

WEBSENSE DATA SECURITY SUITE



Don't make the next security headline. Protecting customer and confidential data from malicious or accidental information leaks has become a top security challenge facing organisations today. Websense can offer IT executives facing this challenge a visionary new solution.

"85% of respondents report that they had a data breach involving the loss or theft of customer, consumer, or employee data in the past 24 months."

Ponemon Institute, 2007

Websense® Data Security Suite is a leading solution to prevent information leaks; be they caused accidentally from inside your organisation or as a result of a malicious attack from outside the company. Websense Data Security Suite discovers where information is located in a network, monitors who is using the information and how they are using it. It protects valuable corporate assets, secures business processes and minimises the risk associated with conducting business in a connected world. Highly regulated industries will also benefit from improved compliance with data management regimes.

Websense has the only data loss prevention (DLP) solution that includes a robust data analysis engine that integrates with directory services and web intelligence solutions to provide in-depth reporting of users, groups, and destinations. It includes intelligent protocol inspection to detect protocol communications regardless of port, and automatically categorises incidents by type, regulation, and severity to provide valuable insight into regulatory compliance and corporate governance incidents. Powerful forensics and distributed analysis technology allows sharing of remediation tasks across large, decentralised organisations for better efficiency, while core policy decisions are administered centrally.

How Websense Data Security Suite works

Websense Data Security Suite enables organisations to secure privileged and confidential data with a unique appreciation of information content, context, and destination by:

- **Discovering** the location of sensitive data inside the network
- **Monitoring** the data as it travels around and beyond the organisation
- **Protecting** the data with policy-based controls that reflect business processes

DISCOVER

Websense Data Security Suite discovers information located throughout the network. Armed with the knowledge of where data is, organisations can identify broken business processes, create efficient workflows, and establish policies to protect confidential information.

MONITOR

Websense Data Security Suite provides complete real-time monitoring of your information wherever it resides or method of transmission; even actions such as printing are included in the monitoring process.

Websense Data Security Suite passively monitors most business communications—both external and internal—including a wide range of protocols such as email, network printing, FTP, HTTP and HTTPS, and instant messaging (IM). Administrators can identify what data is being used, where it is being transmitted, and by whom from a centralised management and reporting console.

PROTECT

Websense Data Security Suite can protect information while in use or in motion with pre-defined, automated policy-based enforcement controls. User and content-based policies can be defined to automatically block, encrypt, quarantine, notify, and remediate potential security breaches.

Discover, monitor, and protect who can send what information where and how with Data Security Suite

	DISCOVER	MONITOR	PROTECT
Who	Automatically integrate with existing directory services to enable lookups for granular user activity detail	Create customised reports for regular activity by location, group, and/or user, and analyse usage trends	Create policies, automate workflows, and manage incidents forensically in real-time
What	Automatically discover structured and unstructured data with agentless classification tools	Report on data usage and accurately monitor business processes to examine what data is in use and by whom	Secure confidential information by creating granular policies to restrict the use of sensitive data to its intended group of users
Where	Identify where data is stored in the network and combine with web intelligence to uncover the type of website to which it is being sent	Evaluate business processes to determine if data is in breach of compliance requirements and refine data security policies accordingly	Enforce policies based on decision-ready destination intelligence, e.g., prevent any information from being sent to compromised websites
How	Determine contextual content awareness by understanding how data is used by whom, its format, and location	Examine a broad range of communication channels (e.g., web, email, IM, print, etc.) and protocols, regardless of the port used	Protect data with automated controls on who sends what information where, and how, encompassing both internal and external communication

Summary

Protecting customer and other confidential information from malicious and accidental leaks is a top business and IT security challenge facing organisations today. Websense Data Security Suite is a leading leak prevention solution that prevents data loss (both external and internal), improves business processes, and manages compliance and risk management policies.

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The Websense difference - Deep Content Control™

Websense Data Security Suite goes beyond simple keyword and pattern matching solutions; it provides Deep Content Control™ to discover, monitor, and protect confidential information. Deep Content Control combines the ThreatSeeker™ and PreciselD™ technologies to enable organisations to discover where confidential information is on the network, and secure “what goes where, to whom and how.”

The PreciselD fingerprinting technology generates an “information fingerprint”, a mathematical representation of a group of characters, words, sentences or data fields within a document, message or database and precisely identifies the designated sensitive data together with its extended metadata.

Websense Data Security Suite fingerprints information from most databases and analyses hundreds of megabytes each minute. Its sophisticated algorithms can, for example, distinguish if a social security number belongs to a customer or an employee, allowing organisations to implement data protection policies that are relevant to specific business processes. Our fingerprinting technology also covers a broad range of unstructured data, including financial data, software source code, business plans, and product designs. Websense Data Security Suite can categorise content by type, risk, and applicable regulation. These capabilities enable IT departments to enforce security policies, in line with business requirements.

Our ThreatSeeker technology classifies the Web - including sites harbouring emerging web threats - for accurate, automated policy control of inbound and outbound content that is beyond the capabilities of anti-virus and intrusion prevention systems. ThreatSeeker technology:

- Finds, blocks and protects customers from Web-based security threats before they can steal business information and affect business productivity
- Leverages more than 100 proprietary processes and systems to decipher emerging and complex threats
- Combines mathematical algorithms, behaviour profiling, code analysis, and an extensive network of data mining machines
- Provides ongoing threat intelligence to all Websense security software products

To request a risk assessment and proof of concept of Websense Data Security Suite please contact your local Websense representative.

For a free Risk Assessment, visit www.websense.com/RA

