

## Micro Focus® Reflection® for the Web

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

Maybe it's time for an update. Our Reflection® for the Web product line provides enterprise customers with support for advanced security protocols and the latest Windows operating systems—plus features that make it easier to access legacy applications from mobile devices.

Features in Reflection for the Web	12.3	2014 R1	2011	2008	9.6
Support for Java 8	●				
Support for Host Access Management and Security Server—Automated Sign-On for Mainframe Add-On	●				
Support for Java 7 and compatibility with the latest Java 7 security features	●	●			
Integrated Windows Authentication using NTLM version 2	●	●			
Central management of certificate stores across multiple servers with PKI Services Manager	●	●			
Logs that support event sequencing and integrate smoothly with management frameworks	●	●			
Customizable tooltips on the Button Palette	●	●			
Native 64-bit installer support for Windows and Linux servers	●	●	●		
JavaScript macro recorder/editor for automating business processes	●	●	●		
LDAP access mapping report for managing user access rights	●	●	●		
Customizable toolbar with drag-and-drop buttons	●	●	●		
Ability to map commands, macros, and other actions to toolbar buttons	●	●	●		
Ability to save frequently used file and data transfers	●	●	●		
Unified file transfer interface for IND\$FILE, FTP, and System i data transfers	●	●	●		
Secure token authorization support for VHI Design Tool	●	●	●		
Support for HTTP-only cookies for improved security	●	●	●		
Dynamic LDAP group support	●	●	●	●	
Support for the Google Chrome browser	●	●	●	●	
Optimized VT scrolling for faster display performance	●	●	●	●	
Automatic generation of unique 5250 device names	●	●	●	●	
Configurable headers and footers on screen prints	●	●	●	●	
Ability to change Active Directory user passwords in non-domain use cases	●	●	●	●	
Stronger SSH encryption algorithms with AES CTR mode ciphers	●	●	●	●	
Secure token authorization support for Reflection 2011 and Reflection X 2011	●	●	●	●	
Simplified management of Public Key Infrastructure (PKI) certificates	●	●	●	●	
Troubleshooting enhancements for PKI/smart card authentication and wOnline Certificate Status Protocol (OCSP)	●	●	●	●	

● Feature available in this version

Continued on next page

Features in Reflection for the Web	12.3	2014 R1	2011	2008	9.6
Improved screen reader support for greater accessibility	●	●	●	●	
Advanced copy/paste options	●	●	●	●	
Macro sharing between sessions of the same type	●	●	●	●	
Ability to save frequently used IND\$FILE transfers	●	●	●	●	
Custom color support for the cursor, ruler, and terminal-screen elements	●	●	●	●	
Enhanced text rendering and scaling	●	●	●	●	
URL recognition and opening from emulation client	●	●	●	●	
Cursor ruler support for VT emulation	●	●	●	●	
Ability for end-users to customize and group local copies of terminal sessions	●	●	●	●	
Unisys UTS and T27 emulation (Unisys Edition, English Only)	●	●	●	●	
Automated management server data replication for load-balanced environments	●	●	●	●	●
Online Certificate Status Protocol (OCSP) for Public Key Infrastructure (PKI) environments	●	●	●	●	●
Ability to restrict user access to menus and controls	●	●	●	●	●
Support for CA SiteMinder	●	●	●	●	●
Support for Lightweight Directory Access Protocol (LDAP) interface to Resource Access Control Facility (RACF)	●	●	●	●	●
Support for Eastern European and Cyrillic code pages and character sets	●	●	●	●	●
Certificate revocation list (CRL) support	●	●	●	●	●
Certificate policy support	●	●	●	●	●
Automatic Kerberos sign-on for access to IBM iSeries hosts using Windows credentials	●	●	●	●	●
SSH SFTP (secure file transfer) support	●	●	●	●	●
Ability to browse host files for IND\$FILE	●	●	●	●	●
Cursor ruler support	●	●	●	●	●
Mouse mapping	●	●	●	●	●
Dockable keyboard, button, and toolbar palettes	●	●	●	●	●
Option to view/hide OIA	●	●	●	●	●
End-to-end SSL/TLS encryption from the client, through the security proxy server, to the host	●	●	●	●	●
Smart card support	●	●	●	●	●
Single sign-on to IBM mainframes via Express Logon Feature	●	●	●	●	●
Integration with IBM WebSphere Portal	●	●	●	●	●
IBM WebSphere browse-away support	●	●	●	●	●
Centrally managed FTP client for standalone use	●	●	●	●	●
FTP command line interface for file transfers	●	●	●	●	●
Macro enhancements for users and administrators	●	●	●	●	●
FIPS 140-2 validated cryptographic modules	●	●	●	●	●
More secure FTP file transfers to and from any host or FTP server	●	●	●	●	●

● Feature available in this version

Continued on next page

Features in Reflection for the Web	12.3	2014 R1	2011	2008	9.6
Faster authentication for Microsoft Active Directory users starting web or Windows sessions	●	●	●	●	●
Improved metering for tracking usage levels	●	●	●	●	●
Enhanced printing capabilities, based on Java 2 support	●	●	●	●	●
Management of web- and Windows-based sessions from the same console	●	●	●	●	●
Integration with BEA portals		●	●	●	●
Web single sign-on using CA SiteMinder	●	●	●	●	●
Secure token authorization	●	●	●	●	●
SSH2 support	●	●	●	●	●
AES encryption	●	●	●	●	●
Triple DES encryption	●	●	●	●	●
SSL/TLS encryption for Telnet	●	●	●	●	●
Centralized deployment, configuration, troubleshooting, and security	●	●	●	●	●
Ability to print to HPT (Host Print Transform) or non-HPT printing devices using 3812 printer emulation	●	●	●	●	●
Transfer of data to and from AS/400 hosts using SQL, a SQL Wizard, or ASCII files	●	●	●	●	●
Quick automation of tasks with our macro recorder—no programming required	●	●	●	●	●
Use of FTP to transfer files between FTP servers and Reflection for the Web terminal sessions	●	●	●	●	●
Printing from HP systems using local or host control; network, local, or print to disk; top, bottom, and record mode logging support; and line-drawing characters	●	●	●	●	●
Ability to print using TN3287 transport for 3270 printer sessions	●	●	●	●	●
Ability to link a terminal session to a printer session using TN association; the host automatically assigns a printing device LU	●	●	●	●	●
Additional IBM 3270 features, such as cut to clipboard, word wrap, smart insert, and error reset	●	●	●	●	●

● Feature available in this version



**UK Headquarters**  
United Kingdom  
+44 (0) 1635 565200

**U.S. Headquarters**  
Seattle, Washington  
206 217 7100  
800 872 2829

Additional contact information  
and office locations:  
**[www.attachmate.com](http://www.attachmate.com)**