

# NoSpamProxy

PROTECTION. ENCRYPTION. LARGE FILES.

## All features at a glance

With its three modules PROTECTION, ENCRYPTION, and LARGE FILES, NoSpamProxy® offers reliable protection from spam and malware, secure e-mail encryption, and the simple and secure sending of large files.

In addition to the security modules, the options DISCLAIMER (for signature and disclaimer management) and ADDITIONAL SERVER (for the implementation of high-availability solutions) are also available.

NoSpamProxy SUITE contains, as a bundle, the modules PROTECTION, ENCRYPTION, and LARGE FILES, as well as the DISCLAIMER option.

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| NoSpamProxy feature   | Protection     | Encryption     | Large Files    | Suite          |
|---|----------------|----------------|----------------|----------------|
| <b>Anti-spam features</b>   |                |                |                |                |
| Level of trust (learning outgoing e-mails, address pair formation, also taking into account the entire AD user)   | x              |                |                | x              |
| Realtime blocklists (RBLs)  | x              |                |                | x              |
| <b>Filtering for e-mail attachments</b>   |                |                |                |                |
| - Filtering based on file name, type, and size; whitelisting possible   | x              | x <sup>4</sup> | x              | X              |
| - Blocking of the e-mail  | x              |                | x              | X              |
| - Removal of attachments  | x              |                | x              | X              |
| Uploading of attachments to the Web portal, with optional admin approval  | x <sup>4</sup> | x <sup>4</sup> | x              | x              |
| Apply content filter to files in ZIP archives   | x              |                | x              | x              |
| Different content filters for files transferred via WebPortal   | x <sup>4</sup> |                | x              | x              |
| Blocking of suspicious IP addresses   | x              |                |                | x              |
| Filtering of e-mails based on specific characters   | x              |                |                | x              |
| CYREN AntiSpam services   | x              |                | x              | x              |
| CYREN AntiVirus   | x              |                | x              | x              |
| CYREN Zero-Hour Virus Outbreak Protection   | x              |                | x              | x              |
| Cyren IP Reputation   | X              |                |                | x              |
| Checking of e-mails for viruses using on-access virus scanner   | x <sup>1</sup> |                | x <sup>1</sup> | x <sup>1</sup> |
| DLP – filtering of e-mails for keywords   | x              |                |                | x              |
| DLP – notification if e-mail contains keywords  | x              |                |                | x              |
| Certified newsletter senders supported through ECO's Certified Sender Alliance                                    | x              |                |                | x              |
| Greylisting   | x              |                |                | x              |
| Filtering of e-mails containing suspicious links (SURBL, Spamhaus Domain Blocklist, URIBL, Phishtank)             | x              |                |                | x              |
| SpamAssassin supported (through SpamD)  | x              |                |                | x              |
| Extended check of header for individual domains in the sender field (e-mail spoofing) (BEC, CEO fraud protection) | x              |                |                | x              |
| CDR / Convert Word- and Excel files to PDF  | x              |                |                | x              |
| CDR / Remove active and unknown content from PDF files  | x              |                |                | x              |
| Verification of whether the delivering IP address has a reverse DNS entry (RDNS check)                            | x              |                |                | x              |
| Verification of whether the RDNS entry can be resolved to the delivering IP address.                              | X              |                |                | x              |

|   |   |  |  |   |
|---|---|--|--|---|
| Verification of whether an A record is available for the Envelope-Sender-Domain.                                  | X |  |  | X |
| Verification of whether there is a mismatch between the sender domain in the envelope and the header of the mail. | X |  |  | X |
| Verification of SPF, DKIM, and DMARC records  | X |  |  | X |
| ICAP-Client support   | X |  |  | X |

- 1) Requires a locally-installed on-access virus scanner, 2) Also requires the digiSeal server from secript,  
3) High availability with several servers requires an additional server license, 4) Requires appropriate large files license

| NoSpamProxy feature   | Protection | Encryption     | Large Files | Suite |
|---|------------|----------------|-------------|-------|
| <i>Signature and encryption features</i>  |            |                |             |       |
| <b>SSL/TLS encryption of SMTP connections</b>   |            |                |             |       |
| - Opportunistic encryption  | x          | x              | x           | x     |
| - Forced encryption for certain domains   | x          | x              | x           | x     |
| Automatic "Best Practices configuration" for TLS 1.2 and perfect forward secrecy and deactivation of weak ciphers.            | x          | x              | x           | x     |
| DANE support  | x          | x              | x           | x     |
| Signing of e-mails using S/MIME or PGP  |            | x              |             | x     |
| Encryption of e-mails using S/MIME or PGP   |            | x              |             | x     |
| Verification of signatures for incoming, signed e-mails (S/MIME and PGP)  |            | x              |             | x     |
| Decryption of incoming, encrypted messages (S/MIME and PGP)   |            | x              |             | x     |
| RSASSA PSS Signature support (e.g. for EDI@Energy policy)   |            | x              |             | x     |
| Automatic collection of certificates from incoming e-mails (S/MIME only)  |            | x              |             | x     |
| PDF Mail (e-mail is converted into a PDF, along with all attachments, and encrypted with a password)                          |            | x              |             | x     |
| With PDF Mail, attachments can be optionally sent via the Web portal.   |            | x <sup>4</sup> |             | x     |
| Request key material (S/MIME or password for PDF Mail) before delivering encrypted messages                                   |            | x              |             | x     |
| Encryption of attached PDF documents with password  |            | x              |             | x     |
| Send PDF passwords by text message  |            | x              |             | x     |
| Web portal<br>- Reply function for PDF Mail<br>- Storage of a password for PDF Mail<br>- Notification if password not yet set |            | x              |             | x     |
| Management of the PDF encryption via tags in the subject field  |            | x              |             | x     |
| Custom designs for all e-mails generated by NoSpamProxy   | x          | x              | x           | x     |
| Custom designs for PDF mails on basis of the sender's address   |            | x              |             | x     |
| Management of the encryption options via Microsoft Outlook Add-In (requires Microsoft Outlook Version 2007 or later)          |            | x              |             | x     |
| Permanent decryption of PFD attachments via Microsoft Outlook Add-In  |            | x              |             | x     |
| Application of qualified signatures to attached documents <sup>2</sup>  |            | x              |             | x     |

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|--|------------|------------|-------------|-------|
| Checking of qualified signatures for attachments to incoming e-mails <sup>2</sup>                |            | x          |             | x     |
| Verification report on incoming e-mails provides information on encryption and signature status  |            | x          |             | x     |
| Request and manage certificates with SwissSign, D-Trust, and GlobalSign (Request, renew, revoke) |            | x          |             | x     |
| Request and manage certificates from a Microsoft CA  |            | x          |             | x     |
| Generate and manage PGP key pairs via the management interface                                   |            | x          |             | x     |
| Central management of all public and private certificates  |            | x          |             | x     |
| Import/export of S/MIME certificates   |            | x          |             | x     |
| Import/export of PGP keys  |            | x          |             | x     |
| Automatic encryption of e-mails using S/MIME/PGP, incl. fallback on PDF encryption               |            | x          |             | x     |
| Quarantine for unknown root and SubCA certificates and PGP keys                                  |            | x          |             | x     |
| Gateway certificates and PGP keys supported  |            | x          |             | x     |
| Detection of Chiasmus-encrypted files  | x          | x          | x           | x     |
| Query public keys from public keys servers via LDAP  |            | x          |             | x     |
| Query public keys from Open Keys   |            | X          |             | x     |
| Automatic Upload of public keys to Open Keys   |            | X          |             | x     |

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|---|------------|------------|-------------|-------|
| <i>Secure transmission of large files</i>                               |            |            |             |       |
| Sending of large files by e-mail via Microsoft Outlook Add-In           |            |            | x           | x     |
| Encrypted connection to file on Web portal (SSL)                        |            |            | x           | x     |
| Definition of the limits for the file sizes                             | x          |            | x           | x     |
| Reply option for external recipients                                    |            |            | x           | x     |
| Reply option for external recipients even without invitation link.      |            |            | X           | x     |
| Malware check of uploaded files using CYREN                             |            |            | x           | x     |
| Overview of all stored files via interface                              |            |            | x           | x     |
| Files are stored encrypted on the Web portal                            |            |            | x           | x     |
| Data between two Web portal installations is synchronized and tunneled. |            |            | x           | x     |
| File approval by Administrator  |            |            | X           | x     |
| Auto approval of files after x hours                                    |            |            | X           | x     |
| Configuration of internal and external download links                   |            |            | x           | x     |
| Senders are informed when one of their attachments has been downloaded  |            |            | x           | x     |

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|--|------------|------------|-------------|-------|
| <i>Advanced e-mail routing</i>                   |            |            |             |       |
| Sender domain-based routing of e-mails           | x          | x          | x           | x     |
| Recipient domain-based routing of e-mails        | X          | X          | X           | x     |
| Any number of send and receive connectors (SMTP) | x          | x          | x           | x     |
| Connectors for                                   |            |            |             |       |
| - De-Mail via T-Systems                          | X          | x          | x           | x     |
| - De-Mail via Telekom Deutschland                | X          | x          | X           | x     |
| - De-Mail via Mentana-Claimssoft                 | X          | x          | X           | x     |
| - POP3 connector                                 |            | x          | X           | x     |
| - AS/2 Business to Business                      | X          | x          | X           | x     |
| - Deutschland-Online Infrastruktur               | X          | x          | X           | x     |
| - E-Postbrief                                    | x          | x          | X           | x     |
| De-Mail rights management at user level          | x          | x          | x           | x     |
| Office 365                                       | x          | x          | x           | x     |

|   |   |   |   |   |
|---|---|---|---|---|
| <i>General features</i>   |   |   |   |   |
| Easy setup, thanks to the configuration wizard  | x | x | x | x |
| Refined configuration of the filtering and signature/encryption options based on rules similar to firewall rules (filtering for gateway, sender, recipient) | x | x | x | x |
| Central management of local users   | x | x | x | x |
| Import of users via the Active Directory via encrypted connections (LDAPS/SGC)  | x | x | x | x |
| Restriction of the objects to be imported from the Active Directory based on organizational units (OUs)   | x | x | x | x |
| Restriction of the objects to be imported from the Active Directory with the help of LDAP filters   | x | x | x | x |
| Import of users from generic LDAP directories (e.g. Lotus Domino)   | x | x | x | x |
| Archive interface   |   |   |   |   |
| - d.velop D3 connector  | x | x | X | x |
| - File system storage   | x | x | X | x |
| - Archive mailbox (SMTP)  | x | x | x | x |
| Rewriting of internal e-mail addresses (also group based)   | x | x | x | x |
| Central message tracking  | x | x | x | x |
| Access message tracking by using the ODATA API.   | X | X | X | x |
| Configuration of the De-Mail sending options via Microsoft Outlook Add-In   | x | x | x | x |



|  |   |   |   |   |
|--|---|---|---|---|
| Hiding of the internal mail server topology  | x | x | x | x |
| TNEF support   | x | x | x | x |
| Rights management for the management console (configuration, people and identities, reporting) | x | x | x | x |
| Size limit for incoming e-mails  | x | x | x | x |
| High availability: Synchronization of the entire configuration between all roles <sup>3</sup>  | x | x | x | x |
| Management using PowerShell cmdlets  | x | x | x | x |
| BATV support for incoming messages.  | X | X | X | x |

| NoSpamProxy feature   | Protection | Encryption | Large Files | Suite |
|---|------------|------------|-------------|-------|
| <i>Reporting</i>  |            |            |             |       |
| Overview of individual De-Mails sent  |            | x          |             | x     |
| Report on e-mail volumes and volume of spam Entire/Domain/User                  | x          | x          | x           | x     |
| Report on the e-mail addresses with the highest mail volumes/percentage of spam | x          | x          | x           | x     |

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| <i>Disclaimer – Functions available as additional option for all NoSpamProxy modules</i>   |                |                |                |       |
| Central management of any number of templates  | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Templates possible for HTML and text mails   | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Simple integration of images   | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Dynamic content from Active Directory fields   | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Free selection and configuration of the Active Directory fields  | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Extensive HTML editor  | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Allocation of admin rights specifically for disclaimer   | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Extensive set of rules   | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Disclaimer rules based on: <ul style="list-style-type: none"> <li>- AD group memberships</li> <li>- Words in the body text</li> <li>- Words in the subject field</li> <li>- Words in recipient address</li> <li>- Words in sender address</li> <li>- Words in the e-mail header</li> <li>- Date range</li> </ul> | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |
| Any number of conditions and exceptions possible in rules  | x <sup>1</sup> | x <sup>1</sup> | x <sup>1</sup> | x     |

1) Requires an optional license for disclaimer function