



Corporate
Alliance



SERVICES

IBM Delivers **Security Services** for the **IBM Integrated Security Solution** for Cisco Networks

IBM and Cisco: Next Generation e-business Services

Highlights:

- **Provide assessment, implementation, and overall architecture and design services to help promote a smooth deployment of the IBM Integrated Security Solution for Cisco Networks within a customer's existing IT infrastructure**
- **Help improve customers' existing IT investments and lower total cost of ownership**
- **Assess a customer's combined IBM and Cisco IT infrastructure to help identify and prioritize IT threats; plan appropriate responses; critique plans for prevention and recovery**
- **Help customers design and implement end-to-end security solutions to help protect critical IT infrastructure, processes, and assets from loss or damage from disasters, accidents, or attacks**
- **Implement an integrated detection methodology to monitor ongoing processes to help identify threats**
- **Provide the skills to manage a customer's IT security operations; outsource and administer IT security controls**

Security Services as a Competitive Edge

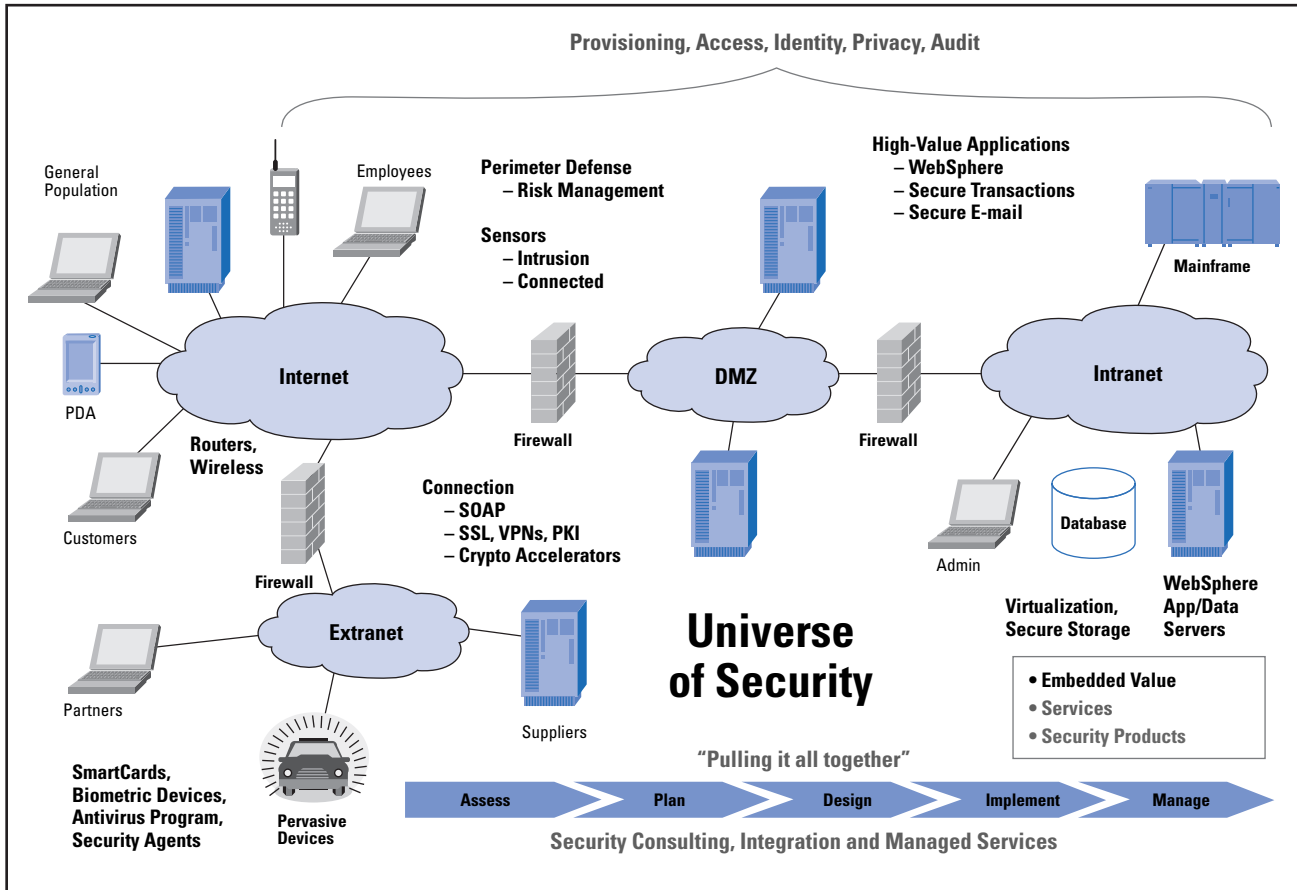
To remain competitive in the on demand world, enterprises extend the use of their IT investments in networks, systems, and applications to more efficiently connect with employees, customers, suppliers, and partners.

But while being connected in today's computing environment drives immense benefits, it also yields corresponding risks. The recent spate of viruses, worms, and Internet attacks has caused significant direct damage and a massive loss of productivity within enterprises. The increasing number of end users and devices that access networks, applications, and data also greatly impact the security of the enterprise.

IBM and Cisco Systems are extending their robust alliance to help organizations address the end-to-end security concerns of an on demand business. IBM Global Services combines people, process and technology to deliver security solutions tailored to specific business needs. Helping to mitigate risks, drive productivity and improve technology ROI through streamlining business processes can help lead organizations to improved availability and increased business resilience.

The IBM Integrated Security Solution for Cisco Networks can enable enterprises to leverage intelligent network infrastructure and deploy self-managing systems to help enhance network security as they extend their businesses and exploit the on demand evolution. Organizations can now turn to two trusted partners to help tackle the security challenges they face.

Figure 1: Universe of Security



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To fully deliver on the value of this business partnership, IBM is providing expert portfolio of services to assess your organization's IT security needs, plan the project, design the integrated security-enhanced infrastructure, help implement the solution as part of the ongoing business partnership, as well as manage the IT environment.

Integrating IBM and Cisco Security

IBM Global Services can provide tools and services to help promote the successful implementation and on-going management of the IBM Integrated Security Solution for Cisco Networks and other security initiatives. To encourage a smooth implementation, IBM Global Services can provide overall planning, installation, and testing of an integrated security solution, including business and systems consulting, design, project management, procurement, and cabling.

One of the world's leading services providers, IBM Global Services is Cisco's largest provider of services. IBM Global Services brings experienced skills in IT, networking, security, and infrastructure to implement a security-enhanced enterprise project. These capabilities of delivering worldwide Cisco solutions for customers have been honed through years of consulting for and deploying user installation solutions of all sizes. IBM Global Services has developed technical and process skills with the technologies associated with security from Cisco networking, identity provisioning, and client security concerns. This experience can be applied to help meet the risk tolerance associated with an IT infrastructure and to assist in meeting goals, managing regulations and protecting users and partners.

From consulting, planning, and design through integration and testing, IBM Global Services can offer end-to-end security services solutions. IBM Global Services business and technology consultants, with extensive industry experience and proven track record, understand the key role that the IT security plays in a business.

alliance to address security concerns of an on demand business.

Services to Assess Security Requirements

To determine if the IBM Integrated Security Solution for Cisco Networks is right for an enterprise, the following services are available to help assess an organization's current network security and establish security requirements.

Security Health Check—is a broad assessment that evaluates the effectiveness of current security controls in areas including physical security, network security, and backup and recovery. A final report identifies a company's strengths, weaknesses, and recommended actions. Over 75 management controls are covered.

Network Security Assessment—reviews the design, configuration, and deployment of internal and external networks to assess how well information assets are protected from unauthorized access, both outside and inside a company. The assessment includes a review of security controls in place, recommended actions, and may include a live test of an organization's security controls.

Network Operation Assessment for Cisco Networks—examines a company's current Cisco-enabled network to define and document network operation requirements. This assessment helps detail how a network can become more reliable, efficient, and cost-effective, and includes recommended actions that can help simplify network operations and reduce total cost of ownership.

Services to Help Implement the Components of the IBM Integrated Security Solution for Cisco Networks

The following offerings can help an enterprise implement IBM Tivoli Identity Manager, IBM Tivoli Access Manager, IBM Tivoli Security Compliance Manager, IBM Tivoli Client Desktop Patch Manager, and Cisco products that are components of the IBM Integrated Security Solution for Cisco Networks:

Network Integration and Deployment Services—helps to integrate and deploy a complex network infrastructure that leverages IBM, Cisco, and other vendor technologies. IBM Global Services consultants analyze existing networks, protocols, and wired and wireless configurations to identify performance, interoperability, and connectivity requirements and help promote the integration of all vendor components.

Integrated Identity and Access Management Service—provides delegated security administration authority for Web access on demand. This service includes user provisioning, identity administration, role-based access control, and delegated administration capabilities enabled through the integration of IBM Tivoli Identity Manager, IBM Tivoli Access Manager, and Cisco Secure Access Control Server.

Architecture and Design Services to Facilitate Integration

The following network architecture and design services are recommended to help ensure the integration of all components between the IBM Integrated Security Solution for Cisco Networks and an organization's overall IT infrastructure:

Systems Management Services for Security—includes workshops, solutions, and processes to help correlate information from security checkpoints, identify security threats, and respond to network access with adaptive security measures.

Network Consulting—provides best practices to examine where a company's network infrastructure is today, where it needs to be, and how to get it there. Through vision, strategy, assessment, architecture and conceptual design services, IBM Global Services consultants formulate a strategy for a flexible, security-enhanced, high-performance network that's right for a company today and in the future.

Systems Management Consulting and Design Services—integrates the components of systems management: people, process, technology, and data. These services can help an organization align IT services with business objectives, lower the long-term cost of IT services, and improve the quality of IT service delivery.

Additional Security-Enhancing Services

The following services can help an organization further enhance its security infrastructure as it implements the IBM Integrated Security Solution for Cisco Networks.

Ethical Hacking—simulates real intruders' attacks to gain unauthorized access to a company's internal network and data. Intrusion tests are conducted from three perspectives: a low level solitary hacker, a small team of competent hackers, and an expert team of highly motivated hackers. A final report details strengths, weaknesses, and recommendations for improvements.

Secure Solution Design Service—helps a company design a security-enhanced e-business solution that addresses business needs in one or more of the following areas: simple access, external publishing, private publishing, production access, e-commerce, collaboration, public key infrastructure, and hosting.

"Fast Start" Program with Embedded Security Chip & VPN Client—helps an organization take advantage of integrated Cisco end point security-rich technologies and IBM embedded platform security. The IBM Embedded Security Subsystem, a ThinkVantage™ Technology available on ThinkPad® and ThinkCentre systems with the Cisco VPN Client, provides hardware-based protection. This helps protect against unauthorized usage and allows access to networks with a level of security-enhanced connectivity not available in software solutions alone.

ITS Strategy and Planning for On Demand: Infrastructure Readiness Assessment, Autonomic Computing Assessment—analyzes the on demand readiness and provisioning efficiencies of IT systems and networks. These assessments help match changes in business and IT models to the on demand capabilities that are right for an organization, and lay the foundation for creating infrastructure migration plans. The autonomic computing assessment includes coverage of Cisco components.

Business Resiliency Infrastructure Recovery Services, Resilient Business and Infrastructure Analysis—help an organization improve operational efficiency, maintain continued resiliency, and support cost objectives. IBM Global Services can provide a cost-effective continuity strategy that can help an organization proactively promote continuity, better handle unforeseen interruptions, and reduce total cost of ownership.

Performance Testing and Scalability Services—helps an organization improve, plan for, and validate the performance and scalability of applications, systems, storage solutions, and networks—both IBM and non-IBM—to support key business and technology initiatives including e-business, customer relationship management (CRM), server consolidation and migration (including Linux), and storage area networks (SAN).

IT Service Management Accelerators for On Demand—delivers the components necessary to meet basic infrastructure resource management requirements in a short time. Pre-built solutions can help a company realize reduced costs, and faster revenue growth and return on investment (ROI) when implementing new solutions or IT projects.

Implementation Services for Tivoli Storage Solutions—provides installation of a basic Tivoli Storage Manager configuration and helps an enterprise plan for future backup needs. This offering consists of an in-depth review of backup environment and installation, including a documentation record of the Tivoli Storage Manager server and two clients, and a five-day, onsite engagement to help customize and implement storage policies.

For more information on how IBM and Cisco team together to provide complete enterprise integrity, see:

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