

# Managed Email Security

## Securing the internet business



### Executive Summary

Today's email threat landscape is dominated by converged email and Web attacks with over 85 percent of unwanted email now containing an embedded URL. Organizations are also facing increasing risks associated with loss of data and violations of acceptable email use. And while email threats are becoming increasingly complex, managing email security doesn't have to be.

### Managed Email Security Service

BESECURE's Managed Email Security Service integrates best-in-class Web security and data security technology with email security to achieve unparalleled visibility into emerging threats and one of the highest levels of protection from inbound and outbound email security risks. This easy-to-manage service provides highly accurate protection against spam, viruses, spyware, phishing, and converged email and Web threats. Pre-defined content dictionaries help makes it simple to prevent data loss, meet regulatory requirements, and enforce policies on acceptable email use.

### The Service Elements

BESECURE Email Security enables customers to:

- Increase protection with leading security from converged email and Web 2.0 threats
- Enforce outbound compliance and data loss protection with granular and highly accurate content filtering to help organizations achieve better corporate governance
- Gain visibility through reporting by helping to monitor email usage with a customizable dashboard, interactive drill-down reports, automatic report scheduling, and delivery

BESECURE's Managed Email Security Service consists of following security packages:

### AntiSpam

BESECURE provides highly accurate spam blocking with very low false positives that is backed by a 99 percent spam detection service level agreement. A combination of technologies is used to identify spam including sender reputation, adaptive learning, URL analysis, heuristics, digital fingerprinting, and optical recognition of image spam. Most importantly, it is the only solution that integrates market-leading Web security technologies to protect against phishing and converged email and Web threats. Each email is assigned an aggregate score, which is compared to a customer-defined threshold to determine what action should be taken.

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## Antivirus

Inbound and outbound email is scanned for viruses, spyware, and other forms of malware using a multilayered approach with multiple commercial antivirus engines to protect against both known and unknown threats. BESECURE provides zero-hour protection in corporation with leading security vendors which continuously examining email and Web sites to detect trends and patterns that identify emerging threats closing the window of exposure between a new malware outbreak and availability of a detection signature.

## Content Filter

BESECURE integrated technology from market-leading data security solution vendors that make it easy to prevent data loss, meet regulatory requirements, and enforce policies on acceptable email use. Pre-defined dictionaries covering 20 topics in 12 languages plus built-in PCI-DSS and data privacy templates help organizations quickly identify and stop email policy violations. Unique inspection requirements can easily be met with advanced regular expressions and flexible policies. Violations are identified through in-depth inspection of both the email message and the content within the attachment. Messages can also be quarantined based on attachment true file type and deferred for later delivery based on size.

## Encryption

BESECURE Email Security Service encryption secures email communications without sacrificing the ability to inspect encrypted email for malware and content violations. Service supports server-to-server encryption using industry standard transport layer security (TLS) and ad hoc park-and-pull encryption for communicating to individuals. Encryption policies can be set up to encrypt communications based on sender, recipient, outlook sensitivity settings, or a keyword in the subject. Encryption can be in used conjunction with content filtering to encrypt emails that contain specific content, such as sensitive or confidential information.

## The BESECURE Security Advantage

The Managed Email Security Service Email Security Service filters inbound e-mails for spam, phishing scams, viruses, and other threats before messages enter the network; outbound e-mail is checked, too. Service provides reduced network and infrastructure overhead since about 80 percent of inbound e-mail that is considered to be spam, viruses, or some other attack is being prevented before breaching your perimeter. Users can access and manage their own quarantines, set their own spam sensitivities, and create their own whitelists and blacklists.

The BESECURE security portfolio provides a range of managed security services for small companies through to major corporate, with simple modular additions and upgrade options.

