



“The bottom line is that without BIG-IP APM, we simply could not adequately control student activity on our devices.”

Pat Karr, Director of Network Services,  
McAllen Independent School District

## Achieve Context-Aware, Unified Access Control with Unparalleled Scalability

### Key benefits

- Enable unified global access
- Consolidate your infrastructure and simplify access management and control
- Achieve dynamic, centralized, contextual access control
- Ensure superior access and security
- Obtain flexibility, superior performance, and scalability
- Gain URL filtering plus web access and malware protection

Today, business resources such as applications and data can and need to be accessible at any time, from anywhere, from virtually any device. Local and remote employees, partners, and customers often access applications without context or security. What is needed is a central policy control point that delivers access based on context and can efficiently manage a scalable, secure, and dynamic environment.

BIG-IP® Access Policy Manager® (APM) is a flexible, high-performance, centralized access management and security solution that delivers contextual, unified global access to your applications and network as well as to the Internet. It converges and consolidates remote, LAN, and web access and wireless access within a single management interface, while also enabling the quick creation of easy-to-manage, context-based access policies. As a result, BIG-IP APM helps you free up valuable IT resources, ensure the security of your applications and network, and scale quickly and cost-effectively.

## Provide unified global access

BIG-IP APM protects applications by providing policy-based, context-aware access to users while consolidating your access infrastructure. It also provides secure remote or mobile access via SSL VPN from virtually any network or device. The most scalable remote access solution available, BIG-IP APM is IPv6 ready.

## Consolidate and simplify

BIG-IP APM helps you consolidate your infrastructure and simplify access management by providing centralized authentication, authorization, and accounting (AAA) control.

BIG-IP APM integrates with Oracle Access Manager (OAM). It simplifies virtual application deployment by supporting Citrix XenApp and XenDesktop, VMware Horizon View, Microsoft Remote Desktop Protocol (RDP), and Java RDP, from a single webtop.

BIG-IP APM supports single sign-on (SSO) and Security Assertion Markup Language (SAML) 2.0 to extend seamless authentication to cloud-based applications and enable identity federation across BIG-IP platforms.

## Achieve dynamic, centralized, context-aware access control

BIG-IP APM provides context-aware access control based on user identity, device type and integrity, location, IP address, and other attributes. Administrators can create a single policy for all access methods or customize policies by access method, device, user group, or other criteria.

BIG-IP APM can examine the security posture of a device, including attributes such as MAC address, and if an endpoint fails inspection, an application tunnel can be provided to enable access to a particular application without opening a full network access tunnel.

## Secure web gateway

An add-on subscription option for BIG-IP APM, F5 Secure Web Gateway Services enables you to control user access to potentially dangerous websites and applications, ensures regulatory and corporate policy compliance, and secures against complex web threats, including advanced persistent threats (APTs). Secure Web Gateway Services delivers powerful, context-aware URL categorization and filtering and the ability to detect and block web malware and malicious scripts by integrating market-leading technology from Websense.

## Obtain flexibility, high performance, and scalability

BIG-IP APM offers SSL offload at network speeds and supports up to 3,000 logins per second. It scales quickly and cost-effectively up to 2 million sessions, depending on the deployment platform.

## BIG-IP APM features

### Access

- Granular access policy enforcement
- Portal, app tunnel, and network access
- IPv6 ready
- SSL VPN remote access
- Location awareness and auto-connect
- AAA server support and high availability
- Access management for Citrix remote desktops
- Native support for Microsoft and Java RDP clients
- Application portal access
- Integration with Oracle Access Manager
- Microsoft ActiveSync and Outlook Anywhere support
- Authentication methods: form, certificate, Kerberos SSO, SecurID, basic, RSA token, smart card, N-factor
- SSO support for credential caching and proxying

- Java patching (rewrite) for secure access
- SAML 2.0 support for federated SSO and delegated authentication
- Native support for PCoIP for VMware Horizon View integration

### Security

- SSL VPN encryption
- Split SSL within a secured connection
- Per-app VPN and application tunnels
- Dynamic webtops based on user identity
- URL categorization and filtering, plus web malware and malicious script detection with Secure Web Gateway Services
- Advanced Visual Policy Editor (VPE) with IP geolocation agent
- SSL offload
- Unparalleled scalability to millions of access connections
- Isolated resource allocation (vCMP®)
- iApps™ for pre-configured policies

## Learn more

For more information about BIG-IP APM, use the search function on [f5.com](http://f5.com) to find these resources.

### Datasheets

[BIG-IP Access Policy Manager](#)

[BIG-IP Edge Gateway](#)

[BIG-IP Add-On Modules](#)

### White papers

[Secure Mobile Access to Corporate Apps](#)

[Secure Access with the BIG-IP System](#)

[Improving VDI with Scalable Infrastructure](#)

### Case study

[Security Company Keeps Systems Protected and Available](#)

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