DATA SHEET

F5 Insight for ADSP

Key benefits

Maintain robust, near real-time visibility
F5 Insight provides comprehensive dashboards across applications, app delivery and security services, and supporting infrastructure. It refreshes and presents 400+ curated metrics, KPIs, and operational narratives, so different operational teams can quickly understand the health of applications, F5 systems, and BIG-IP services in one location.

Enact change with actionable alerts
F5 Insight alerts provide intelligent guidance that empowers teams to focus their efforts on the most critical incidents, address issues before they escalate, ensure uninterrupted application performance, and minimize downtime. F5 Insight alerts align with specific operational and business needs, ensuring that teams receive relevant data about performance bottlenecks, security vulnerabilities, and infrastructure health—driving faster mean-time-to-repair (MTTR), fostering better resourcing decisions, and enabling organizations to stay ahead of potential disruptions.

Unified observability and faster, safer fleet updates

Distributed applications, infrastructure, and operating environments make it difficult to maintain a clear, unified view of application health and security. With 86% of organizations running applications across on-premises, public cloud, and colocation environments, teams often work with fragmented telemetry, slower troubleshooting, and higher outage risk.[1] Meanwhile, downtime costs continue to rise and change windows keep shrinking.

Frontier AI is also accelerating vulnerability discovery and exploitation, tightening the time between “issue found” and “issue exploited.” The organization that can reliably update/patch at scale reduces real-world risk faster. The ability to repeatably apply governed fleet patching at enterprise scale is no longer “just ops hygiene.” It’s becoming standard operating procedure for security response.

F5® Insight for ADSP provides unified, near real-time observability for application environments powered by F5 BIG-IP—paired with AI-driven operational narratives that help teams translate telemetry into action. F5 Insight also enables team to quickly go from “see” to “respond” with fleet management workflows for TMOS and updates/patching—including high availability (HA) pairs—plus governance-grade controls to help teams move faster, safely, and accountably.

Features

F5 Insight is designed to simplify observability for your F5 estate from applications to infrastructure, so teams can keep apps healthy, available, and secure.

F5 Insight features include:

Expert dashboards for application delivery and security KPIs

- 400+ KPIs and metrics for analysis
- Top dashboards for CPU utilization, pool members, processes, and more
- Visibility into pool members, active connections, availability, and request rate
- Policy use metrics, firewall rule count, HTTP (2 and 3) responses, DNS responses, and more
- SSL connections, bytes in/out, cipher use, handshakes, records, and more

Key benefits

Turn telemetry into clear operational narratives

With MCP server support and your preferred compatible LLM, teams can query F5 Insight data in natural language and generate operational narratives that highlight key signals, anomalies, and next steps. Pre-built prompts from F5 experts accelerate time to value while custom prompts support deeper, environment-specific investigation and guidance. (Supported LLM integration required.)

Track your F5 ROI

Track your F5 investments, showcase the value they provide, and provide the operational data needed to make the business case for additional resources. With clear visibility into application performance, resource utilization, and security metrics, teams can correlate technical performance data with business intelligence and help the organization see the throughline between application health and the bottom line.

Execute safer, faster updates at fleet scale

Frontier AI is changing the operations landscape. AI-powered vulnerability identification and exploitation mean change windows are becoming smaller and more frequent. Insight unifies observability with fleet update workflows to reduce effort and risk. Teams can plan and run updates/patching across BIG-IP (TMOS) devices, including HA pairs, using guided steps, pre/post checks, optional pause points, and job-based execution—in sequence or in parallel across one or more jobs. This helps accelerate the path from "fix available" to "risk reduced in production" at enterprise scale.

Deep security telemetry and intelligence

- Attack signature count
- Bot events and incidents
- Brute force attacks
- DoS attack signatures and events
- WAF features enabled and API protections in place
- WAF and firewall policies applied, rule hits, and modifications

AI-powered operational narratives (MCP + LLM)

- Natural-language responses to democratize data across the team (requires integrating Insight with your preferred LLM)
- Action plans and operational to-dos using your data and F5 intelligence
- Pre-built and custom prompts for BIG-IP and security telemetry queries
- Operational intelligence that helps surface patterns and anomalies and prioritize operator attention

Report cards and fleet-level visibility

- At-a-glance health statuses across devices and services
- Fleet-level views to speed triage and reporting
- Rapid anomaly identification across the BIG-IP estate

Fleet update workflows for BIG-IP devices (HW or VE)

- Guided software lifecycle workflows for TMOS updates/patching
- Support for updates and patching for instances deployed in HA pairs
- Pre- and post-checks with optional pause points to support controlled change windows
- Job-based operations to run updates in batches (including parallelism where appropriate)
- Flexible deployment support across common BIG-IP and form factors and environments

Enterprise security and access enhancements

- Enterprise authentication options and RBAC foundations
- Immutable AI audit trail and short-term chat history for accountable AI-assisted operations

Key benefits

Meet enterprise governance needs
Observability is crucial to operations teams, but so are governance and auditability. F5 Insight enterprise security and access capabilities, including enterprise-grade authentication options (SAML SSO) and RBAC foundations—so every person has the right level of access to data. F5 Insight also offers an immutable audit trail for AI-assisted operations (with short-term chat history), supporting accountability and security review requirements.

SSL and device certificate visibility

- Alert workflows for certificates about to expire
- Visibility into which certificates are applied to which devices
- Certificate expiration dates and expiration windows (30/90/180 days)

Comprehensive visibility for BIG-IP modules

- BIG-IP Local Traffic Manager (LTM)
- BIG-IP DNS
- BIG-IP Advanced Firewall Manager (AFM)
- BIG-IP Advanced WAF (AWAF)
- BIG-IP Zero Trust Access (ZTA)
- BIG-IP CGNAT

Near real-time telemetry collection and presentation

- Scalable visibility for hundreds of BIG-IP instances across hybrid and multicloud environments
- Customizable data collection and dashboard refresh intervals
- Up-to-date intelligence to reduce MTTI/MTTR

Backup and restore for F5 Insight

- Create backups from within the F5 Insight UI
- Back up Insight configuration, dashboards, and stored telemetry data
- Restore to a prior backup to support full-system rollback after an error or outage

Minimum requirements to run F5 Insight

1. Recommended to run on a Linux VM with:

- 12 vCPUs
- 16GB of RAM
- 500GB of storage for F5 Insight
- 100GB for operating system
- 50GB for updates/patches and backups

2. Access to one or more F5 systems and BIG-IP software or Virtual Edition (VE)

3. For AI-generated intelligence:

- Access to your LLM of choice (such as Anthropic, OpenAI, or on-premises LLMs)
- Integration with F5 AI Data Fabric (limited availability)

More information

Learn more about F5 Insight and how it can help improve visibility and accelerate safer updates across your BIG-IP estate: https://www.f5.com/products/f5-insight

Free trial

Get started with F5 Insight in your environment.

Interactive demo

See F5 Insight in action.

Documentation

Explore F5 Insight in depth.

Web page

Dig into BIG-IP.

Sources

1. F5, 2026 State of Application Strategy Report, May 2026