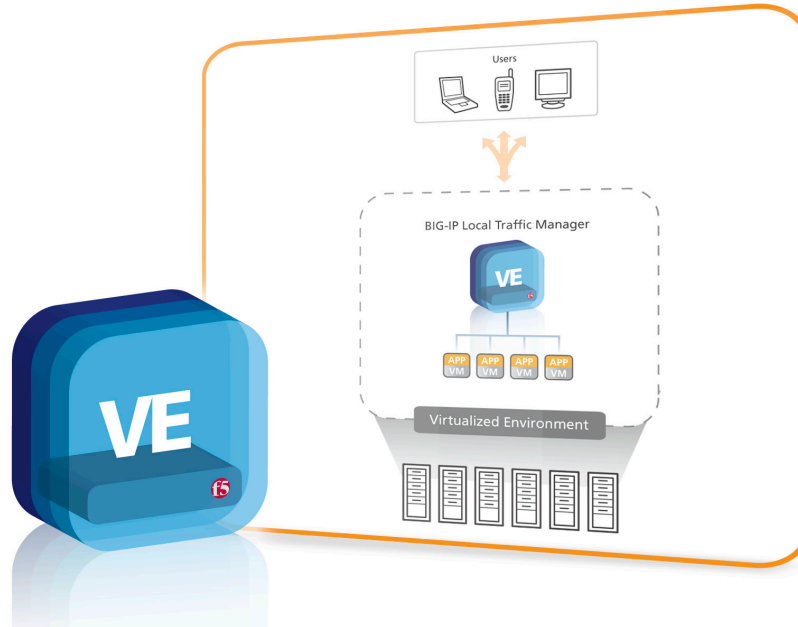


# BIG-IP Local Traffic Manager VE

## PRODUCT OVERVIEW



## Gain the Flexibility of a Virtual Application Delivery Network

### Key benefits

- Plan for growth and avoid downtime
- Gain ultimate flexibility using both virtual and physical appliances
- Secure your applications and data
- Reduce server load, bandwidth usage, and related costs
- Get full control of application traffic to handle changing business, infrastructure, and application demands

As server virtualization becomes more prevalent within data centers, you need to be able to apply the functionality of your physical Application Delivery Network in a virtualized environment. This frees you from prescriptive data center architectures and enables you to design an architecture based on the unique needs of your environment and applications.

BIG-IP® Local Traffic Manager™ (LTM) Virtual Edition (VE) takes your Application Delivery Network virtual. You get the agility you need to create a mobile, scalable, and adaptable infrastructure for virtualized applications. And like physical BIG-IP devices, BIG-IP LTM VE is a full proxy between users and application servers, providing a layer of abstraction that secures, optimizes, and load balances application traffic.

## Plan for growth and avoid downtime

With BIG-IP LTM VE, you get the industry's most advanced load balancing and application health monitoring capabilities. BIG-IP LTM VE enables you to seamlessly add virtual servers and redirect traffic away from issues with specific servers or network components. Industry-leading performance ensures your business has room to grow.

## Gain ultimate flexibility with both virtual and physical architecture

You can deploy both virtual and physical BIG-IP LTM components to create a fully flexible and adaptable Application Delivery Network. This hybrid approach ensures your architecture maintains high performance and scalability while providing the agility to meet the changing needs of your virtualized environment.

## Secure your applications and data

From powerful network-level and protocol-level security to selective data and cookie encryption, BIG-IP LTM VE deploys a suite of security services to protect the applications that run your business.

## Reduce servers, bandwidth, and management costs

Advanced TCP connection management, TCP optimization, and server offloading enable you to optimize the utilization of your existing infrastructure—tripling server capacity and reducing bandwidth costs by up to 80 percent. By using fewer servers, less bandwidth, less power, and less cooling, while reducing the time spent time managing your infrastructure, you can significantly reduce your operational costs.

## Take control over application delivery

The F5 TMOS® platform gives you complete control of the connection, packets, and payload for applications. Using F5's event-driven iRules®, you can customize how you intercept, inspect, transform, and direct inbound and outbound application traffic. The F5 iControl® API makes it easy to integrate with third-party management systems.

## BIG-IP LTM VE features

- Comprehensive load balancing
- TCP optimization
- HTTP server offload (request multiplexing)
- IPv6 Gateway™
- Application connection persistence
- Customized health monitoring
- In-band server health monitoring
- Advanced application switching
- Stateful failover
- Performance dashboard
- HTTP compression
- L7 QoS Rate Shaping™
- HTTP caching
- WAN Application Delivery Services
- iRules
- iControl
- Web-based management GUI
- Response error handling
- HTTP header sanitization
- DoS attack and SYN flood protection
- Basic firewall – packet filtering
- VMware Ready Certified

## Learn more about BIG-IP LTM VE

For more information about BIG-IP LTM VE, use the search function on [F5.com](http://F5.com) to find these resources.

### Datasheet

[BIG-IP Local Traffic Manager VE](#)

### White paper

[Creating a Hybrid ADN Architecture with both Virtual and Physical ADCs](#)

F5 Networks, Inc. 401 Elliott Avenue West, Seattle, WA 98119 888-882-4447 [www.f5.com](http://www.f5.com)

F5 Networks, Inc.  
Corporate Headquarters  
[info@f5.com](mailto:info@f5.com)

F5 Networks  
Asia-Pacific  
[apacinfo@f5.com](mailto:apacinfo@f5.com)

F5 Networks Ltd.  
Europe/Middle-East/Africa  
[emeainfo@f5.com](mailto:emeainfo@f5.com)

F5 Networks  
Japan K.K.  
[f5j-info@f5.com](mailto:f5j-info@f5.com)



IT agility. Your way.