

## DATA SHEET

# MICRO FOCUS ONWEB

### Business Challenge

Business units are under significant pressure to deliver new products to market faster than ever. The challenge for these business units is to respond to market demands in a timely fashion while using fewer resources. All this must come under budget while at the same time proving an ROI to the organization.

A competitive business unit must:

- a. Take advantage of existing core applications in new ways
- b. Interact with customers, partners, and employees using the latest technologies
- c. Securely connect internal and external communications
- d. Lower the cost of ownership by reusing and modernizing existing application capabilities
- e. Work with standard Web development tools to reduce the training effort
- f. Deliver new products to market in weeks rather than months or years

### Product Overview and Key Benefits

Micro Focus OnWeb™ is a platform solution for application modernization, integration and desktop emulation replacement. OnWeb enables companies throughout the world to continue to use and extract value out of core host systems for mission critical applications.

OnWeb enables business units by turning green screen applications into graphical, Web-based applications. This streamlines existing business processes, while at the same time, creating a reusable framework for the future. All this is accomplished without changing the business logic of the core application – lowering the risk and cost of deploying new business solutions.

OnWeb drives down the cost of new product initiatives by using what is already there and exposing it as new technology. Call center, banking, kiosk, pricing and inventory applications are launched faster than ever using OnWeb. Business units will immediately see the benefits of OnWeb when used to enhance customer and user experience.

### Detailed Feature Overview

OnWeb is feature rich with tools that span across the entire IT solution and development lifecycle.

With well over 10 years of deployment and hundreds of production customers, OnWeb is the market leader in the user interface modernization category.

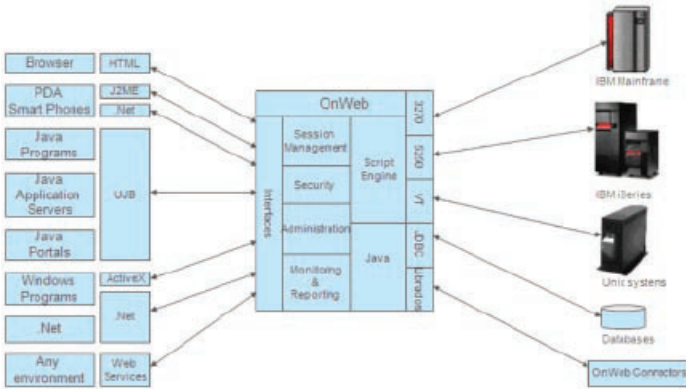
OnWeb works seamlessly with embedded off-the-shelf solutions such as change management, version control, and most 3rd party development tools and utilities.

OnWeb provides agile means of transforming applications on host and mid-range (AS/400) systems into reusable Web-Services, .NET, JAVA, portal and Web 2.0 components.

Some highlighted features of OnWeb include:

- Exposes 'green screen' based applications as a modern Web or .NET interfaces
- Deploys internal applications securely to external users and partners through standard firewalls without jeopardizing the business or rewriting the logic
- Supports a variety of interfaces, from XML through J2EE adapters and .NET assembly generation
- Generates secure PDF versions of host print jobs
- Integrates with the leading development tools and languages including JAVA, JavaScript, DHTML, XML, Visual Studio, Eclipse, AJAX/JSON and similar standards
- Supports Web 2.0 technologies
- Provides mission critical reliability with multi-server clustering support
- Generates Web services automatically from mainframe screens and business logic
- Integrates with LDAP, JDBC and WS-encryption
- Works with existing application server platforms: WebSphere, WebLogic, and JBoss

## Micro Focus OnWeb Server delivers to the Enterprise



### CLOUD AND SAAS (SOFTWARE AS A SERVICE) ENABLING LEGACY APPLICATIONS

OnWeb offers a selective, secure way of bringing selected parts of a legacy applications onto the hosted environment, in the expected manner and quality level, this includes:

- Security measures embedded in the product
- Auditing measures embedded in the product
- Scalability and, in cloud terms, elasticity embedded in the product
- An agile set of tools for generating web user interfaces for more than one platform, both on-the-fly and for specifically customized screens and pages.

### DESKTOP EMULATION REPLACEMENT

While the benefits of a rich graphical environment are evident, for some users, the look and feel of green screen needs to remain. Micro Focus OnWeb is the only platform of its kind to offer features like keyboard buffering, AJAX based updates, and core printing that replicate the emulation user experience without the need for a desktop based emulator.

### TURNING GREEN SCREENS INTO WEB APPLICATIONS IN MINUTES

Micro Focus OnWeb instantly converts 3270, 5250 and VTscreen-based applications into Web-based HTML pages. Micro Focus OnWeb, using a simple wizard, converts existing core screens into point-and-click, graphical Web-based applications.

## OFFSHORE AND REMOTE EMPLOYEE ACCESS TO CORE APPLICATIONS

Hundreds of companies have taken advantage of remote employees savings. Micro Focus OnWeb enables these employees to have the same user experience they would have at the office while using only the desktop's browser.

### INTEGRATION WITH NEW PACKAGED APPLICATIONS.

A large number of organizations have stopped using core applications as their primary systems, but still need to have access to historical data or transactional data on a core system. Micro Focus OnWeb encapsulates any core transaction for use in Web services or other integration components that can be accessed by other applications.

## Detailed Feature Overview

### INTUITIVE DESIGN TOOLS

Micro Focus OnWeb's development tools enable organizations to easily create reusable components from their existing host applications for consumption in new development projects. OnWeb features a syntax checker for manual script writing and enhanced debugging capabilities.

A developer can encapsulate one specific transaction or multiple transactions into new reusable business components, such as Web services, .NET assemblies, BizTalk Schemas, Java Beans, Enterprise Java Beans (EJB), and Portlets. These components can then be included in new or existing projects developed in industry leading Integrated Development Environments (IDEs) such as Microsoft Visual Studio.

### CLUSTERING AND FAILOVER

Introduced in this release of OnWeb is the addition of clustering and failover support. Micro Focus OnWeb can now easily scale across multiple runtime servers. This addition extends OnWeb's mission critical reliability.

### HOST PUBLISHING ENHANCEMENTS

Micro Focus OnWeb's host publishing capabilities are unmatched in the industry and have been improved even further with enhanced popup support, keyboard buffering, and AJAX functionality.

### PERFORMANCE

Micro Focus OnWeb delivers cost savings and a ROI by delivering increased business process performance. By taking multiple green screen business processes and combining them into OnWeb Web services, the performance of those business processes are increased many times over. In some cases, a 300% improvement has been documented.

## SECURITY

Micro Focus OnWeb applications can easily be integrated with corporate security and authentication infrastructures. Through the implementation of SSL, Micro Focus OnWeb ensures that data passed between the user-facing Web application, Micro Focus OnWeb server and the backend host systems is totally secure. Micro Focus OnWeb does not compromise the security, business rules or data integrity of existing host systems. OnWebs' separation of duties functionality ensures the separation of Development, Test, and Deployment Administration access to the server.

## MULTI-USER SUPPORT

All Micro Focus OnWeb applications and components are automatically multi-user applications. Therefore, as each user logs in, Micro Focus OnWeb creates a new context that is completely isolated from all other users.

This ensures that no special preparation or programming is required from Micro Focus OnWeb developers when deploying applications to hundreds or thousands of users.

## ADMINISTRATION CONSOLE AND VIEWER

The administration panel allows server administrators to be more responsive to end user issues. Two key components have been added to facilitate this, the application viewer and the real time transaction debugger.

With the application viewer, administrators have a dashboard view of which applications are deployed and what dependencies they have. For example, it is possible to quickly understand how many web services a deployed application is utilizing.

This is critical in multi-organizational SOA deployments. With the transaction debugger, in a host publishing application, the administrator can see in real time which screen is "stuck" by which user remotely. Identifying changed screens or low performing screens is key to rapidly responding to end user issues.

## ERROR RECOVERY

Micro Focus OnWeb's error recovery feature ensures that if an Micro Focus OnWeb component fails, only the specific instance of the component is affected with no impact to other users or applications.

## PDF & EXCEL PRINTING FROM SYSTEM I APPLICATIONS

Micro Focus OnWeb features a new printing solution called iPrint. This solution allows world-wide-web (HTML) users to receive iSeries (AS/400) print jobs in the form of PDF or Excel formats regardless of their geographic whereabouts.

This feature is critical to Insurance and Healthcare providers since most of their job functions revolve around printing.

This solution eliminates the need for local print terminals and uses local printers.

## AJAX SUPPORT

For years customers have been looking for ways to get rid of desktop emulation clients without disrupting the user experience. Previous versions of Micro Focus OnWeb converted these green screens into HTML pages to preserve the look and feel of the original application. In some cases, this was unusable as the HTML overhead decreased the performance of the green screen application. This version of Micro Focus OnWeb has AJAX capabilities meaning the performance of an HTML green screen is almost that of a standard terminal green screen application.

This intelligent "update only what has changed" feature of Micro Focus OnWeb makes it the only legacy integration server that can truly replace desktop emulation.

## Product Specifications & System Requirements

### Micro Focus OnWeb Server General Specifications Runtime Server Operating System

- Microsoft Windows 2003 Standard and Enterprise Edition
- Microsoft Windows 2008 Standard
- AIX 5L and above
- iSeries V5R4, V6R1

### Micro Focus OnWeb Development

- Microsoft Windows Vista, Windows 7
- Microsoft Windows XP Professional

### Supported Host Connections

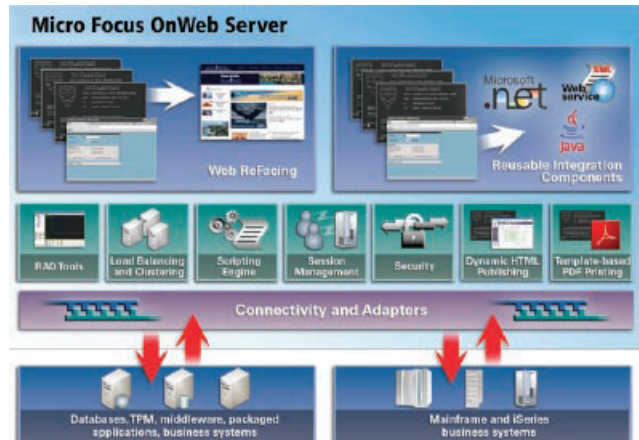
- Mainframes (3270 protocol)
- AS/400, iSeries (5250 protocol)
- UNIX (VT – Via scripting only)
- Any Database (ODBC, JDBC protocol)

### Presentation Environments Browsers and Mobile devices

- Internet Explorer 5.5, 6.x, and 7.x, 8
- Netscape 4.5+, 6.2.x, and 7.x
- Mozilla Firefox 1.0 and above
- Mozilla 1.5 (UNIX only)
- Microsoft environment (Web services, COM interface, .NET Assembly)
- J2EE environment (EJBs, JavaBeans, Portlets, Web services)

### Databases

- ODBC and JDBC



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