



“BIG-IP WebAccelerator impressed us as a powerful way to improve website performance and bandwidth with very little effort.”

Patrick McFadin, Director of Systems and Architecture at Hobsons

Accelerate Web Applications, Improve User Experience, and Increase Revenue

Key benefits

- Dramatically improve user experience and increase revenue
- Deploy according to your business needs

- Reduce costs
- Optimize server and bandwidth usage

- Improve performance of mobile apps and websites
- Simplify deployment and management

Organizations depend on web applications to support business operations and drive revenue. All users of your web applications need fast access—whether they are employees or consumers, mobile or remote. Slow page loading times or unresponsive applications frustrate users. Employee productivity can plummet, and consumers researching or shopping online might abandon your website.

BIG-IP® WebAccelerator™ automates web performance optimization, to instantly improve performance for end users and help you reduce costs. By offloading your network and servers, BIG-IP WebAccelerator decreases your spending on additional bandwidth and hardware. Users get fast access to applications, and you gain greater revenue and free up IT resources for other strategic projects.

Dramatically improve user experience and increase revenue

With BIG-IP WebAccelerator, application performance can be improved from 2x to 10x. Shoppers are more likely to buy from responsive e-commerce sites, which can lead to increased revenue. And fast application performance means that workers can be more productive.

Deploy according to your business needs

A single BIG-IP WebAccelerator in the data center (asymmetric deployment) can achieve a performance improvement of 2x to 5x, for immediate ROI on a moderate investment. It can also dramatically reduce content delivery network (CDN) usage or replace the CDN entirely. When deployed at the data center and at one or more remote locations (symmetric deployment), BIG-IP WebAccelerator can improve performance up to 10x.

Reduce costs

BIG-IP WebAccelerator is an intelligent proxy that can significantly reduce the number of application servers required—saving both CapEx and OpEx. SSL offload can reduce server processor utilization by up to 50 percent. Compression offload and caching increases server capacity by an average of 20 percent.

Optimize server and bandwidth usage

BIG-IP WebAccelerator reduces infrastructure costs by extending server capacity and reducing bandwidth usage. Repetitive or duplicate data is not served to remote and mobile users, freeing up resources. BIG-IP WebAccelerator web performance optimizations, including image optimization, dynamic caching, dynamic compression, and Intelligent Browser Referencing™, are dramatically more intelligent and efficient than standard methods. In addition, support

for the new SPDY protocol will improve overall performance.

Accelerate mobile applications

Mobile access to web applications presents unique challenges due to device limitations and mobile network latencies. Optimization techniques such as reducing the size of images and content reordering ensure that the high expectations of mobile users are met.

Simplify deployment and management

BIG-IP WebAccelerator includes pre-defined and validated web acceleration policies for Microsoft SharePoint, SAP Portal, Oracle Portal, Oracle E-business Suite 11 and 12, and many more. Generic policies are also available for custom and less common applications that do not have pre-defined policies. BIG-IP WebAccelerator configurations and policies can also be managed and updated using F5 iApps™ templates.

BIG-IP WebAccelerator features

Improved performance

- Intelligent Browser Referencing
- Image optimization
- Content reordering
- Dynamic Linearization
- Dynamic caching
- Dynamic compression
- SSL acceleration
- SPDY gateway
- HTTP protocol optimizations
- Clustering for maximum scalability
- MultiConnect

Ease of use

- Validated, pre-configured acceleration policies
- Performance monitoring and reports
- iApps support
- Application Ready Solution guides

- Deployment guides
- F5 DevCentral™ user community

Reduce costs

- SSL Encryption Offloading
- Centralized SSL certificate management
- Compression offloading
- Caching offloading
- CDN offloading

Flexible deployment

- Asymmetric, symmetric, or combination
- Standalone appliance, virtual edition, or BIG-IP® add-on module
- Runs concurrently with BIG-IP® Application Security Manager™ on a single BIG-IP device
- IPv6 compliant
- E-commerce stand-in capability

Learn more

For more information about BIG-IP WebAccelerator, use the search function on f5.com to find these resources.

Datasheet

[BIG-IP WebAccelerator](#)

Blogs

[Improving App Performance](#)

[The HTTP 2.0 War Has Just Begun](#)

White papers

[Application Delivery Optimization](#)

[Identifying and Caching Dynamic Web Apps](#)

Technical brief

[Accelerating Mobile Access](#)

Case studies

[Customers Reap Cloud Advantages](#)

[Retailer Boosts Sales, Saves Millions](#)

[Consultant Avoids Costs, Improves Availability](#)

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