

## DataMotion™ SecureMail Delivery via SafeTLS

DataMotion SecureMail provides easy-to-use encrypted email messaging and data transfer via the Internet for protecting all of the important information flowing between you, your business partners and your clients.

Transport Layer Security or TLS for short is one of the core mechanisms used for ensuring secure transport of an email and its contents over the internet. A particular TLS system known as Opportunistic TLS became a popular workaround for traditional secure email solutions by sending messages over TLS as long as the intended recipient could accept TLS connections. The convenience of this approach is undeniable as messages and file attachments sent using TLS can be shown as plain text in the recipient's inbox thereby eliminating the need for any embedded web links, logins or passwords to view the message content or open attachments. The poignant downside to this approach however, is the message will be sent completely unencrypted should the system be unaware of what connection types the recipient accepts.

“Delivering secure email messages and attachments directly to recipient's inbox as clear unencrypted text, without keys or logins is a great way to simplify the compliance process.

Your users will love the simplicity.”

Bob Janacek  
CTO & Co-Founder  
DataMotion

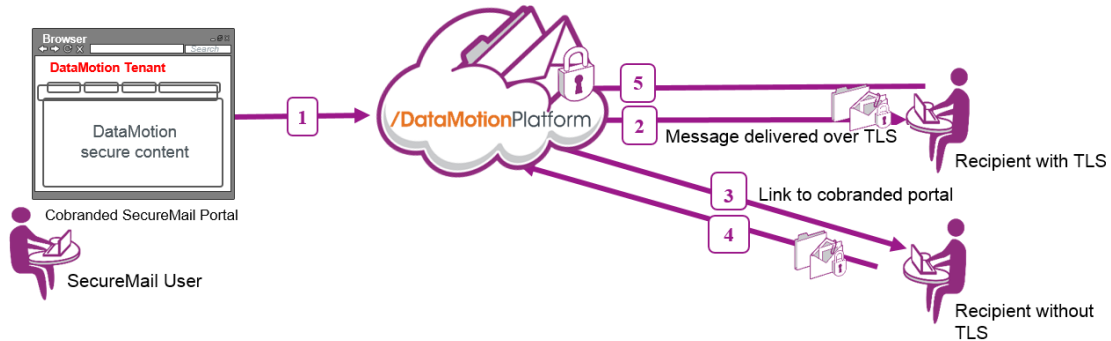
### Solution

Thanks to the existing infrastructure of the DataMotion SecureMail Platform, our SafeTLS capitalizes on the positives of using opportunistic TLS for message sending, while eliminating the drawbacks of unencrypted sending. SafeTLS accomplishes this by determining whether or not the intended recipient will accept TLS before delivering the message. If the recipient does not accept TLS, then the message will not be delivered as plain text, but instead a notification link will be sent telling them to log into our secure web portal to retrieve the message. All SafeTLS delivered messages ensure secure responses from recipients via a configurable footer message that contains a link to create a secure reply.



### How It Works

1. Sender sends a secure message.
2. DataMotion Platform attempts to deliver the message over TLS. If the recipient's email server accepts TLS delivery, the message is delivered directly to the recipient over secure TLS connection.
3. If the Recipient's email server does not accept TLS delivery, the message is routed to the DataMotion SecureMail SaaS for delivery via the co-branded SecureMail web portal.
4. The Recipient gets the notification that contains a link for message retrieval and downloads the message.
5. The Recipient can reply securely by clicking on a link inside the received message body.



Features	Benefits
Secure clear text delivery of messages to recipients	Simplifies user experience and saves time for recipients by eliminating account creation process
Configurable footer in the body of every message for responding securely	Eliminates risks of exposing sensitive data in replies to secure messages
Configurable by corporate email admin	Enables enterprises to control security and compliance

For more information on SecureMail and SafeTLS contact us at:

1-800-672-7233

or

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**CONTACT US WITH QUESTIONS:**

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