



# WEBMETHODS MAINFRAME INTEGRATION SERVER

## Integrating webMethods Mainframe Integration Server and F5

### Executive Summary

With the complexity of today's enterprise network and the emergence of Web services, organizations are looking for solutions that will help integrate a wide variety of technologies. F5 Networks and webMethods® have created an integrated solution that delivers security, scalability, high availability, and intelligent performance for enterprise applications. Today, customers can achieve superior performance and high availability of their overall network infrastructure, including their Web Services, by deploying the combined webMethods and BIG-IP® product solutions.

### Challenges

By gathering information from various systems and presenting it in a coalesced format, organizations can gain greater control over processes like inventory management and sales orders. To ensure that this information is available in real-time and provided quickly, the system must be performing properly, and highly available. Because many organizations using webMethod's products are global, ensuring availability and performance worldwide is also a concern.

### Solution

webMethods has developed and tested iControl® integration between webMethods Mainframe Integration Server (MIS) and F5's BIG-IP solution to deliver maximum reliability, uptime, and performance improvements. The webMethods integration platform enables customers to link custom, packaged, and legacy applications across an enterprise into a seamless business process.

webMethods uses webMethods Developer to publish that business process through a Web service while F5's BIG-IP solution provides high availability and application traffic management that ensures users have quick, reliable access to these Web Services. In addition, F5's solution can handle SSL (Secure Sockets Layer) termination to further enhance performance and increase the customer's return on investment (ROI) when deploying the webMethods integration platform.

F5 Networks iControl®, an open SOAP/XML API and Web service interface, allows the webMethods integration platform to influence traffic management decisions. For example, iControl can be used to provide real-time feedback on the load balancing algorithm implemented by the BIG-IP product, which can influence the distribution of transactions across servers contained in a pool.

### About F5

F5 Networks is the global leader in Application Delivery Networking. F5 provides solutions that make applications secure, fast and available for everyone, helping organizations get the most out of their investment. By adding intelligence and manageability into the network to offload applications, F5 optimizes applications and allows them to work faster and consume fewer resources. F5's extensible architecture intelligently integrates application optimization, protects the application and the network, and delivers application reliability—all on one universal platform. Over 10,000 organizations and service providers worldwide trust F5 to keep their applications running. The company is headquartered in Seattle, Washington with offices worldwide. For more information, go to [www.f5.com](http://www.f5.com).

### About webMethods

As the leading independent provider of integration software, webMethods, Inc. delivers the industry's most comprehensive platform for enterprise-wide integration, including complete support for Enterprise Web Services. The webMethods integration platform allows customers to achieve quantifiable Return on Investment (ROI) by linking business processes, enterprise and legacy applications, databases, Web services and workflows both within and across enterprises.