SafeIT E-mail Encryption
Version 2006, Professional Edition

Recent public exposure of FBI's "Carnivore" e-mail snooping program and the global digital surveillance system Echelon has highlighted what has been known for a long time- everything you transmit by e-mail can be intercepted and used by others. External industrial espionage, hacker attacks or internal information theft - all are urgent threats that you need to protect yourself against.

The award-winning SafeIT E-mail Encryption 2006 is the leading program for user-friendly secure e-mail communication. The encryption technology used, supports several encryption algorithms, including the new AES-standard, and key lengths from 256-480 bits. Choose automatic encryption between SafeIT users or to send secure e-mail to any receiver by using SafeIT Express.

Key Features

SafeIT E-mail Encryption 2006 is easy to install and administrate. The program includes the following functionality:

• Automatic establishment of secure e-mail communication between SafeIT users.
Continue to use your normal e-mail client. All e-mails sent, including attached information, will be encrypted before leaving your computer. SafeIT E-mail Encryption guarantees point-to-point secure communication. At no time in transit can your information be accessed or modified.
• SafeIT Express, Easily send password encrypted secure e-mails to counterparts that are not using SafeIT, including web-mail users.
• Efficient compression of all secure e-mails sent and received to increase transmission speed.

The main program from where you can access all functions in the program.

The program automatically detects contacts that are using the SafeIT program.
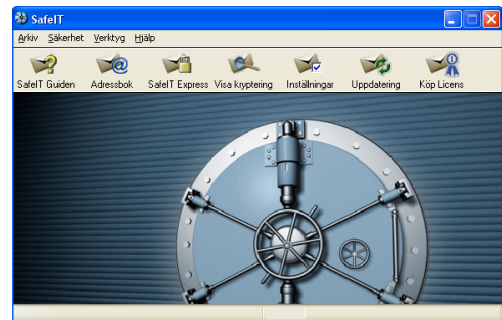
Technical Specifications

System Requirements
• SafeIT is optimized for all Windows platforms.
• An e-mail program and an e-mail address supporting the SMTP/POP3-protocols (e.g. Microsoft Outlook, Outlook Express, Netscape, Eudora, Opera).
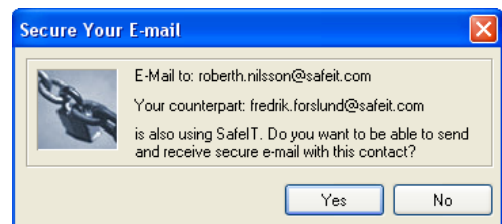
Security Technology
• Symmetric encryption algorithms:
  New AES-standard Rijndael (256 bits),
  Blowfish (448 bits), Twofish (256 bits),
  SafeIT-algorithm (480 bits).
• Asymmetric encryption algorithm:
  Diffie-Hellman Key Exchange Protocol.
• Hash-algorithm: MD5
• PRNG: Isaac
• Automatic random key generation and constant exchange of encryption keys.
• Unique encryption keys used for each e-mail sent.