



Intelligent Bandwidth Management

Solutions from Multiservice Access to the Optical Core

About Sycamore

Why do the most respected and innovative fixed line and mobile network operators choose Sycamore Networks? Because our uniquely intelligent bandwidth management solutions drive down network costs while forming an agile, scalable, and resilient foundation for next-generation services. And extensive deployment experience in some of the world's most demanding operating environments proves it. Our global customer base of industry-leading network operators includes Sprint, Vodafone, KT, NTT, Telstra, Telkom South Africa, the US Department of Defense (DoD), and the Federal Aviation Administration (FAA).

Sycamore products combine advanced technology with demonstrated resiliency and performance. They enhance profitability while creating new revenue opportunities, and reduce risk while enabling intelligent network evolution. Our comprehensive portfolio extends across the network, from multiservice access and regional backhaul to the optical core.

Multiservice Switching, Packet-Optimized Performance

Sycamore multiservice aggregation and intelligent optical switching products deliver industry-leading scalability, reliability, and flexibility, with best-in-class ring and mesh protection options for ease of network migration and optimal performance in any network topology.

- **Optical Switches** – SN 16000, SN 9000, and SN 3000 intelligent optical switches share common optical signaling, routing, and management software across every platform. This supports seamless, multiservice aggregation, intelligent Ethernet transport, and flexible protection options from the metro edge to the optical core. ASON/GMPLS-compliant BroadLeaf® control plane software simplifies provisioning and enhances capacity utilization.
- **Optical Network Management** – Standards-based, network-aware management systems and interfaces ensure seamless integration and interoperability, while enabling flexible bandwidth services. SILVX® empowers end-to-end performance management, in-service scalability, and point-and-click service provisioning to enable faster time to revenue.
- **Optical Network Design & Analysis** – SILVX InSight® software offers state-of-the-art ring and mesh network modeling, configuration, emulation, and capacity planning – all fully integrated with SILVX network management.

Fast Facts

Founded

February 1998

Ownership

Publicly traded on NASDAQ: SCMR

Mission

To deliver innovative networking products and solutions that enable fixed line and mobile network operators to build agile, resilient, and scalable networks

Target Market

Telecommunications service providers, military and civilian government agencies, utility companies, and MSO/cable operators on a global basis

Solutions

Intelligent bandwidth management and transport network optimization solutions for access, metro, regional, and core network applications

Products

Edge and core optical switches, multiservice cross-connects, multiservice access platforms and access gateways, network management and design software

Service and Support

Network operations lifecycle services to meet the planning and implementation needs of network operators worldwide

Quality

The Sycamore Networks Quality Management System is ISO 9001:2000 registered for the design, delivery, and support of innovative networking products and solutions

Network Access Products, Proven Reliability

Sycamore network access products perform critical bandwidth management functions, such as grooming, access concentration, and circuit provisioning, across a diverse range of transmission network applications.

- **Digital Cross-Connects** – Scalable DNX platforms for traffic aggregation and grooming handle narrowband to broadband switching and transport, with proven reliability and a cost-effective, modular growth path.
- **Integrated Access Platforms** – The IAB-3000 channel bank adds economical flexibility and multiservice capability to public and private access networks, with support for a variety of voice and data interfaces.
- **Access Gateways** – Deployed at mobile cell sites, DNX-1u access gateways optimize RAN backhaul transport, with integrated telemetry and remote IP management to improve site visibility and control.
- **Network Management** – ENvision Plus network management software provides sophisticated provisioning, path protection, and disaster recovery.

Pragmatic Solutions

Sycamore Networks solutions extend across the network, from access and regional backhaul to the optical core. In fixed line networks, concurrent support for traditional and next-gen networking functions dramatically improves network resiliency and performance at key integration and aggregation points – and reduces costs.

For mobile operators, advanced intelligence enhances network migration from 2G to 3G and beyond, enabling just-in-time expansion and market-leading mobile voice and data services.

The interoperability, capacity, and intelligence of Sycamore solutions play a key role in supporting mission-critical communications for government agencies and large financial institutions. And uncompromising reliability and remote management capabilities support gradual modernization for large utility networks, with an appropriate focus on survivability and security.

KEY SYCAMORE ADVANTAGES

- Advanced Networking Intelligence
- Unmatched Scalability & Capacity
- Mesh Resiliency & Reliability
- Bandwidth Optimization
- Service Delivery Enhancement
- Reduced TCO & Rapid ROI

Service Excellence

Our comprehensive services portfolio, in-house experts, and international partners stand ready to support Sycamore customers at every phase of the network operations lifecycle, from initial design and planning to ongoing service provisioning and maintenance. Customers select the optimum service and support package for their network staff, from a range of entitlements and response times designed to meet the most demanding service expectations – at any time, anywhere in the world. Our customer service professionals have earned a reputation for excellence from some of the world's most prominent carriers.

The Sycamore service philosophy focuses on our customers' priorities. We strive to get network investments into service quickly, tailor service level agreements to business needs, and supply training programs that help customers extract maximum value from their capital investment and minimize operating expenses.

For more information about our intelligent networking products and solutions, please contact your Sycamore Sales Representative.

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Sycamore Networks, Inc. (NASDAQ: SCMR) is a leading provider of intelligent bandwidth management solutions for fixed line and mobile network operators worldwide. From multiservice access networks to the optical core, Sycamore products enable network operators to lower overall network costs, increase operational efficiencies, and rapidly deploy new revenue-generating services.

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