

# IpBridge

CONNECTING THE MAINFRAME TO THE WORLD



[www.data21.com](http://www.data21.com)

## IpBridge/Host

### WEB TO LEGACY CONNECTIVITY

IpBridge/Host is a Windows IIS based web-to-host server application for secure high-performance access to 3270 data and business logic by Web Browser users and Web applications. This product leverages standard and open technologies to deliver the functionality of more expensive proprietary oriented products at a fraction of the cost.

In industries such as Healthcare, Insurance, and Government Agencies; companies are using 3270 Applications to store useful and important information for users to access through standard web browsers. Accessing host data and business logic with a cost effective and secure application provides value for a company and its users. Reducing costs by integrating Screen Based Legacy Data and Processing with Internet, intranet and extranet e-Business Solutions provides rapid development and superior response time.

### KEY FEATURES

- Increases ease-of-use and productivity by customizing HTML pages to suit particular business needs using standard web authoring programs and techniques. At the same time providing the ability to control presentation with the use of Cascading Style Sheets (CSS).
- Improves service to business partners and customers by making legacy data and business logic available as a set of reusable services for new internet, intranet, extranet, or custom B2B (business-to-business) solutions without host code changes.
- Exposes host information as XML based Web Services components.
- Conserves time by using a Web Browser as the only client needed, as well as not having Applets to download or software to install on clients.

## Default 3270 Screen

The image shows two overlapping windows. The top window is a 3270 terminal displaying the 'Employee Master Maintenance' screen with fields for Employee # (1234), Name (Guy Sample), Phone (333 555 1234), Dept Code (3), Rate Code (1), Marital Code (2), Hire Date (02/01/97), Review Date (02/01/97), and Birth Date (04/21/48). The bottom window is a Microsoft Internet Explorer browser displaying a customized HTML version of the same 'Employee Master Maintenance' screen, with a search bar, dropdown menus, and a 'Submit' button. The text 'Complete Customized Screen' is overlaid at the bottom of the browser window.

## IpBridge/Secure

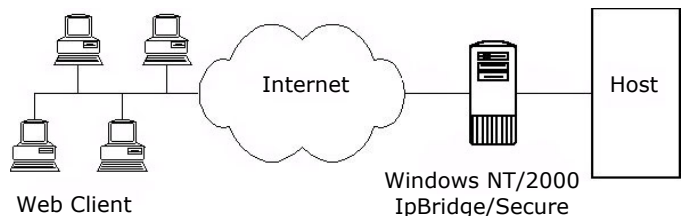
### SECURE YOUR MAINFRAME WEB CONNECTIONS!

IpBridge/Secure is an inexpensive middleware bridging Microsoft's IIS Web Server environment with Mainframe Web Servers to Plug-in IIS Windows based services; such as Secure Sockets Layer (SSL) and user authentication. Providing SSL encryption for Mainframe based Web applications (such as Data 21's IpServer CICS Web Server and IBM CWI).

With secure web access to mainframe data over the World Wide Web being a large concern for businesses today, users can find comfort with IpBridge/Secure offering a low-cost and user-friendly solution.

### KEY FEATURES

- Secure Sockets Layer (SSL) for secure connections to Host applications over HTTP
- Windows User Authentication Pass-Thru to Host applications
- Automatic inline compression of outbound Web Pages
- Transparent serving of static files (GIF, JPG,...) off-loads overhead from the Mainframe
- Installs on Windows NT/2000 in minutes
- Low cost (\$1000.00 per server)



## IpBridge/Connect

### ZIP-SERVER FOR ZIP/390 & ZIP/VSE

IpBridge/Connect is a Windows based Zip-Server that integrates seamlessly with its ZIP/390 and ZIP/VSE mainframe components. Taking a significant load off of the mainframe CPU, IpBridge/Connect acts as a pass-through by redirecting the data while allowing all controls to be handled on the mainframe. Compression, encryption and delivery processing are all done transparently by the Windows Server, freeing up the mainframe to do its job more efficiently. Mainframe job integrity is maintained as the ZIP/390 or ZIP/VSE task remains connected to the Zip-Server process from the start to finish (i.e., until the data has been delivered to its final destination); receiving and checking return codes at all stages. The ultra fast compression algorithm of data from ZIP/390 and ZIP/VSE to IpBridge/Connect transfers at F-CON channel speeds.

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