

BIG-IP Platform

A blend of software and hardware that's a load balancer *and* a full proxy. It gives you the ability to control the traffic that passes through your network.

You work in an application world.

Make it fast, available, and secure.

The BIG-IP platform is a smart evolution of Application Delivery Controller (ADC) technology. Solutions built on this platform are load balancers. And they're full proxies that give visibility into, and the power to control—inspect and encrypt or decrypt—all the traffic that passes through your network.

Here's how it works.

Software *and* hardware.

BIG-IP software runs on **BIG-IP or VIPRION hardware** or as a **virtual edition** on a client server. Hardware offers the greatest scalability, while virtual editions offer added deployment flexibility.

BIG-IP products provide application services ranging from access and acceleration to security to intelligent traffic management.

Watch the video

The BIG-IP platform runs the network. What runs the BIG-IP platform?

Underlying all BIG-IP hardware and software is F5's proprietary operating system, TMOS, which provides unified intelligence, flexibility, and programmability.

With its application control plane architecture, TMOS gives you control over the acceleration, security, and availability services your applications require.

TMOS establishes a virtual, unified pool of highly scalable, resilient, and reusable services that can dynamically adapt to the changing conditions in data centers and virtual and cloud infrastructures.

Take advantage of TMOS’s open API.

F5 products built on TMOS offer flexibility via an open API.

- Applications can cue TMOS-based devices to control traffic flow and maximize performance using the **iControl API**.
- You gain granular control over traffic going through F5 devices using **iRules**, F5’s scripting language.
- **iApps** templates let you deploy and manage network services for specific applications.

CUSTOMER STORY

Teck Resources Mining Company

“With F5, we have a solution that’s not only always on, but also very responsive for our users.”

Peter Hass
Manager of Client Core Applications, Teck Resources

[Read the customer story](#)

What does each BIG-IP product do?

The BIG-IP product suite is a system of application delivery services that work together on the BIG-IP platform.

SECURITY + TRAFFIC + PERFORMANCE

BIG-IP Local Traffic Manager (LTM)

Provides intelligent traffic management as well as advanced application security, acceleration, and optimization.

 [Learn More](#)

SECURITY + TRAFFIC + PERFORMANCE

BIG-IP DNS

Directs users to the best-performing data center to optimize app performance. Secures your infrastructure and keeps apps online during high query volumes and distributed denial-of-service (DDoS) attacks.

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SECURITY + TRAFFIC + PERFORMANCE

BIG-IP Access Policy Manager (APM)

Integrates and unifies secure user access to applications.

 [Learn More](#)

SECURITY + ACCESS

Secure Web Gateway Services

Paired with BIG-IP APM, lets you create and administer policies to manage web access, as well as spot and block web-borne threats.



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SECURITY + TRAFFIC + PERFORMANCE

BIG-IP Application Security Manager (ASM)

Gives you the flexibility to deploy web application firewall (WAF) services close to apps, so they're protected wherever they reside.



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SECURITY + TRAFFIC + PERFORMANCE

BIG-IP Advanced Firewall Manager (AFM)

Protects apps from even the most aggressive volumetric DDoS attacks.



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TRAFFIC + PERFORMANCE

BIG-IP Application Acceleration Manager (AAM)

Overcomes WAN latency, maximizes server capacity, and speeds application response times.



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TRAFFIC + PERFORMANCE

BIG-IP Link Controller

Manages links to distribute inbound and outbound traffic with greater efficiency and resiliency.



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Resources + Support

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BIG-IP Local Traffic



WHITE PAPER

Unified Application Delivery



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BIG-IP modules datasheet



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