

1 SPX Encryption

SPX (Secure PDF Exchange) encryption is a next-generation version of email encryption. It is clientless and extremely easy to set up and customize in any environment. Using SPX encryption, unencrypted email messages and any attachments sent to the UTM are converted to a PDF document, which is then encrypted with a password. You can configure the UTM to allow senders to select passwords for the recipients, or the server can generate the password for the recipient and store it for that recipient, or the server can generate one-time passwords for recipients.

When SPX encryption is enabled, there are two ways how emails can be SPX encrypted:

- Each SMTP user can download a Microsoft Outlook plugin in the User Portal (see chapter *Management > User Portal > SPX*). After having it installed, an *Encrypt* button is displayed in the Microsoft Outlook user interface. To encrypt a single message, the user needs to enable the *Encrypt* button and then write and send the message. Only if something goes wrong, for example the sender does not enter a valid password, a notification will be sent, if configured.
- In the Data Protection feature, you can specify to automatically SPX encrypt emails containing sensitive data (see *SMTP > Data Protection* tab).

The encrypted message is then sent to the recipient's mail server. Using Adobe Reader, the recipient can decrypt the message with the password that was used to encrypt the PDF. SPX-encrypted email messages are accessible on all popular smartphone platforms that have native or third-party PDF file support, including BlackBerry and Windows Mobile devices.

Using the SPX reply portal, the recipient is able to answer the email in a secure way.

SPX encryption can be activated in both SMTP configuration modes, Simple mode and Profile mode. If using Simple mode, a global SPX template can be chosen. The SPX template defines the layout of the PDF file, password settings, recipient instructions, and SPX reply portal settings. If using Profile mode, you can define different SPX templates for different SMTP profiles. So, if you are managing various customer domains, you can assign them customized SPX templates containing for example different company logos and texts.