

## Solution Data Sheet

# Modernizing the Mainframe with WIRE

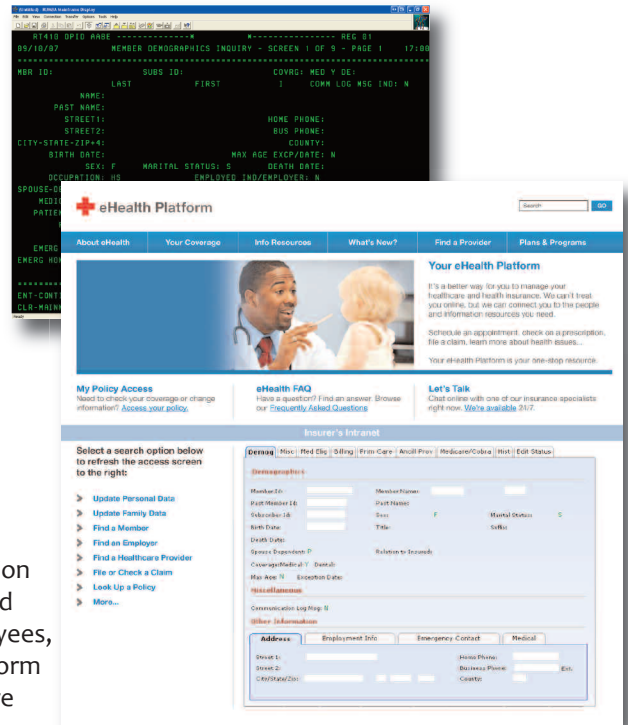
*Modernize legacy applications with new Web interfaces or within rich Web apps to expand user access and accelerate returns on mainframe investments.*

SOLUTIONS  
CONSULTING  
SERVICES

Turn to Brandon Systems and WIRE, the Web Interface Rules Engine, to revitalize your mainframe and re-energize your business. For many enterprises, the mainframe is the business-critical platform, yet legacy applications remain inaccessible to the vast majority of users. Mainframe modernization solves the problem. Using Brandon solutions, enterprises update legacy apps with easy Web interfaces, create rich new Web composite apps incorporating mainframe and other information assets, provide self-service access to millions of new users, and restart the mainframe as a revenue engine.

### EMPOWERING THE MODERN USER

Legacy mainframe applications were built at a time when highly trained operators had sole access to core business systems. Other employees, partners, and customers could “interact” with the mainframe only through these power users working in a call center or office pool. Today, however, people expect instant self-service access to everything – bank accounts, insurance policies, health records, and so on. For many organizations, providing that access and tapping the vast pool of user productivity can revolution business.



### EXAMPLE: MAINFRAME-BASED eHEALTH PLATFORM

A consortium of healthcare and insurance providers developed an eHealth Platform for more than a million stakeholders – healthcare professionals, product and service suppliers, government and insurance employees, and patients-policyholders. At the heart of the platform are mainframe applications and data from healthcare providers, insurers, and government agencies. By modernizing these resources, the consortium delivered access to critical business applications and data through easy, intuitive interfaces for every user. Whether in a hospital, a business office, at home, or traveling abroad, users can access health records, insurance records and policies, and much more through the modern interfaces they know best.

### BRANDON MODERNIZATION SOLUTIONS

Both the mainframe and Web/mobile computing provide tremendous value and opportunity. The Brandon team combines deep experience helping healthcare, insurance, banking, and other organizations reach their business goals with expertise in a complete range of information systems and technologies – from mainframe to modern Web and mobile. Our mainframe modernization team can assist you with strategic modernization consulting, design and development services, and industry-best solutions.

### WIRE At-A-Glance

#### Presentation Modes

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

#### 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 Toolbox (v2.0)

- 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 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 Data Dictionary

- Dynamically present content from many resources
- Rules-based generation of fields, images, drop-down menus, database lookups, help text, etc.
- Dynamic substitution of data, text, or images
- Configurable globally or for specific screens

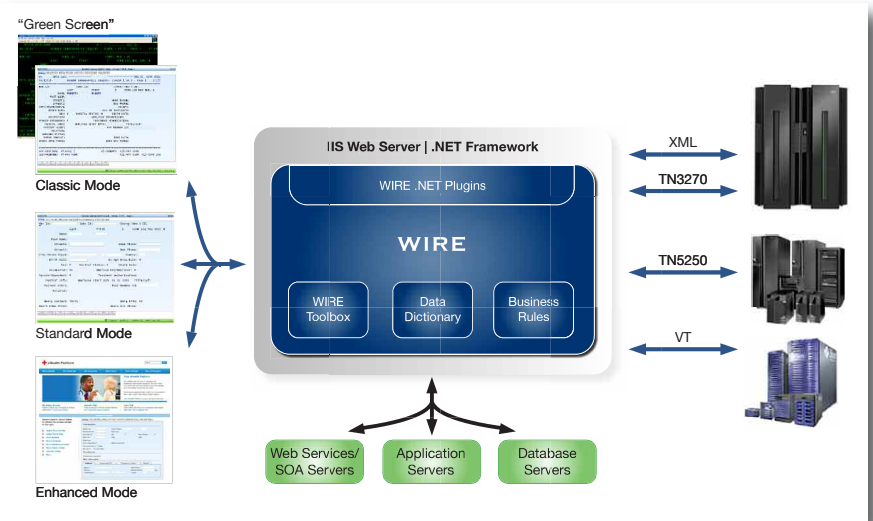
Brandon Systems is a leading provider of enterprise technology solutions. We have strong expertise in healthcare, and our customers depend on us to deliver solutions that span call centers, mobile users, ERP, CRM, eBusiness, application integration, legacy modernization, workflow, and business intelligence. Our solutions can run both on premises and in the cloud.

## Modernizing the Mainframe WIRE *continued*

### WIRE ARCHITECTURE

To revitalize mainframe applications with modern Web interfaces or incorporate mainframe resources within rich new Web-based composite applications, Brandon uses WIRE, the Web Interface Rules Engine. With WIRE, organizations make the mainframe readily accessible from any client device – desktop, laptop, tablet, and the latest smartphone.

WIRE is a programming and runtime environment that enables rapid development and deployment of dynamic new Web applications for today's users – employees, partners, and customers – while reducing modernization costs.



With WIRE's three presentation modes, organizations can deploy terminal-style screens for seasoned users, add Web tools such as navigation tabs and buttons for an even easier terminal-style display, or design rich, full-featured Web pages or entirely new Web applications featuring appealing layouts, formatting, and navigation, and leveraging custom controls and data dictionary rules to integrate data, logic, and services from virtually any resource.

### MODERNIZE WITH BRANDON SYSTEMS

Our flexible solution and experienced team can meet any legacy modernization need. If you are seeking a clear path to a revitalized mainframe without disrupting people or processes, we encourage you to contact us today.

