Fast, Flexible and Always Connected

Networking

Your business is only as fast and nimble as the network it relies on. At Avnet Enterprise Solutions we help businesses transform their network from a technology asset to a competitive advantage. As one of the leading IT infrastructure architects, Avnet Enterprise Solutions can help you implement the latest networking technologies and trends – end-to-end solutions for voice, video and data networks; products and services for LANs, MANs, WANs and Premise Wiring Systems – with a new level of ease. What makes Avnet Enterprise Solutions the technology partner of choice for many leading Fortune 1000 companies is our methodology. Our customers know that our proven technical and financial processes enable us to deliver solutions that minimize risk, maximize flexibility and optimize the use of capital.

Network Design, Consulting & Project Management

Whether you are building from the ground up or expanding an existing network, Avnet Enterprise Solutions' certified consultants provide fully documented network configurations that integrate leading edge security, optimal network performance and flexibility for the future. Avnet Enterprise Solutions offers you single-point simplicity and manufacturer-certified expertise for the leading networking technologies in the industry. Our nationwide coverage, decades of logistics expertise and certified Project Management expertise allows us to stage, configure and implement the most complex enterprise LAN, MAN and WAN networking solutions on a reliable schedule and budget. Our Project Management professionals bring single-point accountability along with Project Management Institute-certified training, experience and knowledge to every initiative. What's more, our innovative and flexible financing programs enable you to make strategic networking decisions as your business demands, not as budgets dictate.
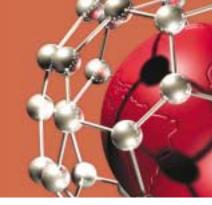
Network Support Services

Many organizations are running fast and lean, which makes it harder for them to keep up with the escalating support requirements. Avnet Enterprise Solutions has built a solid reputation by delivering on-going support that keeps networks up and running and businesses moving forward. With us, you have certified networking experts keeping a watch on your network through on-going network monitoring solutions. We also offer customized "help desk" services, desktop field maintenance, plus on-site technical support for every network element from routers to PCs to printers with up to 24x7 coverage.

Infrastructure

As an IT infrastructure architect, we provide design, installation, and on-going maintenance of the structured cabling and/or wireless backbones of communications networks. Our methodology of assessment, design, implementation and support leverages existing technology assets for your long-term advantage and paves the way for a smooth deployment. We also help you minimize costs and keep pace with the constant flux and change of your workforce with on-site moves, additions and changes.

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Professional

Services

Avnet Enterprise Solutions' suite of services allows you to maintain focus on what counts: Your business. We offer you access to critical networking hardware and software from the industry leaders along with trained and certified support for every facet of your networking needs.

Network Services

Today's enterprise networks must deliver on all counts – performance, functionality and scalability. Avnet Enterprise Solutions' engineers have a wealth of industry experience and certifications on enterprise connectivity that is both technology-based and cost driven. Through a full range of LAN, MAN and WAN solutions and services, we can help network managers successfully meet mission-critical applications and quality of service demands, while at the same time present strategies for reducing overall cost of ownership. Some of our Network Services include:

- Wireless
- System Designs
- Telephony
- Traffic Analysis
- Remote Monitoring

- VPN Design & Implementation
- Network Administration
- Network Optimization
- Moves, Adds and Changes

Premise Wiring

Avnet Enterprise Solutions has RCDDs (Registered Communications Distribution Designers) and LAN, WAN specialists to provide standards-compliant designs for virtually every type of premise wiring architecture available. We can design comprehensive, integrated data, voice and video solutions that meet your infrastructure needs. Services range from riser cable and premise distribution systems to multi-floor, campus-wide and multi-facility environments.

Experienced project managers oversee the installation, constantly monitoring the quality of the work, coordinating staff and organizing resources to complete projects according to plan. Industry-trained technicians are certified to install all copper and fiber optic cabling technologies. We specialize in providing custom designs for your voice, video and data communications applications. For each project we supply detailed documentation and diagrams to enable efficient maintenance and management.

- Cabling Systems Design
- Project Management
- Cabling Installation
- Telephony Services

- Moves, Adds and Changes (MAC) Services
- Testing and Documentation
- Riser Management
- Certified Installations

Security

E-business, telecommuting, distance learning, online banking and other network-based ventures have escalated network security issues to new levels. It isn't just a matter of protecting information assets from theft, but developing strategies to prevent prying eyes and unwanted modifications. Trained and certified by the

industry's leading security manufacturers, our consultants and engineers can design innovative solutions to help secure your enterprise data.

Our enterprise data security solutions and services help protect against unauthorized access, disclosure, theft, denial of service, and malicious damage to your systems. We use only the most advanced tools and technologies from the leading manufacturers. Avnet Enterprise Solutions' security services will help identify potential data invasion threats before they become problems.

- Access Control Management
- Active Content Monitoring
- Authentication
- Certificate Authorities
- Enterprise Security Administration
- File and Session Encryption
- Firewalls

- Intrusion Detection
- Network Designs
- Network Security Maintenance
- Security Policy Development
- Virtual Private Networks
- Vulnerability Assessments and Scanners

Technical Services

Personal computers play a critical role on every level of today's business operations. While this technology has enabled major productivity gains, it also has created a myriad of support and management challenges. Avnet Enterprise Solutions' provides a seamless, integrated solution for all of your desktop computing service and support needs. You gain a virtual staff of professionals who can provide the right resources at the right place and at the right time – all across the nation, 24 hours a day. With our Web-based information management systems, certified multivendor support can be accessed any time of the day or night. Our support services can be easily customized to fit your functional and financial needs.

Voice Integration/Convergence

The multiple communication channels that once carried voice, video and data traffic separately are now converging together over a single broadband highway. Today's evolutionary technology brings compelling benefits including simplified network administration, increased productivity, reduced toll and administrative costs. Avnet Enterprise Solutions' network professionals and system engineers have the knowledge and understanding to help you effectively apply this new networking technology for your business advantage. These experts can show you how integrating voice, video and data onto a single network will show a positive ROI in a short period of time. The use of converged technologies, such as Voice over IP, also helps you utilize the available bandwidth of your existing network to the best advantage.

- Dial Plan and Call Management
- Video Streaming
- Multi-service Training
- Voice over IP, ATM, Frame Relay
- Network Audits

- Quality of Service Assessments
- Voice Infrastructure Implementations
- Voice and Data over IP Services
- IP Telephony Integration

Wireless

Wireless data communication has become an essential component in the enterprise. The new wireless network protocols give users network access along with full mobility through buildings or entire campuses. Our consultants are focused on researching and testing the latest developments in the area of Wireless Communications and bringing those solutions to market. Avnet Enterprise Solutions brings best of class products and quality of service network knowledge to deliver a solution tailored to meet your current and long-term business needs. Whether you need a wireless, wired or a hybrid solution, we have the expertise to offer the most cost-effective design, implementation and support services for your network.

- Wireless LANs
    (In-building/Campus Environments)
- Wireless WANs
    (Building-to-Building Backbones)
- Wireless Network Design

- Wireless Consulting
- Product Comparison
- RF, Optical Laser, Satellite, Wireless VoIP
- Wireless Site Survey & Installation
- Briefings on the benefits of wireless technology

Finance

Innovative and strategic financing and leasing programs give the best of both worlds: New systems and improved cash flow. At Avnet Enterprise Solutions, we understand your technology decisions are often guided by financial considerations. Our financial consultants work with you to develop solutions that meet both your financial goals and technical objectives. Since we understand both technology and financing, we're able to recommend a solution that best fits all of your business needs.

We offer several outright purchase, credit and lease options as well as our unique Technology Management Maintenance Service℠ (TMMS®) agreement. If you need to always have the latest technology, you'll find that TMMS® offers unparalleled flexibility of terms and the chosen technology, predictable monthly payments and proactive management of your technology portfolio.

You'll also benefit from a myriad of other financial programs including Asset Disposition, Comparative Acquisition Analysis, and Short-term Technology Service℠.

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For more information on Avnet Enteprise Solutions networking solutions, visit www.es.avnet.com

Avnet Enterprise Solutions is an IT infrastructure architect, specializing in server consolidation and management, data storage and protection, and network integration and management solutions that power leading business applications. The company leverages its unique suite of technical and financial services to minimize risk, maximize flexibility and optimize the use of capital on your IT infrastructures. Avnet Enterprise Solutions integrates hardware, software and services from industry leaders including BMC Software, Cisco Systems, Compaq, Computer Associates, Enterasys, Hewlett-Packard, IBM, Nokia, Oracle, Tivoli and VERITAS. Headquartered in Tempe, Arizona, Avnet Enterprise Solutions (www.es.avnet.com) is a division of $2.9 billion Avnet Computer Marketing, an operating group of Avnet, Inc. (NYSE: AVT). Avnet, Inc. is a Fortune 500 company and global electronic components and computer products distributor with sales exceeding $13 billion.