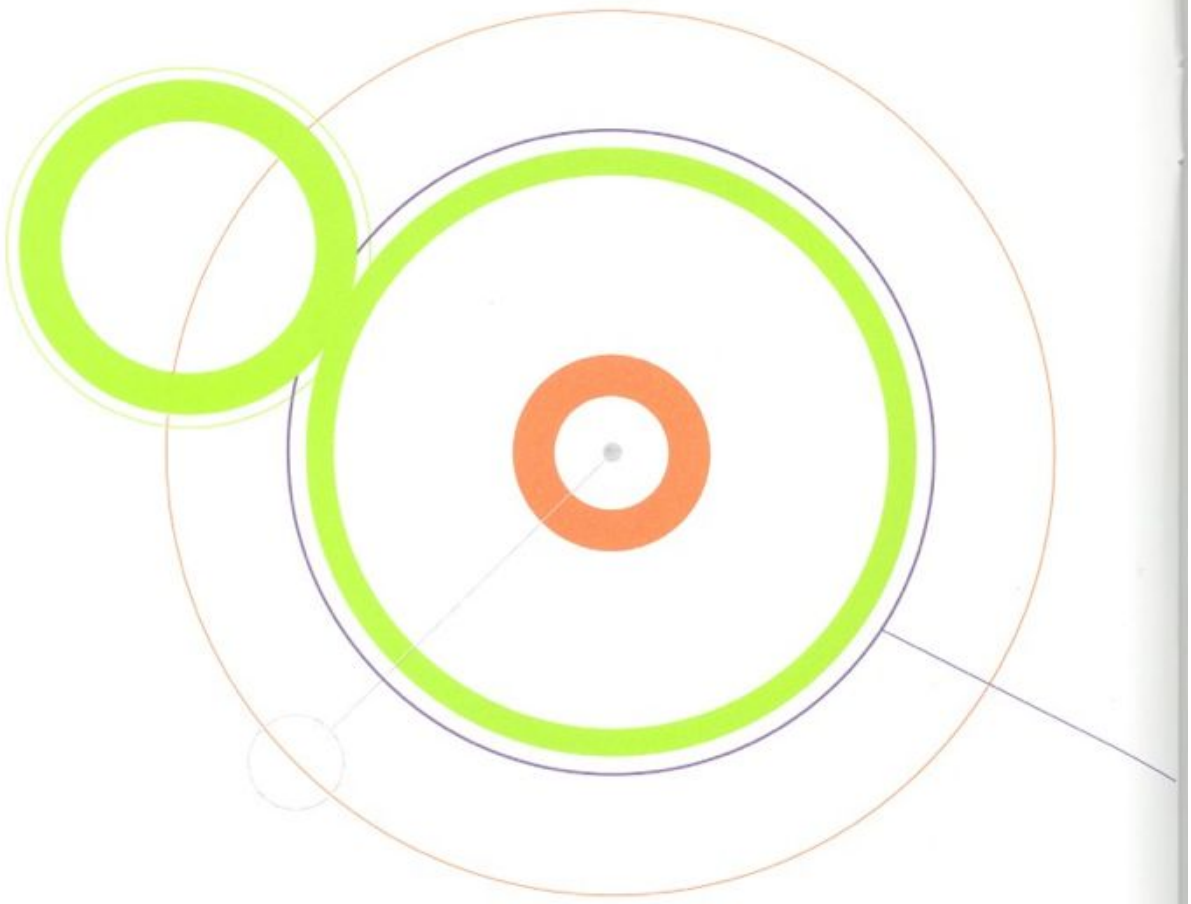
CONNECT WITH INTELLIGENCE



con·nect
1: to join or fasten together usually by something intervening
2: to place or establish in relationship

in·tel·li·gence
1: the ability to learn or understand or to deal with new or trying situations
2: the ability to apply knowledge to manipulate one's own environment

TO CONNECT WITH INTELLIGENCE MEANS THAT YOU'RE LEAVING NOTHING TO CHANCE — THAT YOU'RE RELYING ON THE ABILITY AND EXPERIENCE OF THE INDUSTRY'S MOST QUALIFIED PROFESSIONALS TO ENSURE THAT YOUR NETWORK IS 100 PERCENT PRODUCTIVE, ITS SERVICE UNINTERRUPTED.

Total Network Solutions

The specialists in the design, engineering, implementation and management of multi-protocol corporate networks.

By engaging Total Network Solutions, you gain access to a savvy technology firm that complements your IT department. We provide the experience and expertise that best matches your project requirements—without adding to overhead or administrative costs.

A provider of

high-quality corporate internetworking

Our internetworking engineers have **extensive corporate experience** gained from working with high-end sophisticated networks at world-class financial institutions and other *Fortune* 1000 firms across a broad range of industries.

As independent consultants, we work with multiple platforms and the latest technologies. This gives us a breadth and depth of technical network knowledge that cannot be duplicated by job shops or large IT consulting houses.

This comprehensive understanding enables us to provide internetworking solutions that give your business a competitive edge through what the Gartner Group calls "immediate access to live data."

We follow **a result-oriented methodology** developed during the course of successfully completing many complex network relocation, expansion and re-engineering projects.

Our internetworking experts

help you produce results

Our teams of experienced network engineers and project managers can solve problems and provide the appropriate level of solutions and support each customer requires. Experienced project managers ensure that implementation is on schedule, results are achieved and there is no interruption to existing network operations.

TOTAL NETWORK SOLUTIONS IN-HOUSE EXPERTISE

- ROUTED AND SWITCHED INTERNETWORKS
- BACKBONE NETWORK TECHNOLOGIES (SWITCHING, ATM, HIGH-SPEED SHARED MEDIA, SONET)
- TCP/IP, IPX, SNA, CONVERSION OF LEGACY PROTOCOLS
- WAN TECHNOLOGIES (FRAME RELAY, SWITCHED MEGABIT DATA SERVICES, VIRTUAL PRIVATE NETWORKS)
- REMOTE ACCESS TECHNOLOGIES (ISDN, VIRTUAL PRIVATE NETWORKS)
- ENTERPRISE NETWORK MANAGEMENT PLATFORMS
- RMON, SNMP, ELEMENT MANAGEMENT SYSTEMS
- NETWORK SECURITY AND FIREWALLS

A single source of internetworking expertise

Total Network Solutions offers a full range of professional services including:

Network Architecture and Design

RFI's, RFP's and Conceptual Design Documents

Technology Evaluation and Testing

Network Engineering and Implementation

Technology Refresh

Capacity Planning

Network Management System Integration and Customization

Network Operations Sourcing and Process Improvement

Network Evaluation and Testing

Network Relocation Management

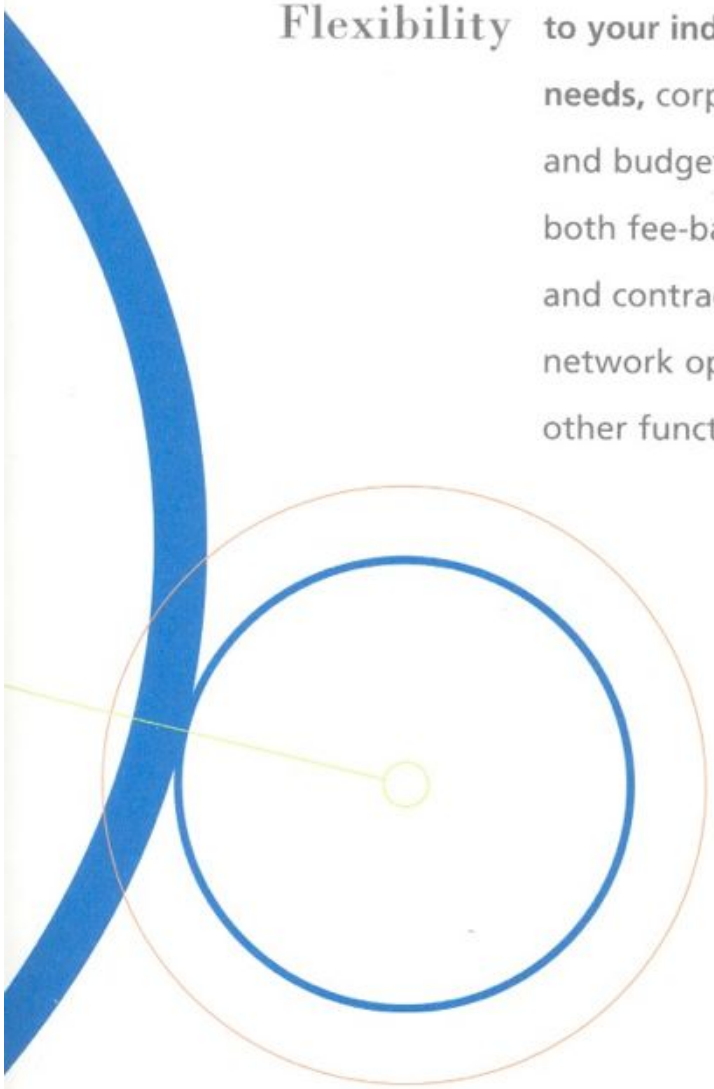
Network Security

With a staff featuring network engineers from numerous disciplines, we can fulfill these internetworking requirements quickly and efficiently.

Flexibility

We offer contractual and fee arrangements **tailored to your individual project needs,** corporate structure and budget. These include both fee-based consulting and contract sourcing of network operations and other functions.

As a technology firm with diverse clients and multiple projects, Total Network Solutions can make a long-term investment in hiring, training, developing and maintaining a staff of internetworking experts that most corporate IT departments cannot afford to duplicate.



Professional objectivity

We are not resellers. Therefore, when it comes to selecting network technology, we possess an objectivity that reseller consultants cannot provide. Our only business is to improve your network operations and performance.

The demand for competent, qualified networking professionals is far outstripping the supply.

The sourcing advantage

You can solve this problem by **sourcing network management, operations, support and maintenance** to Total Network Solutions.

According to a Nation's Business poll*, 87 percent of those businesses surveyed sourced at least some of their work, and nearly three-fourths of these said they have no plans to bring any outsourced functions back into their firms. Sourcing to Total Network Solutions can:

save time

lower overhead

improve quality

increase productivity

reduce costs

minimize risk and administrative burden

free resources to focus on more important tasks

Research from the Outsourcing Institute shows that outsourcing generates an average cost savings of 9 percent and capacity increase of 15 percent.

TOTAL NETWORK SOLUTIONS INDUSTRY PARTNERSHIP AT A GLANCE

IBM BUSINESS PARTNER

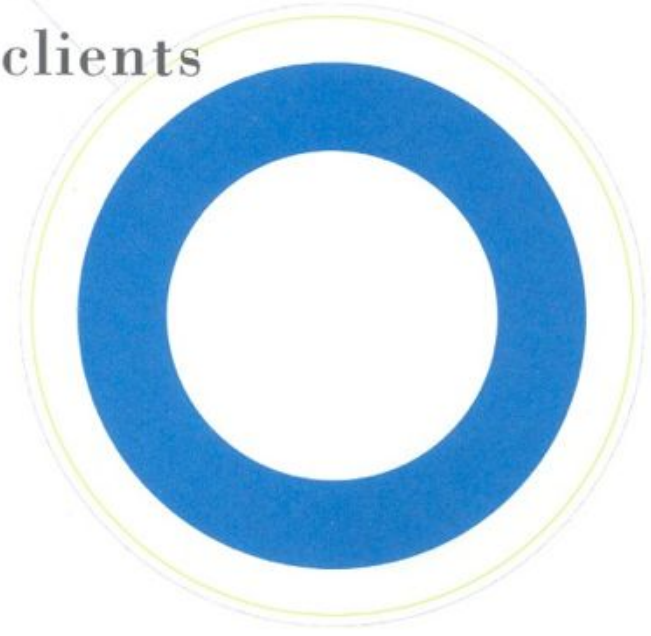
CISCO PROFESSIONAL SERVICES PARTNER

CABLETRON NETWORK MANAGEMENT PARTNER

NETSCOUT BUSINESS PARTNER

Our relationships with major network systems providers enable us to effectively integrate their technology into your solution. Total Network Solutions engineers regularly participate in training programs and are certified by these partners.

Strategic partnerships with industry leaders enhance the value we bring to our clients



Keeping you on technology's leading edge

Coopers & Lybrand notes: "Fast-growth companies with linkages to universities have productivity rates almost two-thirds higher than their peers without such connections." Total Network Solutions **maintains its competitive edge by recruiting the top students** from the best university programs in the country.

Because Total Network Solutions consultants are full-time employees—not contractors—we invest heavily in their training and career development. Our people remain with us because we offer a structured career path—including ongoing training and development—that takes them from network operations to design engineering.

A unique managed technology resource for internetworking solutions and services

As a staff-based consulting firm serving numerous Fortune 1000 clients, we offer **the stability and continuity to provide the long-term relationships our clients seek**. As niche specialists in quality internetworking services and solutions, we complement, rather than compete with, the larger solutions providers.

Unlike independent consultants or "body shops," Total Network Solutions provides an integrated, managed team of networking specialists who work together to accomplish your goals. You are assigned a Consultant/Account Representative whose job it is to continually study your company and its network—and then offer solutions and support.

Get
the Total Network Solutions
advantage

Since 1995, we have specialized in helping network managers of high-end corporate data networks enhance performance, increase reliability, simplify network management and control costs with result-oriented network design, management, implementation, optimization and operation services.

Founded in 1995, Total Network Solutions is **a multi-million dollar network consulting firm** with a growing staff of employees and strategic alliance partners nationwide.

Please contact Total Network Solutions at 212-557-1870 or visit our Web site at: **www.tns-inc.com**

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