



# Rocket® FlashConnect

For Rocket D3 and mvBase Database Management Systems

Full-featured Web-to-MultiValue connectivity for D3 or mvBase to read and write to Web pages natively and in real-time

Easily builds Pick/BASIC to Web Application programming interfaces

Works with any HTML generating Web page design program

Supports both static and event-driven applications

Uses templates for ease in setting and maintaining a consistent website look-and-feel

## Create a Graphical User Interface for your MultiValue Applications

### Your Path to the Web

Rocket® FlashConnect connectivity tool allows developers to take existing character-based applications to the Web. Once there, applications continue to execute feature-rich, time-proven business rules developed using Pick/BASIC on the database server, while FlashConnect establishes the required links to the Web server.

Our software conforms to HTML standards and works with any industry standard Web page development tool to create the graphical look-and-feel of the application. Rocket FlashConnect-enabled applications can use templates designed in any HTML page design program. Pick/BASIC programmers can quickly enable programs to use HTML and HTML extensions using a simple Application Programming Interface (API) to build a Web interface to Rocket® D3 or Rocket® mvBase application code.

Our FlashConnect API facilitates easy integration of Pick/BASIC applications with Web pages via a common gateway interface (CGI) or Internet Server

Application Program Interface (ISAPI), providing seamless integration across D3 and mvBase database servers. You can connect any mix of D3 database servers to single or multiple Web servers, which serve up database content in real time.

Once complete, the FlashConnect application may be accessed from the Internet, intranet, or extranet by 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.

### Persistence

FlashConnect supports “persistence”, a requirement of transaction-oriented systems, but one that is not inherent to the Web. Transactions across multiple Web pages are supported and maintained through the use of variables, common variables, and record locks.

### With FlashConnect you can:

- ❖ Work with any HTML-generating Web page design program
- ❖ Assign a unique user ID to each browser accessing the FlashConnect application
- ❖ Record click-throughs into a Rocket D3 or Rocket mvBase database
- ❖ Access the Web from your existing state-driven applications
- ❖ Easily set and retrieve cookies
- ❖ Place multiple Web forms on one Web page
- ❖ Track and report system activity levels
- ❖ Separate the Web page look-and-feel from the database-driven data on the page
- ❖ Optionally authenticate users – including Single Sign-On support using D3 Host Authentication
- ❖ Use built-in rotating banner support and logging to a Rocket D3 or Rocket mvBase database
- ❖ Organize users in groups for easy administration
- ❖ Leverage independent development between Pick/BASIC and HTML page layout

## Features

### Ease of Development & Maintenance

- ❖ Standards-Based:  
The FlashConnect enhanced user interface provides easier installation and maintenance. HTML and graphics are kept separate from the programs, facilitating ease of use by both graphics professionals and programmers. This separation allows for independent development and more importantly, independent maintenance. FlashConnect conforms to HTML standards that allow an unlimited number of forms per page, extendable APIs, etc. Extensive use of templates within FlashConnect greatly enhances productivity and ease of installation.
- ❖ Supports Both Event-Driven and Static Web Pages:  
Write 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 Website as static pages based on database content.
- ❖ Dynamic Allocation of Processes:  
FlashConnect provides for the efficient use of resources by monitoring the level of activity and available Web servers (many Web servers to many D3 or mvBase database servers) to provide a balanced load across the domain.
- ❖ Web-Based Administration:  
Logging in to D3 or mvBase to administer your FlashConnect server is not required. Enhanced debugging options allow assigning names to debugging sessions without being concerned about which port the FlashConnect program runs on. Enhanced diagnostics help troubleshoot the status and setup of FlashConnect and its corresponding Web components.
- ❖ Credit Card Interface:  
A Credit Card and Electronic Check API allows creation of eCommerce sites without worrying about online payment validation.

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## Firewall

- ❖ Use by ISP:  
FlashConnect has been designed for ease of implementation by an ISP.
- ❖ Use by NON-ISP:  
FlashConnect can be placed on either side of a firewall or in a non-firewall environment for ease of use for non-ISPs.

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## Java Support

- ❖ Java Servlets and Applets:  
Java servlets and applets allow the Web page to communicate with the D3 or mvBase server without the need for reloading the page when data changes. This is especially useful for field validation. The FlashConnect Socket Server allows applications such as mvDesigner to communicate with the D3 or mvBase server without the need to go through a Web server. Built-in Java API support provides access to FlashConnect business rules from Java.

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## Web Supported Products

- ❖ Web Servers:  
FlashConnect utilizes popular interfaces to support most standard Web servers like IIS, Apache, etc. This provides users the flexibility to choose the right direction or change direction. By working with cutting edge Web servers, FlashConnect users take advantage of the latest developments provided by the Web server of their choice, such as virtual hosting and other Web server specific functionality. Available for Web servers running on Sun, AIX, Red Hat Linux, and Microsoft Windows platforms.

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## Database Platforms

- ❖ D3 and mvBase Database Management Systems:  
FlashConnect runs on all D3 and mvBase database platforms. Rocket D3 runs on common operating system platforms including Red Hat Linux, Microsoft Windows, and IBM AIX. Rocket mvBase runs on the Microsoft Windows platform.

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## Web Interfaces

- ❖ Web APIs:  
FlashConnect supports Web APIs including ISAPI, CGI, and Java servlet.

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