



PGP for EPOC FAQ v1.1

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History

2000-03-19: v1.0

2000-03-29: v1.1, Links updated and using PGP with [Mail and News apps section](#) and [Series 3](#)

[question](#) added.

0 General

0.1 What is PGP?

PGP (Pretty Good Privacy) is a program originally written by Phil Zimmerman for encrypting and digitally signing data. However, if you have to ask that question, you're reading the wrong FAQ... try one of the general PGP FAQs listed below ([Question 4.1](#)), then come back.

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1 PGP and EPOC

1.1 Can I get PGP for my EPOC mobile computer?

Yes there is an EPOC port, though only a beta version is currently available.

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1.2 Where can I get it from?

The port is distributed by Zenobyte and can be downloaded from their website at:

<http://web.archive.org/web/20010603235239/http://www.zenobyte.com/pgp/index.html>

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1.3 Will it run on my classic Series 5 or Geofox 1?

Yes, the port will run on the EPOC release 3 devices.

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1.4 Is it Revo compatible?

Yes.

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1.5 Is there a colour version for the Series 7?

No.

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1.6 Will it run on the Series 3/3a/3c/3mx?

No, the Series 3 has an older 16 bit operating system which is incompatible with EPOC.

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2 PGP for EPOC and keys

2.1 Can I import other people's public keys?

Yes. The easiest way of doing so is viewing the text of the key in another app (such as Email, if that's how you received the key), selecting it and copying it (ctrl-c). If the key is on your PC, ensure PsiWin's "Copy Anywhere" function is enabled and your EPOC device and PC are connected, copy the text of the key on the PC. Then open PGP and press ctrl-v. Alternatively, save the key as a file on your EPOC device, enter PGP and press ctrl-o. This will bring up a select file dialogue with which you can find the saved key. Once you've found the key, press enter and the key will be imported.

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2.2 Can I import private keys?

Yes and no. You can import private keys generated with PGP v2.x. However the EPOC port does not yet support the import of private keys generated with PGP v6.x. To import a private key, save it on your EPOC device, open PGP and press ctrl-o. Select the key file with the dialogue and press enter.

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2.3 Will support for PGP v6.x private keys be added?

Hopefully. What's needed is an implementation of the DH and DSS secret key generation algorithms, and an abstraction of the key signing for private keys. The structure is in place, however going through the source and altering all the private key handling code (which is less than trivial) will be very time consuming, so it may be some time before this support is ready.

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3 Using PGP with Email or News apps

3.1 How do I sign a message?

Ensure PGP is open. Move your cursor into the body of your finished message and press ctrl-a to select all the text. Press ctrl-x to cut the text into the clipboard. Press the hotkey combination to sign the clipboard, which is shift-fn-s by default. Press ctrl-v to paste your signed message.

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3.2 How do I encrypt a message?

Ensure PGP is open. Move your cursor into the body of your finished message and press ctrl-a to select all the text. Press ctrl-x to cut the text into the clipboard. Press the hotkey combination to encrypt the clipboard, which is shift-fn-e by default. Press ctrl-v to paste your encrypted message.

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3.3 How do I decrypt a message I've received?

Ensure PGP is open. Move your cursor into the body of the encrypted message and press ctrl-a to select all the text. Press ctrl-c to copy the text into the clipboard. Press the hotkey combination to

decrypt the clipboard, which is shift-fn-d by default. Open Word or other text editor and press ctrl-v to paste the decrypted message.

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4 Further information

4.1 Where can I find more information about PGP?

The comp.security.pgp FAQ:

<http://web.archive.org/web/20010603235239/http://www.cam.ac.uk/pgp.net/pgpnet/pgp-faq/>

Where to get PGP: <http://web.archive.org/web/20010603235239/http://cryptography.org/getpgp.htm>

The Passphrase FAQ:

<http://web.archive.org/web/20010603235239/http://www.stack.nl/~galactus/remailers/pasphrase-faq.html>

The PGP Attack FAQ (aka The Feasibility of Breaking PGP):

<http://web.archive.org/web/20010603235239/http://www.stack.nl/~galactus/remailers/attack-faq.html>

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