



Product Overview:

SBX SecureShare™ Express

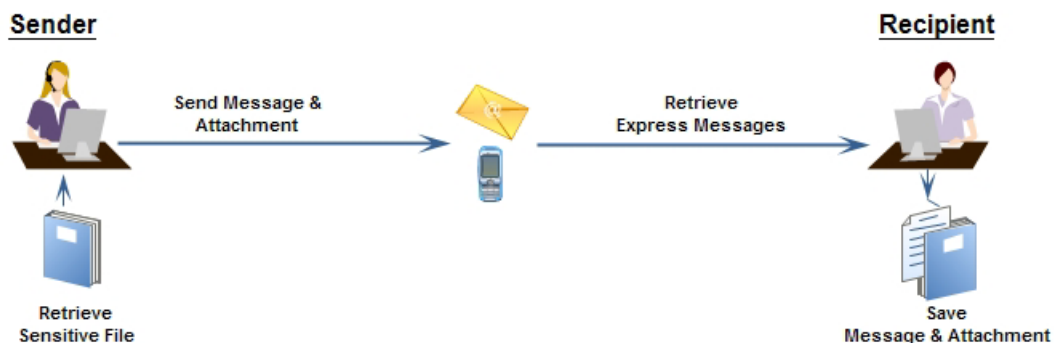
Secure Everyday Messaging

SBX SecureShare™ Express is an email-like secure messaging application that seamlessly integrates world-class security technology into everyday message communications.

Employing a familiar, browser-based user interface, SecureShare™ Express streamlines the process of exchanging sensitive messages and files, improving both efficiency and security.

Using SBX SecureShare™ Express

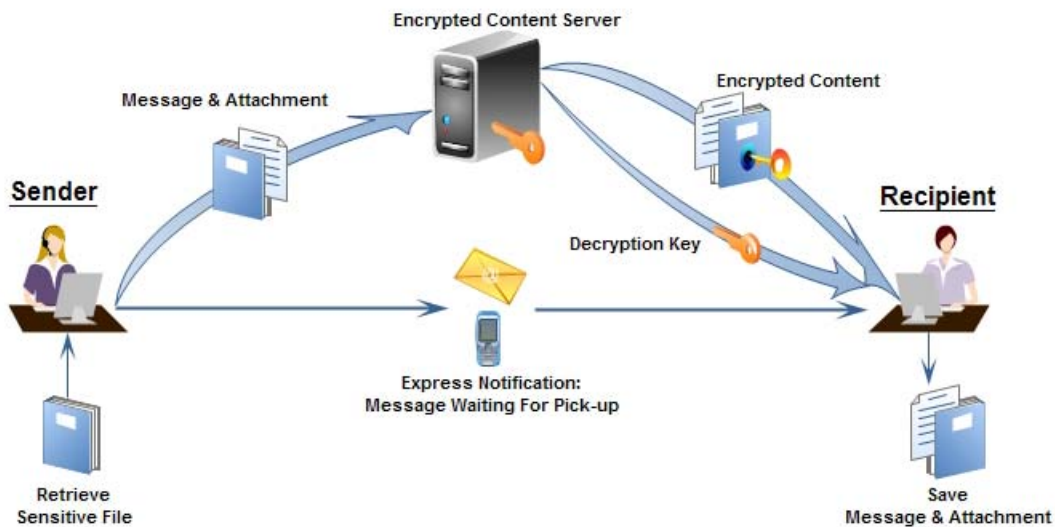
From the user's perspective, SecureShare™ Express works just like conventional email. The Sender creates a message, attaches a file if desired, specifies recipients, and sends it. After being notified by email and/or SMS that they have an Express message to be picked up, Recipients select and retrieve their messages and attachments. Using routine work processes, therefore, sensitive messages and attachments can be easily sent and received without burdensome procedures and requirements.





Despite the ease of operations from a user's perspective, of course, there is a lot more going on under the surface with SBX SecureShare™ Express than meets the user's eye.

The following diagram provides an overview snapshot of what is behind the scenes of a typical SecureShare™ Express message.



As can be seen, sensitive messages and file attachments are never “in the open” with SBX SecureShare™ Express. Following the Send command, messages and attachments are (separately) encrypted and stored in a secured content server – the only thing that gets sent to the Recipient is the notification that a message is ready for pick-up.

When the Recipient, who must be logged in and authenticated by Express, selects the message from their in-box, they are actually interacting with the SBX security framework which evaluates the Recipient's access privileges and, if appropriate, authorizes a download of the encrypted message, the encrypted attachment, and, separately, the discrete decryption key associated with these components.

It is only following download to the Recipient that the encrypted content and the decryption key come together and the message/attachment are decrypted. Any restrictions that the Sender placed on the original file attachment – authentication requirements or rules such as no-copy, no-print, etc. – will be retained in the Recipient's copy of the file. It is also important to note that the Sender, for whatever reason, may revoke the message at any point prior to the Recipient's actual download.



Key Features of SBX SecureShare™ Express

SBX SecureShare™ Express combines easy-to-use messaging with exceptional, layered security.

Operating Features

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| • Simplified Interface | Easy-to-use interface for both senders and recipients |
| • No Client Software Required | Entirely browser-based, eliminates installation & on-going maintenance of client software |
| • Message Notifications | Message waiting notification via conventional email and/or (optionally) SMS |
| • Message Revocation | Revocation of message at any point prior to recipient download and decryption |
| • No Size Limits | No size limits on message attachments |
| • Automated, Self-Service End-User Registration | Processing & activation of registration applications subject to (optional) security oversight & approval |
| • Message Status | Real-time reporting on message status |

Security Features

- | | |
|--|---|
| • Government-Level Encryption | AES 256 |
| • Encryption Processes | Message and file attachment encryption |
| • Messages Retrieved, Not Sent | Message waiting notifications sent, but only registered users can retrieve actual messages after logging in and being authenticated |
| • Integrated Access Management | Access control and data protection capabilities of SBX Enigma™ technology – CC EAL 2+ |
| • Preserves Attachment Properties | All attachments preserve their original properties (authentication, no-print, no-copy, no-paste, no-save, etc.) |
| • Comprehensive Audit | Fine-grained audit of all Sender and Recipient activities |



The Role of SBX Enigma™ Technology

Underlying all SecureShare™ processes is a pervasive security framework managed by SBX Enigma™, a Common Criteria certified technology providing exceptional access control and data protection functionality.

The security functions of SBX Enigma™ are employed at essentially every step in the Express messaging process, including:

- Authentication of all users,
- Storage & management of all message and file identities,
- Storage & management of all encryption keys,
- Authorization of all download & decryption activities.
- Audit of all events

The following diagram provides a snapshot of the primary interactions with SBX Enigma™ and serves to emphasize the comprehensive nature of the security framework integrated throughout SBX SecureShare™ Express.

