



# HostBridge® WIRE – Web Interface Rules Engine

## Web Presentation and Integration for Mainframe Apps and Data

HostBridge WIRE reinvents the mainframe. With WIRE, the Web Interface Rules Engine, organizations can present mainframe applications and data in any client device – from desktops and laptops to the latest smartphones and tablets. Use WIRE to provide employees, partners, and customers with easy, intuitive mainframe access, modernize legacy applications, and create new, dynamic user-oriented resources. A Microsoft .NET programming and runtime environment, WIRE lets you rapidly develop and deploy mainframe Web interfaces and reduce Web-enablement costs.

### The Everywhere Mainframe

Your business applications and data are on your mainframe. Your users are everywhere. Connect your mainframe to everyone everywhere with WIRE. WIRE supports any client device – from desktops and laptops to tablet PCs, iPads, iPhones, Android phones, and Chrome notepads. Whatever device they use, wherever in the world they go, your users can now leverage the power and value of your most trusted business platform.

### Web-Enabled Mainframe Apps

Organizations use HostBridge to transform mainframe applications and data into integration-ready XML documents and Web services. WIRE complements and extends these capabilities, presenting mainframe data and business logic through familiar, easy-to-use Web interfaces for different types of users.

### WIRE Presentation Modes

WIRE consumes any XML or TN3270 data stream and then modernizes legacy applications with three browser-based presentation modes:

- **Classic Mode** replicates the look and feel of a 3270 terminal screen for seasoned terminal users.
- **Standard Mode** preserves 3270 functionality while simplifying display for users with less terminal experience.
- **Enhanced Mode** delivers a rich Web look-and-feel and enables creation of entirely new services-based applications for today’s Web users; on handheld devices, WIRE presents full-function touchscreens and keyboards.

### Rich Web Capabilities

WIRE’s powerful, flexible Enhanced Mode leverages all the capabilities of HostBridge – XML, Web services, mainframe process automation – and the .NET framework to empower organizations to transform mainframe applications:

- Use the WIRE Toolbox to design richer, more functional pages with appealing layouts, formatting, navigation tools, images, and more.
- Select application areas for display or present CICS processes as a single automated service.
- Incorporate ASP.NET custom controls, rules from the WIRE Data Dictionary, and services from any XML-capable data or application asset.
- Create a single, efficient entry point for many user interactions by integrating data, designs, services, controls, and objects into composite applications
- Ensure future extensibility with reusable Web services and designs.

### Rapid Deployment, High Performance

WIRE and HostBridge deliver high-performance mainframe Web enablement and integration. WIRE runs on IIS and features a full suite of object-oriented .NET components that can be utilized in Visual Studio. Using the WIRE Toolbox, .NET developers can configure WIRE’s data dictionary and rapidly design, develop, debug, and deploy flexible, feature-rich Web interfaces.

The combined results are lower development costs, reliable integration, and lower TCO.

### ANY CLIENT DEVICE

- Desktop/laptop
- iPhone
- Android phone
- iPad/tablet
- Chrome notepad

### ANY 3270 APP

- CICS
- CA IDMS™
- CA Ideal™
- CA Telon®
- CA Gener/OL™
- Cobol
- Natural/Adabas
- IMS

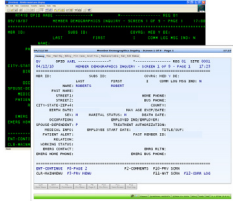
### BENEFITS

- Mainframe access via three Web presentation modes
- App/data integration in dynamic Web 2.0 composites & mashups
- Presentation for power users, Web-based partners and customers
- Easy development, fast deployment
- Replaces costly 3270 emulation, cuts training costs

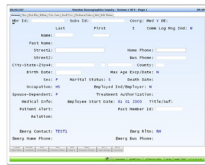
## WIRE and HostBridge – Presentation and Integration Architecture

WIRE runs on Microsoft IIS Web Server and consumes TN3270 data streams and/or XML/Web services from other application platforms including mainframe-resident HostBridge. This architecture ensures rapid development and deployment of graphical user interfaces and composite applications, flexible integration of mainframe and distributed systems, and enterprise-level performance, scalability, and reliability.

“Green Screen”



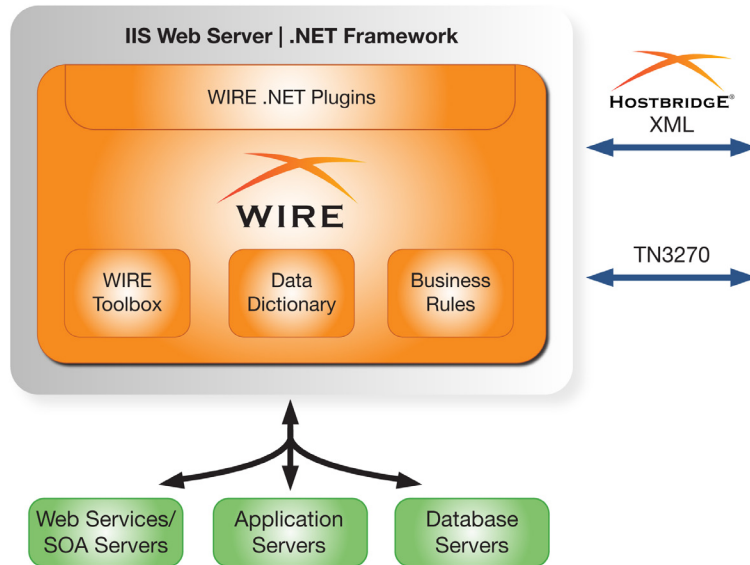
Classic Mode



Standard Mode



Enhanced Mode



## HostBridge WIRE – At-a-Glance

### WIRE PRESENTATION MODES

- Classic Mode – mouse-driven terminal-style display with functional command/PF keys
- Standard Mode – improved terminal-style display with navigation tabs, buttons, status bars, reduced text
- Enhanced Mode – rich Web look-and-feel plus advanced integration functionality

### WIRE TOOLBOX (v2.0)

- Full ASP.NET programming environment
- Visual Studio 2008-based
- ASP.NET custom controls
- Data Dictionary for client-side object integration
- Integration of data/logic from any XML-capable resource
- Object-oriented .NET components included for easier integration
- Design, develop, debug, deploy in a single environment

### WIRE SESSION MANAGER (v2.0)

- Simultaneous connection to multiple mainframes, regions, applications, data resources

### WIRE ENVIRONMENT

- Development platform: Microsoft ASP.NET
- Web Server: Microsoft IIS 6.0 Web Server
- Web browser support: Internet Explorer, Mozilla Firefox, Google Chrome, Android, Safari, others

### WIRE DATA DICTIONARY CAPABILITIES

- Dynamically provide more content in the GUI than the mainframe screens provide
- Rules-based dynamic generation of
  - Help text
  - Images
  - Pop-up calendars
  - Drop down menus
  - Database lookups
  - Introduction of new fields
- Dynamic substitution of data, text, or images
- Rules can be set globally, for specific screens, or for specific user groups



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