

## DATA SHEET

# MICRO FOCUS ONWEB WEB-TO-HOST

## 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 users.

The challenge businesses 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 administration techniques.

## Product Overview

Micro Focus OnWeb<sup>®</sup> Web-to-Host offers the same features and user experience as desktop-based terminal emulation without the need for individual installations. Through a single browser-based interface Web-to-Host delivers a persistent connection to mission critical applications and data residing on virtually any host. The 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 change to their day to day operations
- Enables administrators to install and configure browser-based access to thousands of users within minutes, reducing the cost associated with software administration and monitoring
- Eliminates the need to configure individual desktops using centralized deployment features that minimize downtime and reduce IT investment
- Supports FIPS level security to keep all data secure
- Extends secure host application access to remote users via the Web with enhanced SSL to better interact with partners and external users
- Extends emulation to territories standardized on double-byte character sets

- Leverages 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

## 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

- Hundreds of 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 slimming down the POS terminal.

### Hybrid-Composite Applications

- Single 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 infrastructures with embedded emulation with Web-to-Host.

## Detailed Feature Overview

### Full-featured Web-based terminal emulation

- Micro Focus OnWeb Web-to-Host enables business users to work more efficiently 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.

### 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 server 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.

### 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.

### Comprehensive security

- Protect valuable host information from internal and external threats. User communication is secure with 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). Web-to-Host contains FIPS 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 patented 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. Centralized user profile management simplifies host access administration and makes monitoring and compliance reporting easier.

### iSeries long password support

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

### 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 updates with regular user rights

- 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 macros, keyboard map files, scripts, and host access information to ease migration to Web-based solutions. In addition, Web-to-Host takes advantage of RUMBA's Attachmate® profile migration utility, which makes migrating from Attachmate Extra!® desktops to Web-to-Host clients easier than migrating to Attachmate's own Web-based terminal viewers.

### 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. This technology reduces bandwidth requirements because ActiveX and JavaBean objects install on the first download and are cached. Future downloads only occur when Web-to-Host components are updated on the Web server.

### 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.

### FDCC Compliant

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

## Product Specifications & System Requirements

### Micro Focus OnWeb 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

#### 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 French and German

### Micro Focus OnWeb Web-To-Host (Host Pro)

#### 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

#### Additional Supported Browsers

- Mozilla FireFox 1.5+

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

For additional information please visit: [www.microfocus.com](http://www.microfocus.com)