on a special case basis. Permanent virtual circuits are available ranging from 64 Kbps up to OC3.

Sprint SONET Ring℠ Service. Available in a growing number of states, this service employs fiber optic and SONET ring technologies to provide secure dedicated bandwidth between your locations and one or more Sprint central offices. You can enter or exit the ring service at nodes ranging from DS1 to OC3.
**LightLink™ Service.** LightLink provides DS3-level capacity for consolidating multiple services between your location and the Sprint central office. At the central office, the DS3 channel can be terminated on a special multiplexer that breaks it into 28 DS1 channels. Typical uses of LightLink are supporting ISDN PRI for voice and video plus frame relay or ATM for connection to the rest of the enterprise or to the Internet.

**Private fiber optic solutions**
As regulatory and local business conditions permit, Sprint is able to provide dedicated, point-to-point fiber optic facilities for the exclusive use of a single customer. In addition, you will need to invest in:

- Optical equipment or interfaces plus spares
- Optical test equipment
- Technical staffing coverage for after hours, holidays and vacations as required for ongoing operation
- Training and continuing education of technical personnel

**Key considerations**
When choosing the best Sprint service for your needs, consider:

- How much bandwidth do you need?
- Do you have the in-house expertise to manage a private network?
- What level of availability do you require?
- How much are you prepared to invest in networking infrastructure and technical support?

When you take advantage of a Sprint public network service, you can leverage our 20 years of experience in operating carrier-grade optical systems. Highly trained Sprint technicians monitor these networks around the clock and are prepared to respond at any time.

Compared with deploying a private fiber-based network, you can minimize your investment in on-site network equipment, periodic technology upgrades, and network management personnel. Experience has shown that it is often more economical to leverage the investments that Sprint has already made in public network infrastructure and technical personnel. Whether you need to maximize productivity, remove network bottlenecks or ensure reliability, Sprint can help.

**Why Sprint?**
With a rich heritage more than a century strong, Sprint remains one of the most financially stable companies in the telecom industry. When you choose Sprint, you’re choosing a company that wins industry and customer accolades for service reliability and customer satisfaction and one that is committed to developing solutions that can transform the way you get business done.

**Please contact your Sprint Sales Representative.**