OpenText Reflection for Secure IT

# Have you taken a good look at your Reflection lately?

Maybe it's time for a update. Our Reflection for Secure IT provides secure file transfer and terminal access in both graphical and command line formats. You can safely transfer sensitive data, manage remote servers, and access corporate applications over encrypted connections.

| Features in Reflection for Secure IT Client for Windows | 8.1 | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 | 6.0 |
|---|---|---|---|---|---|---|---|
| Microsoft Windows 10 support | ● | ● | | | | | |
| Microsoft Windows Server 2019 support | ● | ● | | | | | |
| Microsoft Windows Server 2016 support | ● | | | | | | |
| ECC support added to FTP client for TLS (FTPS) | ● | | | | | | |
| Microsoft Windows 8 support | ● | ● | | | | | |
| Microsoft Windows Server 2008 support | | ● | ● | ● | | | |
| Microsoft Windows 7 support | ● | ● | ● | | | | |
| Support for sending intermediate CAs along with user certificate (RFC 6187) | ● | | | | | | |
| Convenient setup for multihop connections | ● | ● | ● | | | | |
| Preserved timestamps and file attributes during SFTP transfers | ● | | ● | | | | |
| Smart card support for agent forwarding | ● | | ● | | | | |
| Shared trusted certificate store location | ● | | ● | | | | |
| IPv6 support in command line utilities (ssh, scp, sftp) | ● | | ● | ● | | | |
| Configurable default permissions for uploaded files | ● | | ● | ● | | | |
| HTTP proxy server support | ● | | ● | ● | | | |
| Support for environment variables in configuration file settings | ● | | ● | ● | | | |
| Reflection FTP client utility | ● | | ● | ● | ● | | |
| The SFTP protocol, standard FTP (unencrypted), FTP over SSL/TLS, and Kerberized FTP (TLS) | ● | | ● | ● | ● | | |
| Public Key Infrastructure (PKI) support | ● | | ● | ● | ● | ● | |
| File transfer automation via OLE interface | ● | | ● | ● | ● | | |
| Easier configuration of SSH tunneling for FTP sessions | ● | | ● | ● | ● | | |
| Reflection Certificate Manager | ● | | ● | ● | ● | ● | |
| Reflection Key Agent accepts certificates for single sign-on authentication | ● | | ● | ● | ● | ● | |
| Enhanced command line switches and scp options | ● | | ● | ● | ● | ● | |
| Consolidated user key dialog for certificates and keys | ● | | ● | ● | ● | ● | ● |
| Automatic conversion of keys to correct format upon upload | ● | | ● | ● | ● | ● | ● |

● Feature available in this version.

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| Features in Reflection for Secure IT Client for Windows | 8.1 | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 | 6.0 |
|---|---|---|---|---|---|---|---|
| Deployment of SSH client using the Microsoft Installer | ● | | ● | ● | ● | ● | ● |
| Support for Windows Terminal Server and Citrix Presentation Server | | ● | ● | ● | ● | ● | ● |
| Migration wizard for converting F-Secure profiles to Reflection settings | | ● | ● | ● | ● | ● | ● |
| Key codes removed | | ● | ● | ● | ● | ● | ● |
| FIPS 140-2 Level 1 validated cryptographic modules | | ● | ● | ● | ● | ● | ● |
| Authentication agent (key agent) for safely storing private and public keys | | ● | ● | ● | ● | ● | ● |
| Ability to connect to several SSH servers without entering a passphrase | | ● | ● | ● | ● | ● | ● |
| SFTP downloads resume if interrupted | | ● | ● | ● | ● | ● | ● |
| Unattended scheduled file transfers | | ● | ● | ● | ● | ● | ● |

| Features in Reflection for Secure IT Server for Windows | 8.2 | 8.1 | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 |
|---|---|---|---|---|---|---|---|
| Microsoft Windows Server 2012 R2 (x86-64) support | ● | | | | | | |
| Post Transfer Actions for automating important processes for files after they are received | ● | | | | | | |
| Process Priority for limiting the amount of CPU resources consumed | ● | | | | | | |
| VMWare ESXi support | ● | ● | | | | | |
| Microsoft Windows 7 (x86 and x86-64) support | ● | ● | ● | | | | |
| Dedicated audit logs for all SFTP and SCP2 file transfers | ● | ● | ● | | | | |
| Meets DoD requirements for use of SHA-2 algorithms | ● | ● | ● | | | | |
| SFTP version 4 and UTF-8 character support | ● | ● | ● | | | | |
| Microsoft Windows Server 2008 R2 (x86-64) support | ● | ● | ● | ● | | | |
| Use of mapped drives to access network directories during terminal sessions | ● | ● | ● | ● | | | |
| Control over the number of connections allowed per user | ● | ● | ● | ● | | | |
| Use of alternative credentials for accessing SFTP directories and mapped drives | ● | ● | ● | ● | | | |
| Customizable locations for server configuration files | ● | ● | ● | ● | | | |
| Microsoft Cluster Service support | ● | ● | ● | ● | ▲ | | |
| HSPD-12 support | ● | ● | ● | ● | ▲ | | |
| PKI client command line utility | ● | ● | ● | ● | ▲ | | |
| Centralized PKI support via the Reflection PKI Services Manager | ● | ● | ● | ● | ● | | |
| Granular permissions for file transfer functions (upload/download/browse/delete) configurable at Global, Group, and User levels and by Client address | ● | ● | ● | ● | ● | | |
| SFTP and SCP2 Smart Copy | ● | ● | ● | ● | ● | | |
| Support for the Microsoft Certificate Store | ● | ● | ● | ● | ● | | |
| Support for file transfer checkpoint resume | ● | ● | ● | ● | ● | | |
| FTP over SSH for both active and passive mode connections | ● | ● | ● | ● | ● | | |
| Windows Server 2008 support | ● | ● | ● | ● | ● | ▲ | |

● Feature available in this version.

▲ Maintained Reflection for Secure IT customers received this feature in a service pack.

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| Features in Reflection for Secure IT Server for Windows | 8.2 | 8.1 | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 |
|---|---|---|---|---|---|---|---|
| Granular access control configurations for local and domain users and groups | ● | ● | ● | ● | ● | ▲ | |
| Section 508 support in configuration console | ● | ● | ● | ● | ● | ▲ | |
| Support for user keys generated using the OpenSSH keygen utilities | ● | ● | ● | ● | ● | ▲ | |
| GSSAPI/Kerberos-based user and host authentication | ● | ● | ● | ● | ● | ● | |
| Full range of documentation formats (context-sensitive help, PDF, and HTML) | ● | ● | ● | ● | ● | ● | |
| Enhanced logging capabilities, including more customization options for diagnostic and event data collection | ● | ● | ● | ● | ● | ● | |
| IP blocking feature | ● | ● | ● | ● | ● | ● | |
| Native 64-bit Windows support for x64 hardware | ● | ● | ● | ● | ● | ● | |
| Enhanced domain name authentication | ● | ● | ● | ● | ● | ● | ● |
| Windows Domain authentication | ● | ● | ● | ● | ● | ● | ● |
| Maximum password feature | ● | ● | ● | ● | ● | ● | ● |
| Windows Server 2003 support | | ● | ● | ● | ● | ● | ● |
| FIPS 140-2 validated cryptographic modules | ● | ● | ● | ● | ● | ● | ● |

| Features in Reflection for Secure IT Client for UNIX | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 |
|---|---|---|---|---|---|
| Dedicated audit logs for all SFTP and SCP2 file transfers | ● | | | | |
| Meets DoD requirements for use of SHA-2 algorithms | ● | | | | |
| SFTP version 4 and UTF-8 character support | ● | | | | |
| High Performance Enabled (HPN) file transfer | ● | ● | | | |
| Granular control of data compression levels | ● | ● | | | |
| Inclusion of OpenSSH packages in Linux-based rpm package capability lists | ● | ● | | | |
| HSPD-12 support | ● | ● | ▲ | | |
| PKI client command line utility | ● | ● | ▲ | | |
| Centralized PKI support via the Reflection PKI Services Manager | ● | ● | ● | | |
| Customizable installation locations in Solaris and Linux | ● | ● | ● | | |
| Enhanced X.509 certificate utility (ssh-certview) | ● | ● | ● | | |
| Support for PKCS#11 smart cards in Solaris 10 SPARC | ● | ● | ● | | |
| Host name aliasing for host key storage | ● | ● | ● | ▲ | |
| Oracle Solaris Projects support | ● | ● | ● | ▲ | |
| Enhanced support for Kerberos through gssapi-keyex | ● | ● | ● | ● | |
| SSH connection reuse feature | ● | ● | ● | ● | |
| Full range of documentation formats (PDF and HTML) | ● | ● | ● | ● | |
| Strict Mode support | ● | ● | ● | ● | |
| FIPS 140-2 validated cryptographic modules | ● | ● | ● | ▲ | ● |

● Feature available in this version.

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| Features in Reflection for Secure IT Client for UNIX | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 |
|---|---|---|---|---|---|
| **Additional platform support:** | | | | | |
| ▪ HP-UX 11i v3 (Itanium) | ● | ● | ● | ▲ | |
| ▪ HP-UX 11i v2 (PA-RISC) | ● | ● | ● | ▲ | ● |
| ▪ HP-UX 11i v2 (Itanium) | ● | ● | ● | ▲ | |
| ▪ IBM AIX 6.1 (POWER) | ● | ● | ● | | |
| ▪ IBM AIX 7.1 (POWER) | ● | | | | |
| ▪ Red Hat Enterprise Linux 5 (x86) | ● | ● | ● | ● | ● |
| ▪ Red Hat Enterprise Linux 5 (x86-64) | ● | ● | ● | ● | ● |
| ▪ Red Hat Enterprise Linux 6 (x86) | ● | | | | |
| ▪ Red Hat Enterprise Linux 6 (x86-64) | ● | | | | |
| ▪ Red Hat Enterprise Linux 7 (x86-64). Added in 8.0 SP2 (8.0.2) | ● | | | | |
| ▪ Oracle Solaris 11 (SPARC) | ● | | | | |
| ▪ Oracle Solaris 10 (SPARC) | ● | ● | ● | ● | ● |
| ▪ Oracle Solaris 10 (x86) | ● | ● | ● | ● | ▲ |
| ▪ Oracle Solaris 10 (x86-64) | ● | ● | ● | ● | ● |
| ▪ Oracle Solaris 11 (x86-64). Added in 8.0 SP2 (8.0.2) | ● | | | | |
| ▪ SUSE Linux Enterprise Server 10 (x86) | ● | ● | ● | ● | ● |
| ▪ SUSE Linux Enterprise Server 10 (x86-64) | ● | ● | ● | ● | ● |
| ▪ SUSE Linux Enterprise Server 11 (x86) | ● | ● | ● | ● | |
| ▪ SUSE Linux Enterprise Server 11 (x86-64) | ● | ● | ● | ● | |
| ▪ SUSE Linux Enterprise Server 11 (zLinux 64-bit) | ● | | | | |
| Dedicated audit logs for all SFTP and SCP2 file transfers | ● | | | | |
| Meets DoD requirements for use of SHA-2 algorithms | ● | | | | |
| SFTP version 4 and UTF-8 character support | ● | | | | |
| High Performance Enabled (HPN) file transfer | ● | ● | | | |
| AIX System Resource Controller support | ● | ● | | | |
| Granular control of data compression levels | ● | ● | | | |
| SELinux on RHEL 6 and 7. Added in 8.0 SP2 (8.0.2) | ● | | | | |
| RHEL 7 (x86-64) High Availability Cluster. Added in 8.0 SP2 (8.0.2) | ● | | | | |
| Inclusion of OpenSSH packages in Linux-based rpm package capability lists | ● | ● | | | |
| HSPD-12 support | ● | ● | ▲ | | |
| PKI client command line utility | ● | ● | ▲ | | |
| Red Hat Enterprise Linux 7 (x86-64) High Availability Cluster. Added in 8.0 SP2 (8.0.2) | ● | | | | |
| Oracle Solaris Basic Security Module auditing support | ● | ● | ▲ | | |
| Centralized PKI support via the Reflection PKI Services Manager | ● | ● | ● | | |
| Customizable installation locations in Solaris and Linux | ● | ● | ● | | |

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| Features in Reflection for Secure IT Client for UNIX | 8.0 | 7.2 | 7.1 | 7.0 | 6.1 |
|---|---|---|---|---|---|
| Granular permissions for file transfer functions (upload/download/browse/delete) configurable at Global, Group, and User levels and by Client address | ● | ● | ● | | |
| Additional file transfer logging options (login/logout, directory listings, uploads, downloads, file modifications) | ● | ● | ● | | |
| Configurable pre-authenticated session limits | ● | ● | ● | | |
| User shell configuration inheritance from LDAP directories | ● | ● | ● | | |
| Oracle Solaris Least Privilege Model support | ● | ● | ● | | |
| Enhanced X.509 certificate utility (ssh-certview) | ● | ● | ● | | |
| Dynamic support for UNIX TCP Wrappers | ● | ● | ● | ▲ | |
| HP-UX System Administration Manager (SAM) Auditing and Security tool support | ● | ● | ● | ▲ | |
| Enhanced support for Kerberos through gssapi-keyex | ● | ● | ● | ● | |
| Dead and idle client detection | ● | ● | ● | ● | |
| Full range of documentation formats (PDF and HTML) | ● | ● | ● | ● | |
| Strict Mode support | ● | ● | ● | ● | |
| FIPS 140-2 validated cryptographic modules | ● | ● | ● | ▲ | ● |
| **Additional platform support:** | | | | | |
| ▪ HP-UX 11i v3 (Itanium) | ● | ● | ● | ▲ | |
| ▪ HP-UX 11i v2 (Itanium) | ● | ● | ● | ● | ● |
| ▪ HP-UX 11i v2 (PA-RISC) | ● | ● | ● | ▲ | ● |
| ▪ IBM AIX 6.1 (POWER) | ● | ● | ● | | |
| ▪ IBM AIX 7.1 (POWER) | ● | | | | |
| ▪ Red Hat Enterprise Linux 5 (x86) | ● | ● | ● | ● | ● |
| ▪ Red Hat Enterprise Linux 5 (x86-64) | ● | ● | ● | ● | ● |
| ▪ Red Hat Enterprise Linux 6 (x86) | ● | | | | |
| ▪ Red Hat Enterprise Linux 6 (x86-64) | ● | | | | |
| ▪ Red Hat Enterprise Linux 7 (x86-64). Added in 8.0 SP2 (8.0.2) | ● | | | | |
| ▪ Oracle Solaris 11 (SPARC). Added 8.0 SP1 (8.0.1) | ● | | | | |
| ▪ Oracle Solaris 10 (SPARC) | ● | ● | ● | ● | ● |
| ▪ Oracle Solaris 10 (x86) | ● | ● | ● | ● | ▲ |
| ▪ Oracle Solaris 10 (x86-64) | ● | ● | ● | ● | ● |
| ▪ Oracle Solaris 11 (x86-64). Added in 8.0 SP2 (8.0.2) | ● | | | | |
| ▪ SUSE Linux Enterprise Server 10 (x86) | ● | ● | ● | ● | ● |
| ▪ SUSE Linux Enterprise Server 10 (x86-64) | ● | ● | ● | ● | ● |
| ▪ SUSE Linux Enterprise Server 11 (x86) | ● | ● | ● | ● | |
| ▪ SUSE Linux Enterprise Server 11 (x86-64) | ● | ● | ● | ● | |
| ▪ SUSE Linux Enterprise Server 11 (zLinux 64-bit) | ● | | | | |

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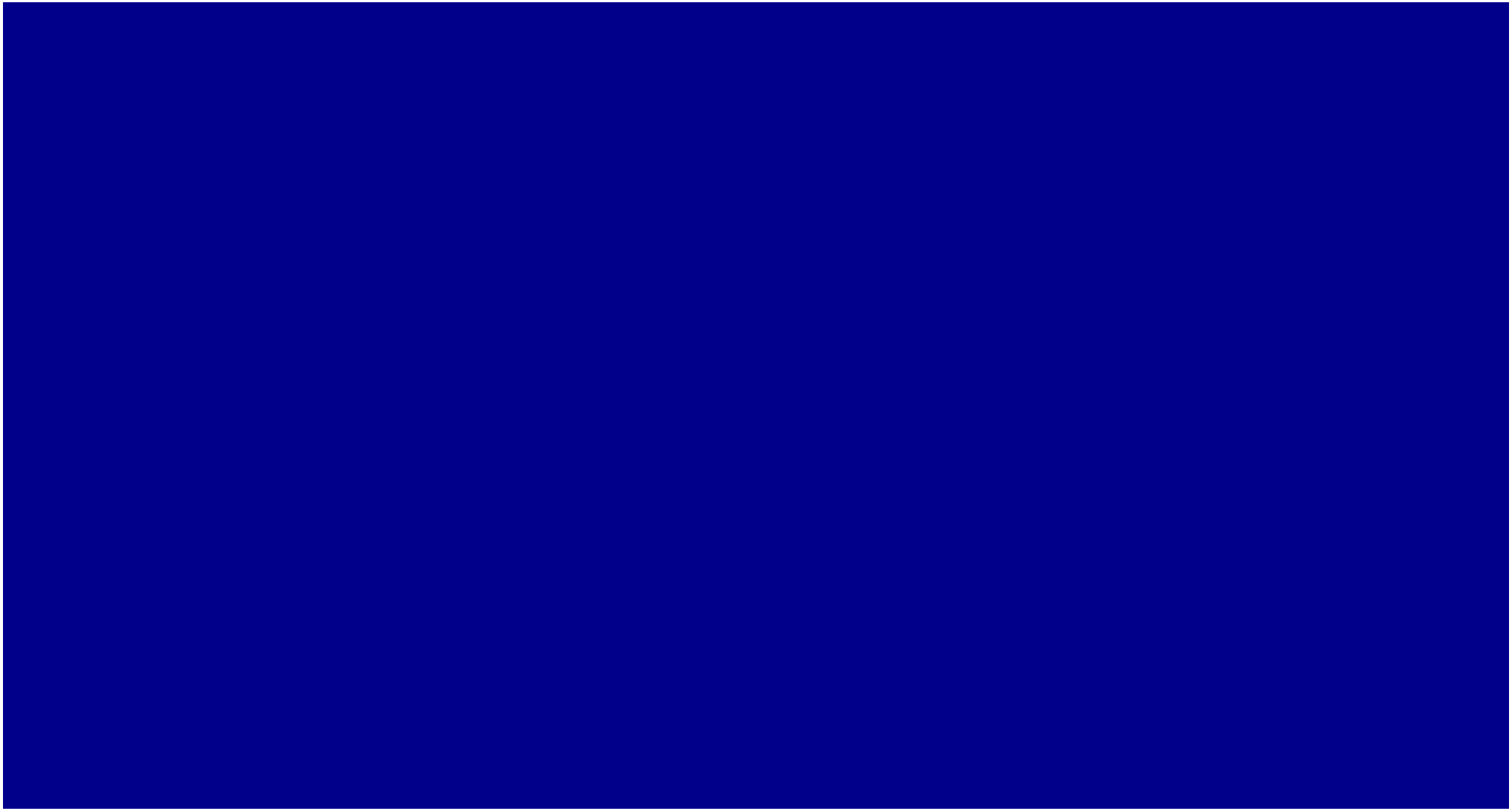

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