

# FlashCONNECT

*Your Path to the Web,  
Your Path to Success!*



*FlashCONNECT allows you to take your existing character-based application to the Web.*

## From D<sup>3</sup> to the Web

FlashCONNECT® is Raining Data's connectivity product that allows you to take your existing character-based application to the Web. Once there, applications continue to execute feature-rich, time proven business rules developed using FlashBASIC® on the database server, while FlashCONNECT establishes the required links to the Web server.

FlashCONNECT conforms to HTML standards and works with any industry standard Web page development tool to create the graphical look and feel of the application. The use of templates allows you to separate the Web page look and feel from the database-driven data presented on the page. By using templates extensively within FlashCONNECT, you greatly enhance productivity and ease of installation.

The separation of user interface and business rules provide a convenient method for developing applications that may be easily modified or adapted to future environments. In addition, the componentization of the application provides for simpler and less expensive maintenance and customization.

Once complete, the application may be accessed from the Internet, intranet, or extranet by anyone using a standard browser. Security is always in place to prevent unauthorized use. Most companies understand the significant benefit of separating their public Web server from their private database server to provide security for their information. The resulting firewall is easily navigated with FlashCONNECT, thereby providing both flexibility and security for private client data.

## Specifically Designed for D<sup>3</sup> FlashBASIC Developers

FlashCONNECT allows FlashBASIC programmers to quickly enable programs to use HTML and HTML extensions using a simple Application Programming Interface (API) to port D<sup>3</sup>® application code and data to the Web. FlashCONNECT gives you:

- *Easy and Seamless Integration: The rich FlashCONNECT API facilitates easy integration of FlashBASIC applications with Web pages. Users can connect any mix of D<sup>3</sup> database servers to single or multiple Web servers.*
- *Leverage for Your Existing Knowledge Base: To use FlashCONNECT, the programmer needs to know FlashBASIC and some HTML. Conversely, the Web page designer needs to know Web page layout and no FlashBASIC. This feature not only allows programmers and designers to use their existing toolset, but also allows for independent development and maintenance.*
- *Persistence: A key feature is "persistence", a requirement of transaction-oriented systems, but one that is not inherent to the Web. FlashCONNECT provides record locks, variables, and common variables across multiple Web pages as a transaction progresses for persistent connections. Audit features include assignment of a "user id" that can be traced in the application, cookies, optional user authentication, and click-through recording.*
- *Dynamic and Static Web Pages: FlashCONNECT supports both state- and event-driven applications. Java applets, JavaScript, Active X and VB Script may be incorporated. In addition to support for dynamic pages, FlashCONNECT can generate part or all of a Web site as static pages based on database content.*

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# FlashCONNECT Features

## FlashCONNECT

### **EASY DEVELOPMENT AND MAINTENANCE:**

HTML and graphics are kept separate from the programs, facilitating ease of use by both graphic professionals and programmers. This separation allows for independent development and more importantly, independent maintenance. FlashCONNECT conforms to HTML standards, which allow an unlimited number of forms per page, extendable API's, etc. Extensive use of templates within FlashCONNECT greatly enhances productivity and ease of installation.

### **DYNAMIC ALLOCATION OF PROCESSES:**

Provides an efficient use of resources by monitoring the level of activity and available Web servers (many Web servers to many D<sup>3</sup> database servers) to provide a balanced load across the domain.

### **WEB BASED ADMINISTRATION:**

There is no need to log into D<sup>3</sup> to administer your FlashCONNECT server. Enhanced debugging options allow assigning names to debugging sessions without having to worry about which port the FlashCONNECT program will run on. Enhanced diagnostics trouble-shoot the status and the setup of FlashCONNECT and its corresponding web components.

### **CREDIT CARD INTERFACE:**

A Credit Card and Electronic Check API online payment allows creation of eCommerce sites without worrying about online payment validation.

## FIREWALL

### **USE BY ISP:**

Has been designed for easy implementation by an ISP.

### **USE BY NON- ISP:**

The easy implementation provided for the ISP also means it is easy to use for non-ISP use. FlashCONNECT can be placed on either side of a firewall or in non-firewall environments.

## JAVA SUPPORT (JAVA APPLET)

Java Servlets allow the Web page to communicate with the D<sup>3</sup> server without the need for reloading the page when data changes. This is especially useful for field validation. The Java Socket Server allows applications such as mvDesigner to communicate with the D<sup>3</sup> server without the need to go through a Web server.

## WEB SUPPORTED PRODUCTS

### **WEB SERVERS:**

Uses the popular interfaces to support most standard Web servers like IIS, Apache, Netscape, etc. This provides our customers the flexibility they need to choose the right direction or to change direction. By working with cutting edge Web servers, our customers take advantage of the latest developments provided by the Web server of their choice, such as virtual hosting and other Web server specific functionality.

### **OPERATING SYSTEMS:**

Runs on common Web server operating systems platforms such as Linux, SCO, Sun, NT, AIX, DG and UnixWare.

### **WEB INTERFACES:**

ISAPI, CGI, Java Servlet.

### **D<sup>3</sup> DATABASE SERVERS:**

Will run on all D<sup>3</sup> database products.

For more information on FlashCONNECT or any of Raining Data's family of products, please contact your authorized reseller, TRG at 714.708.8112 or visit TRG's Web site at [www.picktrg.com](http://www.picktrg.com).



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