

p7mViewer

Short product information

P7mViewer is a standalone application designed to view e-mail messages, files or documents with file extension p7m encrypted and/or signed in compliance with S/MIME standard.

p7mViewer is a standalone application designed to view files and e-mail messages and documents encrypted and/or signed in compliance with S/MIME standard.

General features

- Displays content of smime.p7m files and S/MIME messages
- Extracts attachments
- Verifies and displays message security
- Provides diagnosis on undecrypted messages
- Handling encrypted and digitally signed documents
- Cryptography support by CryptoAPI

Software Requirements

- Operating system: Windows 95/98/ME/NT/2000/XP/2003
- Internet Explorer 5 or above

Cryptography

- CryptoAPI based access to cryptographic devices and software
- Smartcard support through CSP *
 - CAC middleware
 - GemPlus-Axalto : Cyberflex, Cryproflex, GemSAFE, GemXpresso
 - Infineon : Sicrypt
 - Siemens : HiPath Scurity
 - ActiveCard, Setec , IBM and others
- Direct PFX files handling for decrypting messages
- Certificate revocation checking

*requires software supplied by the smartcard manufacturer installed

Message handling

- Decodes and verifies opaque, transparent and multi-layer digital signature messages
- Decrypts encrypted messages
- Supports Key-ID certificate identification
- Supports Issuer & Serial Number certificate identification

Licensing

- Commercial licenses
- Decrypts encrypted messages
- Supports Key-ID certificate identification
- Supports Issuer & Serial Number certificate identification

p7mViewer – typical use cases

1. Reading of an S/MIME signed or encrypted document
2. Viewing encrypted email attachments
3. Viewing encrypted e-mail in Exchange OWA without S/MIME for Outlook WebAccess installed
4. Reading an encrypted e-mail in
 - web-based mail client (Hotmail, Yahoo, Gmail)
 - mail client without S/MIME plugin installed (Eudora, Pegasus, Opera)
5. Viewing a mail message modified or corrupted by a mail server

p7mViewer can be extended to fulfill specific client's needs, such as :

Diagnostic functions

- Displays all available information on recipients of encrypted messages
- Displays detailed diagnostic information on not decrypted messages
- Displays detailed information on certificates installed in the system available to Windows applications

Windows Environment Integration

- Displays secure Microsoft Outlook messages ®
- Displays Microsoft Outlook Express messages ®
- Utilizes CryptoAPI for cryptographic services, which gives access to certificates installed in the system, security providers, cryptographic algorithms and devices
- Drag & drop attachment extraction
- .p7m files' context menu for easy attachment extraction
- Windows Address Book support

Performance

- Efficiently handles files of any size
- Handles multiple security layers
- Very low memory usage during attachment extraction
- Displays as much content of broken (e.g. incompletely retrieved) files as possible

p7mViewer is not a mail client and it has not been designed and enabled to encrypt files or send email messages. **p7mViewer** will not decrypt any file or message unless the user has access to required private keys and certificates.

Availability

Fully functional evaluation version of **p7mViewer** with built in 30 day trial license is available from the product home-page: <http://www.cryptigo.com/p7mViewer> .

To allow US federal, state and local government clients to purchase **Cryptigo** software and services, Cryptigo established a partnership with

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