

MAXXIS™ Application Aware Network

It's time to re–think corporate networks

A typical corporate network, built piecemeal over a number of years, can hold back the deployment of applications and services that drive business growth. It's time for MAXXIS, an application aware network solution optimized for the delivery of real–time communications, centralized applications and cloud–based services across the enterprise. Forget next–generation, this is now.

The MAXXIS network solution allows an enterprise to deploy a converged, all IP network as a fully managed infrastructure with unprecedented application performance, flexibility and resiliency. MAXXIS offers flexible service delivery, utilizing multiple Tier 1 carriers to ensure wide geographic coverage, a complete choice of network interfaces to suit business needs and a level of resiliency that is not found in single–carrier networks. MAXXIS provides a comprehensive tool set to manage your business applications end–to–end and delivers full visibility into performance, from router and switch to network core. Built on a state–of–the–art platform, MAXXIS provides intelligent application–based routing, sophisticated management, and unprecedented network performance in a single MPLS solution.

BENEFITS

Get it right.

Making the migration to an all IP network can be complex. One of the most significant hurdles a company faces is having the right resources, with the right skill sets to plan and execute the network transformation project while at the same time managing the existing network. MAXXIS is a fully managed solution, with over a decade of experience in building MPLS network solutions for leading enterprises. Solution Design Engineers work with you to build an infrastructure that minimizes technical, implementation and investment risk and allows you to harness the power of your network to improve business performance.

Ensure the performance of critical applications.

MAXXIS gives you complete control over bandwidth prioritization across the enterprise and delivers a unique approach to QoS management. While most MPLS networks have QoS capability based on prioritizing tagged packets, MAXXIS takes QoS to a different level, assigning tags to traffic based on packet analysis, source and destination and also on business use. The result – a network solution that delivers unprecedented levels of application performance.

Take control.

With MAXXIS, there are no questions or uncertainty about network performance. Sophisticated management tools take network visibility to a new level, giving detailed views into the traffic tagging, the bandwidth and performance data associated with every aspect of the network connectivity. MAXXIS delivers application and user level visibility providing full insight into performance of the end–to–end application transport, from router and switch performance to network induced application latency, providing a singular management tool designed for monitoring and managing critical business applications.

Stay secure.

MAXXIS offers the best in enterprise class security technologies in one powerful Unified Threat Management solution. Optional MaxxSecure services ensure that your network is protected from external threats, such as hackers, network intrusions, viruses phishing, spoofing and spam. Administrators have powerful tools to set usage policies, monitor and report on usage and prevent internal misuse, all delivered as cloud–based services with a redundant and geographically diverse infrastructure that eliminates single points of failure and the requirement to route enterprise traffic through centralized firewalls.

Enhance support capabilities.

Staffed 24/7/365 with Cisco certified engineers, the Network Operations Center (NOC) serves as a direct extension to your IT team. The NOC combines proprietary network event correlation with best–of–breed management systems to deliver proactive network management services combined with some of the fastest, most sophisticated event management systems available. These systems, combined with the West IPC Operational Support System (OSS), deliver unprecedented service uptime and immediate response to critical network conditions.

MAXXIS™ FEATURES	FEATURE BENEFITS
Best-of-breed Network Architecture: Core backbone consisting of multiple interconnections with nationwide network providers and carrier-grade routing infrastructure	Provides maximum network coverage with greater flexibility for your specific design needs
Expansive Network footprint: High-speed, high-quality MPLS backbone, accessible via T1, DS3, OCx, and Metro Ethernet	Greater reach and flexibility to manage geographically-dispersed offices
Fully Converged Network: Able to integrate voice, data, video and internet services into one network architecture	Improved performance and simplified management through a single-network and a single vendor
Application Layer Prioritization: Customized data traffic prioritization, beyond standard QoS	Ensures optimal performance of applications and other network traffic
Dynamic Bandwidth Allocation: Bandwidth fully available for all applications, including internet access, based on needs and Application Layer Prioritization	Eliminates the need to over-provision dedicated Internet access and other services
24/7/365 Network Monitoring & Customer Support: Proactive monitoring and management of the enterprise network by Cisco-certified engineers	Relieves the pressure of constant IT overview through trouble management and fast resolution
Web-based Management Tools: Network monitoring and alerting tools	Provides real-time and historical visibility and reporting



Managed
Unified
Communications



Security
Standards Council



NEXT STEPS

West IP Communications can help you maximize the business benefits of an IP network transformation. Our skilled Solution Design teams will work with you to design, implement, manage and support your network infrastructure. The next steps include detailed discovery sessions to assess current network infrastructure and performance, evaluate business requirements and build an understanding of end-state requirements. From there our teams will lead you through the architecture, design, implementation, management and support stages of the migration.