
DATA SHEET**BUSINESS CHALLENGE**

For many enterprises, terminal emulation is the window to their mission critical applications. The high cost of managing individually installed desktop-based software, however, can prevent companies from introducing updates and new features to the business user community.

The challenge that organizations face is how to maintain end-user productivity while at the same time reducing costs on the desktop. Companies are also looking to cut down on administration costs through central deployment and management techniques.

PRODUCT OVERVIEW

Micro Focus OnWeb® Web-to-Host offers the same rich features and user experience as desktop-based, RUMBA terminal emulators without the need for individual installations. Through a single browser-based interface, Web-to-Host delivers a fast native and persistent connection to mission critical applications and data residing on virtually any host. This component-based architecture enables optimal performance and fast, flexible, custom application development. Web-to-Host is easy to deploy and administer in heterogeneous enterprise environments.

KEY BENEFITS

- Connects to the most popular host types (3270, 5250, VT) enabling all users to take advantage with zero impact to their day to day business operations
- Enables administrators to install and configure browser-based access to thousands of users within minutes, reducing the cost associated with software administration and management.
- Eliminates the need to configure individual desktops using centralized deployment features that minimize downtime and reduce IT investment
- Supports FIPS140-2 level security, including SSL and SSH secure connectivity, facilitating data integrity, privacy, and security.

- Extends secure host application access to remote users via the Web with enhanced SSL and TLS support to better interact with partners and external users
- Extends emulation to territories standardized on double-byte character sets
- Leverages personalization and customization investments made in desktop access solutions and reduces transition costs
- Includes an intuitive interface for accessing different host types, significantly reducing training costs and lowering technical support needs for users
- Supports tabbed browsing for multiple-host sessions in one browser
- Supports both Microsoft and Open Computing (Java) deployment models enabling platform choice for the IT organization and business user.

ORGANIZATIONAL BENEFITS AND EXAMPLES OF USE**Desktop emulation replacement**

While the benefits of a desktop based emulator are evident, for some users and environments deployment and usage is best within the browser. Web-to-Host is the only platform of its kind that combines the features and security of a desktop based emulator with the ease of deployment of Web based technologies.

Offshore and remote employee access to core applications

Countless companies have taken advantage of remote employees for either at-home telecommuting or for offshore cost savings. Web-to-Host enables these employees to have the same user experience they would have at the office while using only the desktop's browser.

Retail POS Operations

In the days of big bulky Point of Sale (POS) terminals, standard desktop emulators were acceptable. Now retail POS terminals are becoming more like network devices. Organizations leverage the thin and lightweight design of Web-to-Host to continue to access their retail applications while streamlining the POS terminal or thin client device

Hybrid-Composite Applications

Single 'dashboard' view portals are becoming more popular. What happens when a single view infrastructure meets end-users who only know emulation applications? The answer is Web-to-Host. Organizations are able to deploy single view portal applications with embedded emulation using Web-to-Host facilitating an integrated and agile environment for business users.

DETAILED FEATURE OVERVIEW

Full-featured Web-based terminal emulation

Micro Focus OnWeb Web-to-Host enables business users to work more effectively with host-based information from a familiar Web browser environment. It provides all the core functionality of a Windows-based emulator—from multi-session support and host printer emulation, to a variety of file transfer and host-based graphics options—without the large desktop client footprint. **It's the light weight, yet feature rich, alternative to desktop terminal emulation.**

Local Start feature ensures access

Using the Local Start feature, Web-to-Host users can connect to the host and work independently of the Web server once they've completed their first connection. The Web server is required to provide the initial download and any updates, but in all other cases, clients can operate independent of the server's availability. This feature creates a distributed environment identical to desktop based emulation. Web-to-Host connects directly to the host system, instead of through a single Web server, removing the single point of failure. **This capability ensures connectivity for the business user and mission critical applications.**

Distribution Packager and MSI Packager tools

Using Distribution Packager, administrators bundle multiple configuration and data files into a single, easily distributed package. This allows administrators to customize host sessions and create a complete work environment with features such as keyboard map files, macros and custom toolbars. With the power of MSI Packager, administrators can create custom installations by selecting the emulation type and features, including distribution packages, and wrapping it all into one installation file. MSI Packager eliminates the need for a Web server and provides better control over installed components and user-environment configuration.

Application Virtualization

OnWeb Web-to-Host supports the use of Citrix Presentation Services as well as Microsoft Terminal Services (WTS) for remote application deployment and access. Under these platforms, OnWeb Web-to-Host is accessible from a Citrix or WTS environment. All OnWeb Web-to-Host feature sets highlighted below are available under the Citrix or WTS platform.

Internet Protocol Version 6 (IPv6) support

OnWeb Web-to-Host supports the use of IPv6 formatted addresses for host system connectivity. This use of IPv6 within OnWeb Web-to-Host allows for the application of IPv6 host naming conventions. User can now connect to IPv6 enabled host applications and network printers.

Enterprise Grade Security

Protect valuable host information from internal and external threats. User communication is secure with OnWeb Web-to-Host. No architectural changes are required for deployment because Micro Focus software adapts to the highest level of security available from your organization's existing host security, network security, firewall, and virtual private networks (VPNs). OnWeb Web-to-Host contains FIPS 140-2 level embedded Secure Sockets Layer (SSL) technology for secure terminal sessions to host computers. For users connecting via the Internet, simply add RUMBA Security Services (RSS) by Micro Focus for added protection. Its unique technology provides persistent terminal and FTP sessions via the standard HTTPS port on existing firewalls or proxy servers, making it easier than ever to extend access to external users while protecting information assets.

Support for DBCS

Web-to-Host features support for double-byte character sets (DBCS) to enable customers with emulation needs in territories where DBCS is the standard.

iSeries Single Sign-On

Web-to-Host's Single Sign-On feature streamlines client authentication and reduces administrative costs. Administrators configure and manage a single logon process that extends to the iSeries system through the use of Kerberos technology, which is standardized and integrated by IBM and Microsoft.

iSeries long password support

Support for iSeries long passwords creates higher levels of security by taking advantage of long and/or mixed case passwords.

iSeries Masking feature (part of ENPTUI)

Support for the masking feature that allows users to type date, credit card or phone numbers without any separation symbols (like space, dash or point) and let OnWeb Web-to-Host apply the correct format to the entry.

Roaming user support

Users can access their Web-to-Host profiles from any network-connected desktop, allowing remote/mobile users to stay connected. When a user logs on to the domain from a new desktop, the server downloads that user's profile information. Multiple users, each with their own preferences and settings, can share a single desktop. This is ideal in call center and shared workstation environments. Using a thin-client terminal, any user can log on to the host using Web-to-Host.

Software installation and management

Micro Focus Service Manager, once installed on the client machine by an administrator, handles installation of the different emulation components, regardless of the rights of the logged-on user.

Moreover, whenever updates are made to the Web server, they are automatically applied to the various client machines without the need for direct intervention.

SQL-based file transfer

Users can transfer AS/400 database queries and updates between the host and the PC, providing for more efficient work processes. Microsoft Excel binary files are also supported.

Support for Web migration

Web-to-Host utilizes existing RUMBA terminal emulation macros, keyboard map files, scripts, and host access information to ease migration to Web-based solutions.

VBA-type script support

VBA-type script support enables faster, more powerful customization that improves end-user productivity and streamlines business processes. It also supports the execution of existing RUMBA, ViewNow, and/or Attachmate scripts on the Web-to-Host platform, thus reducing transition costs from desktop to browser based access.

Custom application development

Support for a wide range of architectures and APIs provides maximum flexibility and convenience for programmers, developers, and other IT professionals. It supports all industry-standard HLLAPI APIs, ActiveX controls and JavaBeans, display and host application printing, native file transfer, and flexible keyboard mapping. Web-to-Host also includes an intuitive, point-and-click macro editor. ActiveX and JavaBean support enables more efficient development and deployment of custom applications, which can be accessed without recoding.

Streamlined deployment and administration

Web-to-Host lets system administrators install and configure browser-based access in minutes from a central Web server. They can distribute software updates without accessing individual desktops, thereby minimizing downtime and reducing the time necessary for software management. Additionally, administrators have the ability to enable and disable features for end users on demand, allowing for centralized control and security and personalization where needed.

FDCC Compliant

Web-to-Host fully complies with the Federal Desktop Core Configuration mandated security configurations.

PRODUCT SPECIFICATIONS & SYSTEM REQUIREMENTS

Micro Focus Web-To-Host

Client Interfaces

- TCP/IP – Windows Sockets, Client-Side SSL, SSH for UNIX

Browser Requirements*

- Internet Explorer 5.5, 6.0, 7.0, 8.0, 9.0
- Mozilla Firefox 6.0
- Google Chrome 15

*Notes: Java and JavaScript must be enabled for both client- and server-side use. Clients running IE must enable ActiveX. Supports Sun/Oracle JVM v1.4.2 or higher.

Web Server Environment

- Any Web-enabled server

FTP File Transfer to/from

- IBM mainframe, IBM AS/400
- HP MPE, Novell NetWare, Compaq VMS
- Microsoft Windows 2000, XP, Vista

Network Server Support (optional)

- Microsoft SNA Server
- Microsoft Host Integration Server

Language Support

- Localized in English, French and German

Micro Focus Web-To-Host (Host Pro / ActiveX)

Supported Host Platforms

- IBM Mainframe, IBM AS/400, UNIX, VAX, HP

Client Emulators

- TN3270, TN3270E, TN5250, TN5250E, HP-NSVT, TELNET

Other Features

- IBM Mainframe and AS/400 Printer Sessions
- IBM Mainframe and AS/400 File Transfer

Micro Focus OnWeb Web-To-Host (Host Java)

Supported Host Platforms

- IBM MF, IBM AS/400, UNIX, VAX

Client Emulators

- TN3270, TN3270E, TN5250, TN5250E, TELNET

Other Features

- Mainframe and AS/400 Printer Sessions
- Mainframe and AS/400 File Transfer

WHAT'S NEW IN ONWEB WEB-TO-HOST 6.3 ?

- New license management with Micro Focus License Manager
- Masking feature from ENPTUI (java only)
- BIFF 8 and Office Open XML format support for file transfer (iSeries/PRO only)

For additional information please visit: www.microfocus.com