Antigen
for Sharepoint

Portal Protection Against the Latest Threats

Antigen® for SharePoint helps businesses protect their SharePoint Portal Servers and Windows SharePoint Services deployments against the latest viruses, worms, and inappropriate content.

Evolving Threats

New viruses, worms, and blended threats are increasing in sophistication, speed, and frequency. These threats are also finding new ways to propagate within corporate networks.

Portals provide workspaces where organizations and teams can collaborate and share information. By enabling collaboration, portals also unfortunately make it possible to share malicious code and undesirable content. These threats can find their way onto SharePoint portals through uploaded documents, HTML pages or mapped network drives. As the adoption and use of portals continues to grow within the enterprise, the surface area vulnerable to attack only increases.

Portal Protection with Antigen for SharePoint

Antigen for SharePoint allows users to collaborate without the risk of posting or downloading infected documents or inappropriate content. Antigen for SharePoint's comprehensive portal protection uses layered defenses,

corporate content policy enforcement, and optimization of SharePoint resources to ensure document libraries are secure and available at all times.

Layered Defenses

Antigen for SharePoint protects organizations against the latest threats by managing multiple antivirus scan engines and scanning all documents as they are uploaded and retrieved from SharePoint document libraries.

This approach allows Antigen for SharePoint to minimize the average window of exposure for emerging threats by providing and managing frequent signature updates from multiple antivirus labs around the world.

Antigen for SharePoint's layered defenses also protect against downtime. If one

engine fails or goes offline to update, other engines remain active to provide protection, ensuring access to document libraries is not compromised.

Content Control

Protecting SharePoint libraries does not end with detecting and removing viruses. Users need to be protected from inadvertent or intentional postings of inappropriate content, such as offensive language, legally or ethically questionable material, or confidential company information.

Through administrator-defined content filtering rules, Antigen for SharePoint helps enforce compliance with corporate policy for language usage and confidentiality within documents. Antigen for SharePoint also has configurable file filtering rules that help customers ensure that file types known for carrying viruses (for example, .exe) or opening organizations to legal exposure (for example, .mp3) are blocked.

Server Optimization

Antigen for SharePoint provides tight integration with Microsoft SharePoint® Portal Server and Windows® SharePoint® Services 2.0, optimizing server performance and ensuring protection that doesn't overtax server resources. With features like in-memory scanning, multi-threaded scanning processes, and performance bias settings, businesses can achieve the benefits of multiple engine scanning without introducing additional processing time or server performance degradation.
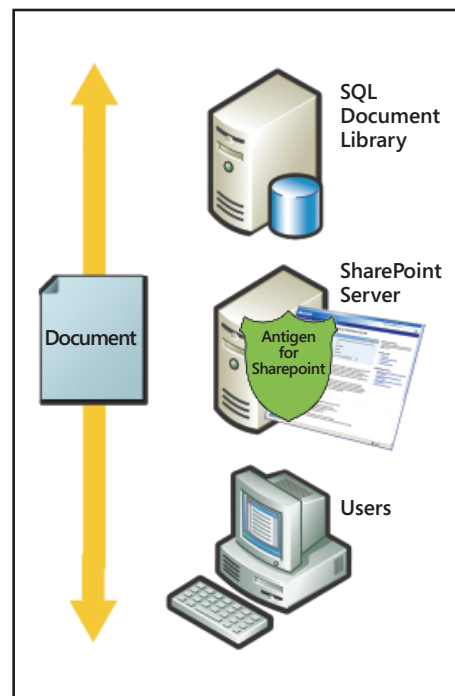
How Antigen for SharePoint Works

Antigen for SharePoint is a server-based antivirus solution that provides comprehensive protection for SharePoint® Portal Server 2003 and Windows SharePoint Services 2.0 running on Windows Server™ 2003. Real-time scanning is performed using Microsoft Virus Scanning API 1.4 to ensure documents are safe before they are saved to or retrieved from the SQL document library. Antigen for SharePoint also offers manual and scheduled scanning options.

Multiple Engine Management

Antigen for SharePoint manages four scan engines from industry leading security companies, including Computer Associates, Norman Data Defense, and Sophos.

Performance Bias Settings

In order to deliver more flexibility and control over security and server performance, Antigen for SharePoint provides bias settings that allow administrators to configure how many engines are used for a given server. Administrators can choose from settings like "Maximum Certainty" that scans with all available engines or "Neutral" that scans with approximately 50% of available engines.

In-memory Scanning

Instead of spooling data to disk for virus scanning, Antigen for SharePoint dynamically allocates available application memory to scan documents. This process provides real-time protection while maintaining server efficiency.

Multi-threaded Scanning

Antigen for SharePoint also helps improve scanning performance with the ability to create multiple, simultaneous scanning threads.

Content and File Filtering

Antigen for SharePoint provides extensive content filtering, blocking documents that contain inappropriate content. Antigen for SharePoint includes a set of predefined, customizable keyword dictionaries to target profanity, discriminatory language, and other unwanted content. Administrators also have the ability to build or import additional lists.

File filtering allows administrators to block files based on attachment file extension, type, name, and size. This enables organizations to set and manage policies for document posting. In many cases, this capability can also be used to block new malicious attacks for which there is not yet an available signature.

Automatic Updates

To ensure that engines have the latest signature files, Antigen for SharePoint's Rapid Update Process automatically downloads updates from scan engine partners as soon as they are available and tests them against a virus database. Within minutes, these engines and signatures are tested, confirmed, and posted. Antigen for SharePoint can be configured to automatically download the latest updates without queuing or stopping mail traffic.

User Notification

Antigen for SharePoint provides unique user notification for virus and inappropriate content postings. Notifications can be set to automatically generate a Web part, and virus information can be appended to the document description field.

Centralized Management

Antigen for SharePoint integrates with Sybari® Enterprise Manager™ (SEM), a browser-based management console for all Antigen products. SEM provides central deployment, centralized updating, hot upgrades, comprehensive reporting, and SMTP/SNMP alerting.

Antigen for SharePoint System Requirements

Features and functionality described require Microsoft Windows Server 2003; Microsoft SharePoint Portal Server 2003 or Windows SharePoint Services 2003; 128MB of available RAM; and 100MB of available disk space.

For more information about Antigen for SharePoint, visit http://www.microsoft.com/antigen.