

Corporate Boundary Email Encrypted Solution

Policy-based Encryption Solution

The SSLPost Corporate Boundary Email Encryption Solution is a policy-based managed encryption solution that provides organisations with an easy way to enforce email encryption solution seamlessly without disrupting day-to-day operations and work of their employees.

The Boundary Encryption Solution uses a secure server connection and encryption technology to encrypt the email between your organisation and the external email recipients. All messages and attachments are encrypted to ensure complete confidentiality. The Email Boundary Encryption service is compatible with any SMTP compliant email messaging platform including Exchange Email Server.

This encryption solution protects organisations from liabilities associated with privacy and security regulations and enables administrators to define policies around company confidential data that is being shared over the Internet.

Why Use an Email Boundary Encryption Service?

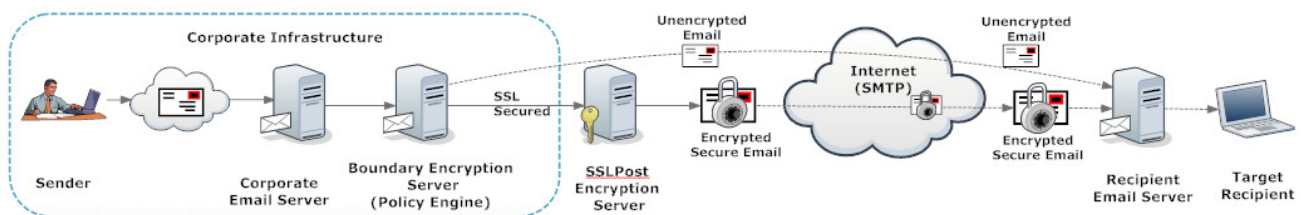
Data contained in emails can be intercepted and then read, deleted or altered before it reaches the intended destination. Our Email Boundary Encryption service ensures the complete confidentiality of email communications and the information they contain. The BE Servers can be provided within the corporate environment for large organisations (figure 1) or by using the SSLPost hosted BE service (figure 2) which requires minimal in-house management and avoids the need to use or invest in hardware or software.

The policy based product allows businesses to prevent data loss and leakage by enforcing encryption. The encryption is transparent to end users, allowing businesses to comply with industry data regulations such as FSA regulated businesses.

How Policy-based Encryption Works

The policy-based solution is an enterprise solution which works by routing your outbound emails through SSLPost Boundary Encryption Server and Policy Engine as shown in figure 1.

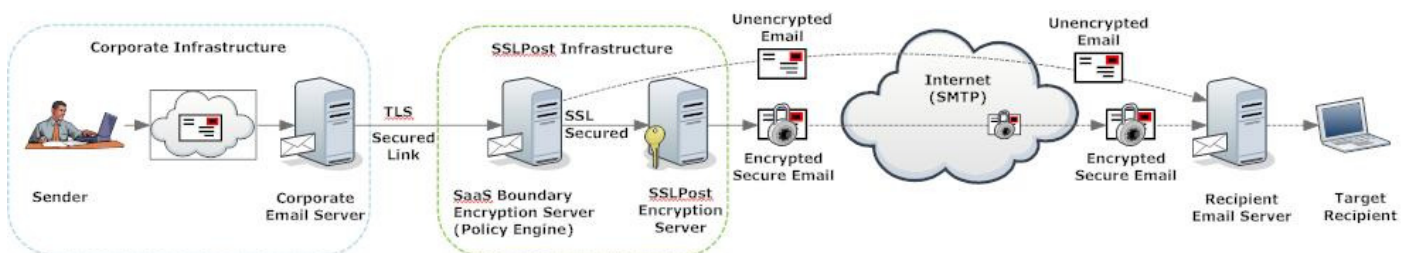
Figure 1: Corporate Boundary Encryption Solution.



The encryption solution is a straight forward SMTP mail relay solution that can fit practically anywhere within your email architecture. The SSLPost policy-based solution performs encryption and provides reporting for your encrypted messages. The Boundary Email Encryption service is compatible with any SMTP compliant email messaging platform including Microsoft Exchange Email Server and any email client such as Outlook.

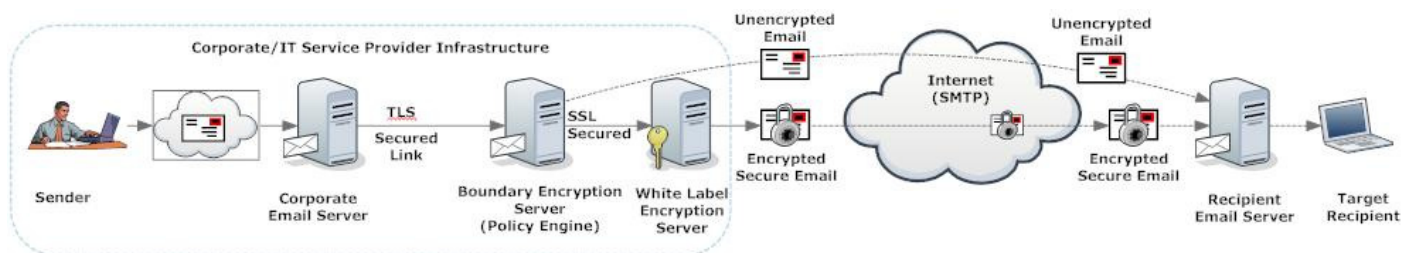
SSLPost BE product can be configured in a number of additional ways. The SSLPost Hosted SaaS BE service, shown in figure 2, requires minimal in-house management and avoids the need to use or invest in hardware or software as the BE Server is located within the SSLPost infrastructure.

Figure 2: Hosted SaaS Boundary Encryption Solution.



SSLPost also offer a full white label solution to corporate companies and IT Service Providers. This service offering allows both the White Label Encryption Server and the Boundary Encryption Server to be hosted within the Corporate Infrastructure to provide a full white label solution as shown in figure 3.

Figure 3: White Label Boundary Encryption Solution.



The encryption service allows selective encryption of emails to be implemented from a companywide policy or right down to individual user level; the service makes it simple to create and enforce effective encryption policies:

- 🔒 You can create encryption policies specific to your company's policies such as encrypting all outgoing emails or emails that come from a particular department that have attachments
- 🔒 You can create encryption policies to encrypt every message and attachment sent to certain companies
- 🔒 Outbound emails travel between your email server and SSLPost relay server and policy engine via TLS-encrypted tunnel.
- 🔒 SSLPost relay server scans the messages against your policy, automatically encrypting the messages that trigger security settings.
- 🔒 The recipient views their encrypted message either from their inbox or through a secure web portal.
- 🔒 Recipients can reply through a secure portal, via an outlook plug-in or SSLPost policy-based encryption system.

Key Benefits

- ✓ Enforces email encryption without disrupting day-to-day operations.
- ✓ Helps protect organisations from liabilities associated with privacy regulations.
- ✓ Encryption complexities are hidden from the end user ensuring ease of use.
- ✓ Includes reporting tools.
- ✓ Monitors all messages to ensure compliance.
- ✓ Compatible with any SMTP compliant email messaging platform.