



“[For internal breaches], two-thirds were the result of deliberate action and the rest were unintentional.”

**Verizon Business**  
2009 Data Breach  
Investigations Report

## Websense

# Data Protect

The adverse impacts of a data breach are clear: from tarnished brand reputation and loss of customer confidence to penalties and fines from regulators. Preventative measures are essential. Whether the breach is due to broken business processes or malicious activity, the only way to effectively manage data loss on the network is with accurate, real-time visibility combined with automated controls.

Websense® Data Protect is the leading network data loss prevention solution to monitor and automatically protect against data loss. Websense Data Protect shows more than just what confidential data is being lost and how it is being lost, but also provides real-time information on who is leaking the data, where it is going, and what customer data it may represent. This means more accurate and actionable alerts, eliminating the risk of disrupting legitimate business processes with actions in the form of automated controls.

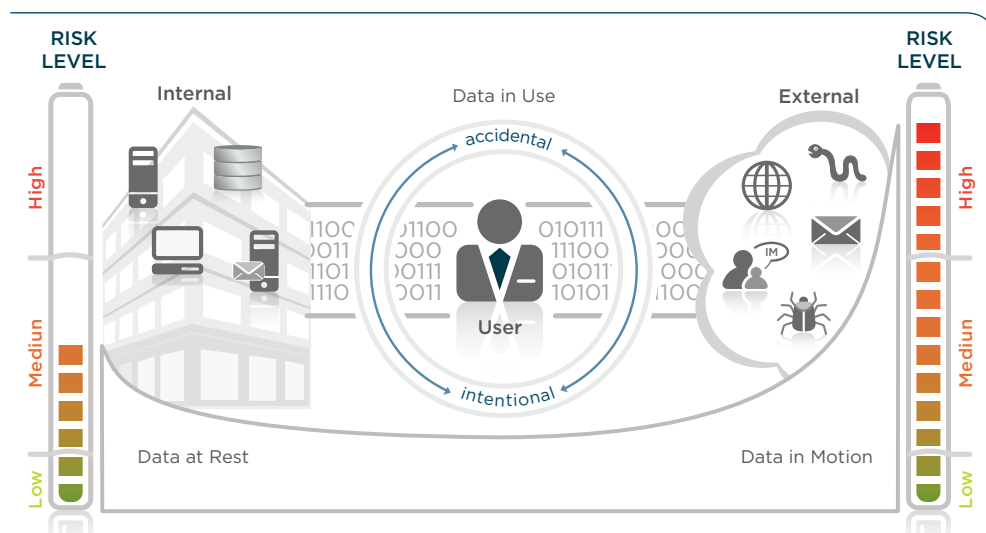
### How It Works

Websense® Data Protect is the leading network data loss prevention solution to monitor, report and enforce on data loss. Unlike competitive solutions that hinder productivity by blocking entire applications, Websense Data Protect is the only solution to automatically provide

context to identify **what** customer data is being lost and real-time information on **who** is using the confidential data and **where** this data is going on the network. This means automated action on these violations, with less effort for administrators and fewer helpdesk calls.

Websense Data Protect offers:

- **Automated, policy-based enforcement** options including block, quarantine, file removal, encrypt, audit/log, user notification in real time
- **Unrivaled visibility and control** with automated, real-time enforcement
- **Accurate identification of confidential data** with a comprehensive set of technologies
- **Extensible and powerful policy framework** providing visibility and control over confidential data on your network
- **Flexible architecture** to reduce deployment costs, including integration with Websense Web Security



Focus on protecting the network first with Websense Data Protect



More Visibility, More Efficiency:

“...two engineers put Websense Data Security Suite into production within four hours, providing immediate and automatic encryption for every piece of confidential data...”

**Roger McIlmoyle**  
 Director of technology services  
 TLC Vision

**Competitor Alert**

**Data:** PCI & PII  
**Source:** 10.14.222.21  
**Channel:** Web  
**Destination:** 10.14.222.21

**Websense Alert**

**Data:** PCI & PII, customer database  
**Source:** Joe User x1234,  
 juser@company.com  
 Title: Associate  
 Dept: Finance  
 Manager: Jane Manager x1234,  
 jmanager@company.com

**Channel:** Web  
**Destination:** mail.google.com  
 Type: Personal webmail site  
 Location: Mountain View, CA

VS

- Limited Context
- More work for IT administrator

Consider a typical data loss alert, where only the IP address and application channel is presented, leaving the burden on the IT manager to determine who to notify and what specific destinations may be receiving confidential data.

- User and Destination Awareness
- Faster time to remediation

With Websense Data Monitor it's easy to see that PCI and PII data have been lost via a Web channel (**how**), through a specific webmail URL (**where**), by Joe User in Finance (**who**) — providing visibility, *efficiently*. This alert is also relevant and actionable given that it is generated in real-time, providing contact details, title and anything else provided by integration with Websense Web Security.

Web activity alerts provide everything you need to know to assure stakeholders that risk has been mitigated and that compliance objectives are met.

**Properties** Forensics History ID: 17354

**Details:** ICAP http://groups.google.com/group/test\_websense/post  
**Source:** 10.150.16.11  
**Destination:** 74.125.93.113 **Category:** Message Boards and Forums

**Violated Policies**

|   |            |
|---|------------|
| PCI/PCI: Credit-Card Numbers ... (PreciseID Patterns)                       | 18 Matches |
| Social Security Numbers / SSN: delimited Social Sec... (PreciseID Patterns) | 18 Matches |
| Social Security Numbers / SSN: Wide (1.3) (PreciseID Patterns)              | 18 Matches |
| Social Security Numbers / SSN: Wide - ICAP & Lotus ... (PreciseID Patterns) | 18 Matches |
| PCI/PCI: Credit-Card Numbers ... (PreciseID Patterns)                       | 18 Matches |
| PCI/PCI: Credit-Card Numbers ... (PreciseID Patterns)                       | 18 Matches |
| Social Security Numbers / US SSN (NLP Policy) (PreciseID Patterns)          | 17 Matches |

**Incident Details**

Status: New  
 Urgency: Moderate  
 Detected by: ICAP Server demo-pro...  
 Local Date Detected: 10 Apr. 2009, 04:29:33 PM GMT-0400  
 Analyzed by: Management DSS Server  
 Action: Blocked, Notified, Audited  
 Assigned to: Unassigned  
 Channel: ICAP  
 Protocol: HTTP  
 Incident Tag: N/A  
 Date & Time: 10 Apr. 2009, 5:29:33 PM

**Source Details**

Full Name: Doe, John  
 Username: jdoe  
 Email: jdoe@demo.websense.com  
 IP Address: 10.150.16.11  
 Title: Product Marketing Manager  
 Manager: Madoff, Bernard  
 Phone Number: +1 301 9292333  
 Department: Marketing

**File Details**

File Name: post - 4 KB  
 Attachment Size: 4 KB in total

Visibility and control with destination awareness



Websense is positioned in the leaders quadrant by Gartner in their most recent Magic Quadrant for Content-Aware Data Loss Prevention.

**Gartner, Inc.** "Magic Quadrant for Content-Aware Data Loss Prevention"\* by Eric Ouellet and Paul Proctor, June 22, 2009.

| Features  | Benefits  |
|---|---|
| Automated enforcement in real-time  | <ul style="list-style-type: none"> <li>• <b>Flexible enforcement options</b> including user notification, user confirmation, audit/log, quarantine, block, encrypt, remove files from network transmission</li> <li>• <b>Enforce confidentiality:</b> Routing to third-party encryption gateway</li> </ul>  |
| Visibility into numerous network channels through passive traffic monitoring                          | <ul style="list-style-type: none"> <li>• <b>Network monitoring</b> HTTP, HTTPS, SMTP, IM, FTP, P2P, printing (optional OCR agent), and dynamic Web 2.0 content</li> <li>• <b>Reduce violations</b> with user notification of policy violations</li> <li>• <b>Real-time destination awareness and user details for Web traffic</b> reduces manual efforts to resolve IP addresses to user machines, user identities, and destination URL categories</li> <li>• <b>Monitoring of internal email communications</b> for confidential data sent from one employee to another</li> </ul>           |
| Built-in data identification using patented Precise ID™ technologies                                  | <ul style="list-style-type: none"> <li>• <b>Automated, accurate identification of confidential data:</b> keywords, dictionaries, fingerprinting, regular expressions, thresholds, context, proximity, and correlation for both unstructured and structured data, regular expressions, thresholds, context, proximity, correlation and combinations between database fields, etc.</li> <li>• <b>Effective detection:</b> Reduce false positives and business disruption by disregarding data if not mapped to customer data (by using fingerprints) or if below specified threshold</li> </ul> |
| Flexible deployment options including built-in Web proxy and integration with third-party Web proxies | <ul style="list-style-type: none"> <li>• <b>Simple deployment with Websense Web Security integration:</b> Route HTTP, HTTPS, FTP traffic for analysis from Web security via ICAP protocol</li> <li>• <b>No need for additional solutions:</b> Built-in monitoring for HTTP, SMTP, IM, FTP and HTTPS</li> <li>• <b>Flexible and cost effective:</b> Multiple deployment options</li> <li>• <b>Investment protection:</b> Add modules for DLP on endpoint and discovery as needed</li> </ul>  |
| Comprehensive and current policy templates, centralized policy and incident management and reporting  | <ul style="list-style-type: none"> <li>• <b>Built-in wizards to make it easy:</b> Websense-maintained templates for industry, regional regulations; pre-defined checks for PII, PHI, PCI, and PFI</li> <li>• <b>Apply consistent policies</b> across network channels including Web, secure Web, email, FTP, IM, P2P and more</li> <li>• <b>We keep track of regulations, so you don't have to:</b> Dedicated research team reviews industry and regional regulations and updates templates regularly</li> </ul>  |

**Websense, Inc.**  
San Diego, CA USA  
tel 800 723 1166  
tel 858 320 8000  
www.websense.com

**Websense UK Ltd.**  
Reading, Berkshire UK  
tel 0118 938 8600  
fax 0118 938 86981  
www.websense.co.uk

**Australia**  
websense.com.au

**Brazil**  
websense.com/brasil

**Colombia**  
websense.com/latam

**France**  
websense.fr

**Germany**  
websense.de

**Hong Kong**  
websense.cn

**India**  
websense.com

**Ireland**  
websense.co.uk

**Israel**  
websense.co.uk

**Italy**  
websense.it

**Japan**  
websense.jp

**Malaysia**  
websense.com

**Mexico**  
websense.com/latam

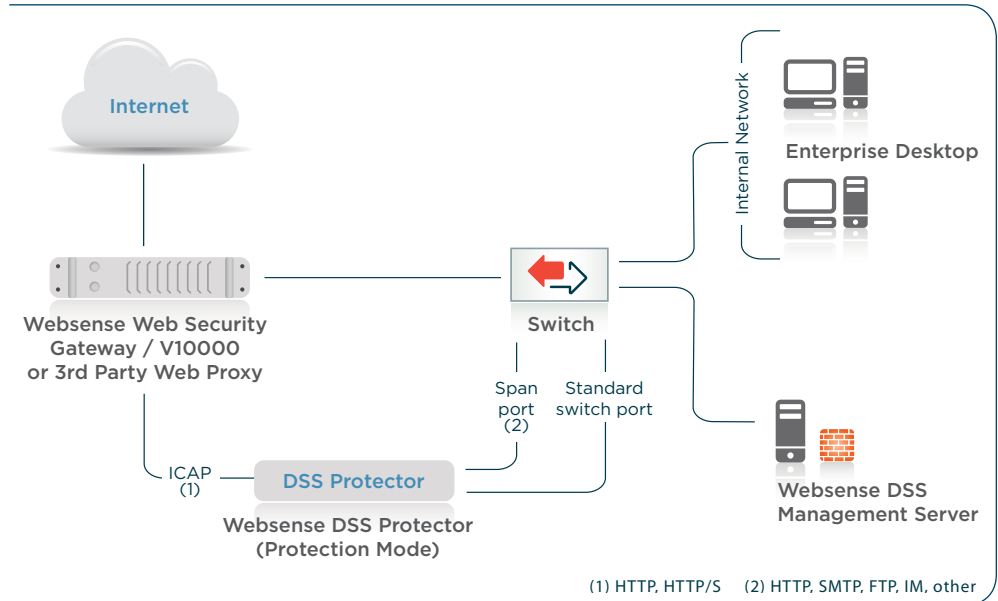
**PRC**  
prc.websense.com

**Singapore**  
websense.com

**Spain**  
websense.com.es

**Taiwan**  
websense.cn

**UAE**  
websense.com



Typical deployment option for Data Protect

## Technical Specifications:

See Users Guide for more details

### DSS Protector (monitoring component)

#### System Resources

See Certified Hardware document for more details

Certified Vendors: IBM, HP, Dell, Network Engines

Dual or quad core Intel Xeon processors

1, 2, 4 GB RAM (fully buffered DIM)

Minimum 74 GB, hot pluggable hard drives

NIC 1000/100/10 Mbps

#### Software Resources

(included) Hardened Linux Operating System with Websense Data Monitor or Data Protect software

### DSS Server (management component)

#### System Resources

Two 2.4 GHz Intel or AMD Processors or better

4 GB RAM

Four 74 GB, 15K RPM, SCSI U320 hard drives (minimum) in RAID 1+0

NIC 1000/100/10

#### Software Resources

Windows 2003 Server standard R2 edition, latest Service Pack

#### Part Numbers and Description

SKU: WDP-X-XXXX-X

Descriptions: Websense Data Protect

Options: # seats, support, printer agent, content gateway, subscription duration, new/renew/additional seats.

\*The Magic Quadrant is a graphical representation of a marketplace at and for a specific time period. It depicts Gartner's analysis of how certain vendors measure against criteria for that marketplace, as defined by Gartner. Gartner does not endorse any vendor, product or service depicted in the Magic Quadrant, and does not advise technology users to select only those vendors placed in the "Leaders" quadrant. The Magic Quadrant is intended solely as a research tool, and is not meant to be a specific guide to action. Gartner disclaims all warranties, express or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.