```
-----BEGIN PGP MESSAGE-----

hQGMA4zJmb2qRccfAQv+PP0ICikBlEraqIREjf67wz1aG44Fcsi/0nZpzq53cn1b
dy0OIcziXtKXI27PNK0hmYN8mBcjo5Pc2ZFgnacnVR/gVMk00GoWkHf9TCZ/ExmQ
XK4CGR7ETkRY7NdBVTct+NsMQA9UJynCf0TlZFWvJcSwLKlDHn/qK6kF9YkH7Ebi
tAJk63Xkkh76iqzx+ohAGAvxc8w/7N/cCdSclZ+xswpSB7EP0tSc37i1FbDtzGAm
vcTHYbuMlbs9ieANOxv/zWP1+PmAYV/FKmR41j33Sor1oAXmTukb0H9hYw01bOPP
```

GnuPG.com

Data sheet: GnuPG VS-Desktop®

Stand 2024-10

The modular architecture allows **GnuPG VS-Desktop®** an easy integration into established applications. We only use open standards and norms to ensure interoperability across programs. All common algorithms for encryption and authentication will be supported:

GnuPG VS-Desktop®	
Data encryption	OpenPGP, S/MIME, symmetric
Mail encryption	PGP/MIME, S/MIME
Autom. key request	OpenPGP via web key directory, S/MIME via certificate server
Trust models	Direct, WoT (Web of Trust), TOFU+PGP (Trust on first use)
Authenticated Encryption	Only OpenPGP
VS-NfD (EU-RESTRICTED)	S/MIME with Smartcard, OpenPGP and S/MIME without Smartcard [1]
VS-V (EU-CONFIDENTIAL)	After evaluation by the German Federal Office for Information Security (BSI)
Compliance	de-vs, OpenPGP, RFC4880bis, PGP6, PGP7, PGP8, RFC2440
Smartcard / Token-Support	OpenPGP, NetKey, Yubikey, NitroKey, Gnuk, PKCS#15, SC-HSM
ECC-Support for OpenPGP	Brainpool, NIST-P, Curve25519, Bitcoin
Random generators [1]	CSPRNG (DRG.3) with Jitter-RNG, RDRAND, Padlock
Algorithms	AES, Twofish, Camellia, SHA-256, SHA-512, RSA (bis 8192), EdDSA, ECDH, ECDSA, DSA (deterministically RFC6979)
Webbrowser (PKCS#11)	Hardware- / Software-Token (Firefox,Thunderbird etc.)
Webbrowser (WebMail)	Firefox, Chrome (e.g. with Mailvelope)
Authentication	Hardware- / Software-Token (SSH and PAM)

GnuPG VS Desktop® supports 32- and 64bit Windows systems from version 7 or newer.

[1] Requires additional protective measures, see VSA-BSI-10867.
[2] No use of the Windows random generator.

GpgOL Outlook Add-In

Address book integration	Setting and distributing of keys via address book
Autocrypt-Support	Optional reading. Incl. encrypted subject
EFAIL protection	Authenticated encryption for OpenPGP, protection for S/MIME
Message board	Direct decryption without interaction
Inline editors	Quick reply and forwarding
Compatibility modes	PGP/Inline
Phishing protection	Via different levels of trust
Server	Microsoft Exchange from Version 2010, IMAP
Encrypted drafts	OpenPGP, S/MIME

The GpgOL Outlook Add-In is compatible with Outlook 2010, 2013, 2016 as well as 2019 and supports mail transport via SMTP/IMAP and Exchange Server from 2010.