



## Encryption-as-a-Service Portal For All Your Sensitive Data

### **START PROTECTING YOUR EMAIL WITH SECURE CHANNELS XFA MAIL**

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Businesses and individuals use email every day. The email and attachments being sent are often important and confidential, but the email clients we use do not offer adequate protection. The number one method hackers use to spread destructive viruses, malware, and ransomware is email. In the event your email is infected, intercepted, or accidentally sent to an unknown recipient, it needs to be protected.

XFA Mail offers the perfect balance of simplicity and strength. The easy to install plug-in works with your O365, Outlook or Gmail.

Once installed, XFA Mail protects and encrypts your email with one-button simplicity. No other email protection solution uses stronger encryption and protects your email from sender to recipient (end-to-end) better than XFA Mail.

XFA Mail supports facial recognition to authenticate email senders and recipients which eliminates the threat of phishing, spoofing and shoulder surfing. Emails can be recalled and set to expire at a specified time or date.

SCI's XFA Mail uses the XOTIC Cryptosystem to encrypt emails and attachments from your desktop email application. XOTIC is a Scalable One-Time Pad (S-OTP) hybrid symmetric stream cipher providing fast and quantum resistant encryption with a 512-bit key length. The encrypted files are weightless, meaning there is no added padding or overhead.

### **SECURE KEY DISTRIBUTION**

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The Secure Key Infrastructure (SKI) protocol distributes the encryption key files for emails or files sent through SCIFCOM.com. SKI uses an extremely reliable fault-tolerant global network to distribute ephemeral encryption keys.

## XFA MAIL

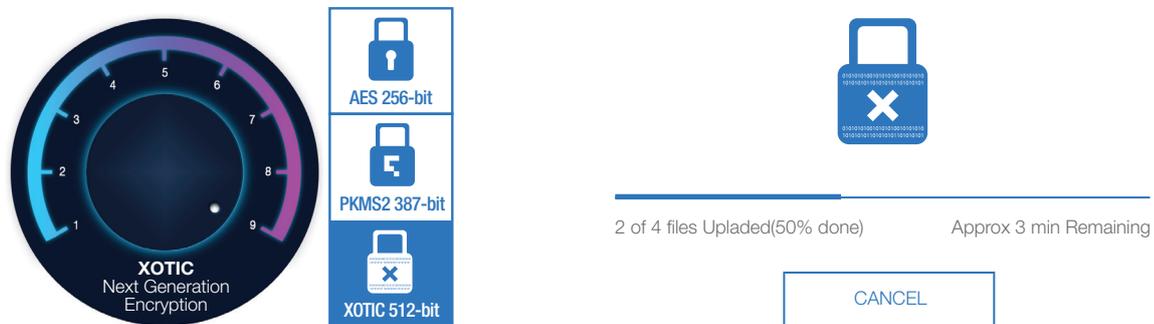
Protect your email and your integrity. XFA Mail is a lightweight, no hassle patented email security solution that supports facial recognition to encrypt and decrypt email. XFA Mail installs as a simple plug-in that works with your existing email client. In minutes, you can add maximum security encryption for complete peace of mind.



Protect your organization's sensitive emails and attachments to ensure the confidentiality, authenticity, and integrity of your emails while eliminating the threat of phishing - still the number one cause of malware, virus and ransomware.

## ENCRYPT & SEND FILES

Encrypt and share files with anyone with no additional software to install. Users can control the encryption strength by choosing between AES256, PKMS2, or our patented next generation XOTIC encryption to securely share or email files encrypted with unique keys for each recipient. Feel secure knowing that your shared file or email will get to your intended recipient without being compromised.



## ZIPCRYPT

Encrypt sensitive files at your desktop for safer security or quickly send encrypted confidential files other parties. ZIPcrypt is a simple encryption and compression software that uses patented XOTIC 512-bit+ or AES 256-bit encryption. Delivering the best encryption technology on the market today, ZIPcrypt was designed to be fast, easy to use, and to work in parallel with the SCIFCOM Encryption-as-a-Service website.



## SUBROSA SANDBOX

Strengthen and personalize your website's login security using our SUBROSA Sandbox solution - a patented photo/digital image-based authentication and encrypted key generation software more secure than PINS or user-generated passwords.

Users can easily choose their own images and select a specific pictorial tile pattern to create a complicated, encrypted password/ log-in (65,000+ characters). It's easy to remember, difficult to break.

