Micro Focus® Reflection® Desktop Pro is an integrated terminal emulation and PC X server solution that connects desktop and mobile users to IBM, UNIX, Linux, OpenVMS, HP 3000, HP NonStop, and X11 (X Window) systems. Secure, manageable, and easy to use, Reflection Desktop Pro continually delivers new and better ways of doing business.

**Product Highlights**

**Get the One-Stop Host-Access Solution**

Reflection Desktop Pro covers the full spectrum of terminal emulation and PC X server needs—connecting Windows desktops and mobile devices to text-based and graphical X applications—all in one package. It also supports a mix of technologies, including Windows 10; Active Directory and Group Policy; Microsoft App-V, VMware, and Citrix XenApp; and IPv6 and 64-bit computing. When it comes to host access, we have you covered.

**Add Layers of Security**

Reflection Desktop Pro shields data in motion and at rest. Built to support the highest U.S. government security standards (FIPS 140-2 and DoD PKI), it provides TLS 1.2 encryption, elliptical curve cryptography (ECC), and SHA-256/RSA-2048 digital signatures. It lets you mask data on live host screens, redact data as it is entered, lock down SSL/TLS settings, and prevent access via wireless networks. At a more granular level, you can log host access and specify group access levels. And remote connections? They’re channeled through just one firewall port—minimizing the attack surface and security leaks.

**Team with Micro Focus Host Access Management and Security Server (MSS)**

Enable strong security through effective management by teaming Reflection Desktop Pro with MSS. Working with your Identity and Access Management (IAM) system, MSS seamlessly propagates changes to application settings and user-specific content—right here, right now, from a central server. You can lock down 100s (or 1000s) of desktops with ease. Grant or deny access based on group or role. Make post-install adjustments on the fly. Next time users launch a session, they’ll receive the changes.

You’ll gain additional critical functionality when you pair MSS with these products:

- **Security Proxy Add-On**—Deliver end-to-end encryption and enforce access control at the perimeter with patented security technology.
- **Advanced Authentication Add-On**—Enable multifactor authentication to authorize access to your valuable host systems.

**Quick View**

- **New** Print multiple screens utility for collating data from multiple host applications.
- **New** Share VBA macros capability for accelerating productivity on a wide scale.
- **New** Easily automate business processes with a visual code editor (Express Macro Language).
- **New** Input data via Bluetooth barcode scanning.
- **New** FIPS 140-2 validation, TLS 1.2 encryption, elliptical curve cryptography (ECC), and SHA-256/RSA-2048 digital signatures to PCI DSS compliance, DoD PKI certification, and patented Secure Token Authorization.
- **New** Use Micro Focus patent-pending Data Masking technology to strengthen security and facilitate PCI DSS and GDPR compliance.
- **New** Centrally secure and manage sessions using Host Access Management and Security Server.*
- **New** Make host connections using virtualized platforms with Microsoft App-V, VMware, and Citrix XenApp.
- **New** Leverage TouchUx to give iOS, Android, and Windows mobile-device users the mainframe keyboard experience they are accustomed to.
- **New** Add modern, time-saving controls to IBM host applications using Plus UI modernization.
- **New** Suspend and resume X sessions across Windows, UNIX, and Linux platforms.
- **New** Share X sessions in real time to collaborate with colleagues around the world.

*Requires a separate license.
Automated Sign-On for Mainframe Add-On—Enable automated sign-on to IBM 3270 applications via your identity and access management system.

PKI Automated Sign-On Add-On—PKI-enable automated application sign-on to your critical enterprise systems.

Terminal ID Management Add-On—Dynamically allocate terminal IDs based on username, DNS name, IP address, or address pool.

Smart Card Multi-factor Authentication—Allow multi-factor authentication to MSS via x.509 certificates on a smart card.

Team with MSS to gain control of your host access estate.

Customize Reflection with Ease
IT and end-users can easily customize Reflection Desktop Pro workspaces and sessions, locking down features and controls as needed, prior to deployment. Because Reflection Desktop Pro leverages MSI and related technologies, it’s easy to deploy and manage all your custom files.

Maximize Your Microsoft Investment
Reflection Desktop Pro supports key Microsoft Windows and Office technologies, including Trusted Locations, User Account Control, the Microsoft Ribbon user interface, VBA, .NET, and Windows Error Reporting. As Microsoft evolves, so does Reflection. You can count on it.

Enhance the Mobile Experience
Together with Citrix technology and Reflection Desktop TouchUX functionality, you can overcome the limitations of mobile host access. Users get full-featured terminal emulation from their mobile devices. They get the familiar look and feel of native iOS, Android, and Windows apps. And they get easy data entry on small screens. In short, they can do their best work, wherever they are.

Cut Keystrokes, Boost Productivity
From the user perspective, Reflection Desktop Pro delivers “easy” and “familiar.” The long list of productivity boosters includes:

- Office productivity features
- Advanced copy-and-paste functionality
- Data input via Bluetooth barcode scanning
- Customizable, easy-to-distinguish tabs
- Personalized sessions
- Automated tasks via VBA
- Visual code editor for easy automation of business processes by citizen developers
- Plus UI modernization for adding modern controls to IBM host apps

Now host applications are as easy to use as Office applications.

Enjoy Freedom to Move and Collaborate
The Reflection Desktop Pro multi-tier architecture makes it possible to start a project in the office and resume it later from somewhere else. Users can easily collaborate with coworkers or partners in other locations, transferring and sharing X applications in real time. Thanks to advanced fault tolerance and load balancing, working with colleagues around the world is as seamless as if they were right down the hall.

Watch Designs Come Alive
By automatically detecting and adjusting for low-bandwidth and high-latency network connections, Reflection Desktop Pro renders 2D/3D graphical X Windows applications and X desktops (GNOME and KDE) with unrivaled speed and accuracy. Windows users can connect to high-powered CAD/CAM, modeling, animation, and simulation applications that leverage the OpenGL API. And they can enhance graphics with transformation, color, lighting, smooth-shading, and texture-mapping functions.