ePrism Email Security

Data Loss Protection (DLP)

ePrism's data protection module provides advanced Data Loss Protection (DLP) technology that analyzes information being sent out of your network, to detect private content in data in motion and prevent sensitive and confidential data from leaving. ePrism DLP gives you the powerful tools you need to comply with government regulations, such as HIPAA, SOX, GLBA and others.

Highlights

- Supports regulatory compliance, AUP and your peace-of mind by protecting confidentiality and privacy
- Easy setup and management and low TCO
- Integrated for multi-layered protection against emerging threats and data loss
- Supports all email gateways
- Requires no additional software or hardware
- Two encryption options to increase flexibility

DLP Module

ePrism DLP gives you the powerful tools you need to comply with government regulations and prevents the outbound communication of email containing all types of private or objectionable data, including:

- Patient healthcare information (PHI)
- Financial information
- Social Security Numbers
- Credit Card Numbers
- Custom word lists specific to your industry

How DLP Works

- Initial Detection: DLP analyzes the content of data in motion to identify any sensitive data, such as private health or financial information, leaving the network.
- Content Analysis: Performs deep packet inspection in data and files being transferred on your network to analyze the content of reassembled network packets and identify private information that may be leaving your network. Content analysis is performed across numerous file types
- Define & Enforce: You can specify what action to take when a content analysis violation is found: Deliver to recipient, hold in quarantine for review, block or send encrypted.

ePrism's built-in content analysis helps you comply with regulatory legislation and defend against:

- Exposure of personal healthcare information
- Capture of financial information
- Credit Card Matching
- Social Security Number Matching

Benefits

- Easy To Deploy
- Unprecedented Accuracy – Lexicons and logic engine allows precise deterministic analysis
- Low Latency – Proprietary technology rapidly analyzes and detects data triggering compliance enforcement

Implementation Is Easy

Just route your SMTP email to the ePrism Email Security solution and configure the policies for DLP. ePrism then analyzes the email leaving your organization for violations of any content analysis types that are enabled. You can also specify what action to take when a content analysis violation is found: Deliver to recipient, hold in quarantine for review, block or send encrypted

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Credit Card Matching

Major credit card companies use standard numbering sequences that are unique to each brand of card, such as Visa, MasterCard, or Discover. ePrism DLP catches any credit card numbers that might be leaving your organization with matching technology that recognizes the identifiable patterns of numbers all major credit card companies use. In addition, we employ the LUHN algorithm to validate the number, which virtually eliminates the possibility that messages will be incorrectly identified as policy violations.

Social Security Numbers

ePrism DLP has a built-in extended regular expression that identifies U. S. Social Security numbers contained in data and files being transferred from your network. With identity theft still a critical, global problem, keeping this information from leaving your organization is vitally important.

File Types Analyzed

In addition to the features mentioned, ePrism DLP analyzes almost 500 types of files for private content. A table listing can be found on a separate data sheet.

Personal Healthcare and Financial Information

ePrism DLP includes built-in word lists (lexicons) for the financial and healthcare industries that prevent accidental or malicious exposure of personal health or financial information – a critical factor in complying with regulatory requirements. Our solution uses these and other lexicons to examine the contents of data and files, identifying specific words and phrases unique to the financial and healthcare industries. This feature also requires a match on information that would identify the person, helping prevent false positives. For example, if the phrase “broken tibia” is matched, information that would identify the person involved must also be matched, such as “client John Doe” or “patient number 0123456”.

Personal health information (PHI) is protected by the Health Insurance Portability and Accountability Act (HIPAA) Privacy Rule enacted in 1996. Protection of personal financial information is required by the Gramm-Leach-Bliley Act (GLBA) enacted by the U.S. Congress in 1999. Edgewave’s ePrism DLP is designed to help you achieve your regulatory compliance in an easy to use solution.

Objectionable Content

The DLP Service can be configured to monitor for key words that are specific to your industry or corporate policies. Even if your organization is not subject to government regulations there are numerous use cases where certain information should not be sent via email. From Human Resources to Finance content, the ePrism DLP service can help you rest easy knowing that email will be used for only the purpose you specify.

Other EdgeWave ePrism Services

Email Security

Email Security provides unrivalled email defense against internal and external threats such as spam, viruses, spyware, phishing schemes, identity theft, and other dangerous or offensive content.

Email Continuity

EdgeWave Email Continuity provides an uninterrupted flow of your email stream in case of unplanned or planned shutdown.

Email Archive

Our affordable Email Archive retains your email in an unalterable state to help you meet requirements for regulatory compliance, litigation issues and storage management needs.

For more information see individual data sheets covering each of the above services

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