

# Sophos SPX email encryption

Encryption makes data unusable in the wrong hands. By applying the latest cryptographic techniques, organizations gain peace of mind that attackers can't access critical information, even if they compromise data stores. More importantly, though, are the risk reduction benefits that encryption offers. Thieves steal devices such as laptops and smartphones. People leave iPads in pockets on the back of airplane seats and USB drives in taxis.

Email is a common source of data loss. With governments across the globe increasing the penalties for breaches, encryption is the best way to secure data sent by email and comply with data security regulations. Like everything we do at Sophos, we've made protecting your email simple.

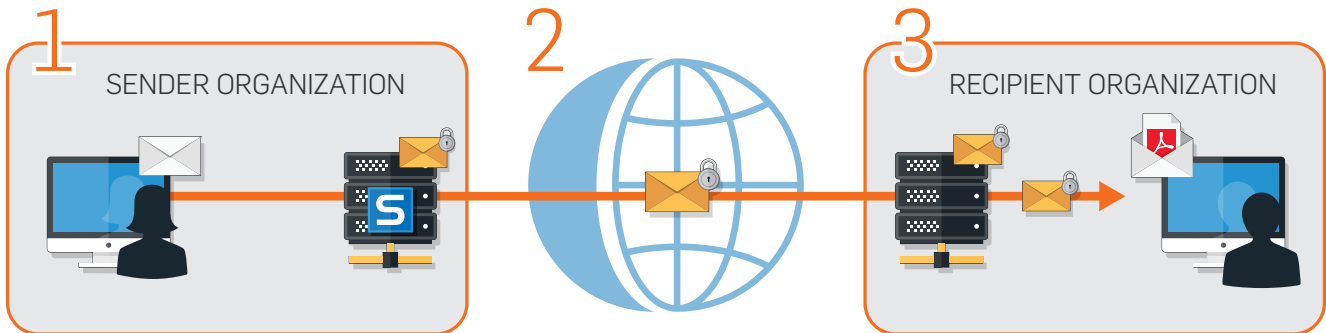
## How does it work?

[Sophos UTM Email Protection](#) and our [Sophos Email Appliances](#) include our cutting-edge Secure PDF eXchange (SPX) technology that simplifies encryption without slowing down your business. SPX email encryption offers a better alternative to traditional encryption solutions, which are often hard to manage and disruptive to your workflow.

Conventional certificate-based systems force you to invest in expensive and complex infrastructure. And webmail services redirect users to portals outside their domain to retrieve confidential information, often triggering suspicions of phishing. Our unique, password-protected SPX Encryption gives you the security you need, without the drawbacks of other solutions.

- ▶ Setup is simple—just activate the SPX Encryption option on your Sophos Email Appliance on your Sophos Email Appliance or Sophos UTM.
- ▶ Easily define encryption policies on the Sophos Email Appliance using the policy wizard. Establish rules based on attributes including the presence of sensitive data (as determined by the DLP engine), sender, recipient, message content, attachments, message header, and more. On the Sophos UTM you only have to switch it on.
- ▶ No client software installation required. SPX Encryption uses built-in, cross-platform PDF reader software.
- ▶ Flexible password management options to fit the user experience you want, such as user registration, auto-generated, and web services integration.
- ▶ Promote trust and familiarity for recipients with the flexible branding options, including customizable templates, cover pages and portal sites.

## A seamless user experience



SPX Encryption provides the best user experience in the industry. Users can work with their email as they always have, without disruptive changes to workflow.

1. Unencrypted email messages are sent to the Email Appliance, which converts each message and any attachments to a PDF document, which is then encrypted with a password. You can configure the appliance to allow recipients to select their own passwords via the SPX Secure Email Portal, or the appliance can generate passwords for recipients.
2. The encrypted message is then sent to the recipient's mail server.
3. The recipient can then decrypt the message using Adobe Reader, and the password that was used to encrypt the PDF.

### Extra features

- ▶ Off-line viewing allows mobile workers to access their email when they don't have an Internet connection.
- ▶ Easy integration in Outlook, allowing users to send and encrypt emails with just one click.
- ▶ SPX encrypted messages are supported on all popular smartphone platforms with native or third-party PDF file support, including iPhone, Android devices, BlackBerry and Windows Mobile.
- ▶ Secure reply capability is integrated into all encrypted messages, so recipients can send an encrypted response through the appliance without any encryption infrastructure. This is a unique feature in the market and offers you real email security.

## Easier compliance

SPX Encryption with Sophos DLP simplifies compliance with internal or external data protection regulations and privacy guidelines. A point-and-click policy engine integrates with Microsoft Active Directory services, making policy administration simple and effective.

We've integrated SPX Encryption with [Sophos UTM Email Protection](#) and our [Sophos Email Appliances](#). Deployment, administration, and support couldn't be simpler.

For more information  
or a free trial, go to  
[sophos.com/email](http://sophos.com/email)