



DATA SHEET

BIGFIX CORE SERVICES PLATFORM

KEY FEATURES AND FUNCTIONS

One Platform to Rule Them All

BigFix Core Services instruments a lightweight and dynamic policy-driven messaging and management backplane that distributes the work of service delivery to managed devices themselves, setting the stage for a revolution in enterprise IT security and system management. This massively scalable parallel processing infrastructure consolidates and simplifies enterprise-scale distributed system management and reporting, yielding unprecedented speed, accuracy, and completeness for every mission it supports.

RADICAL SIMPLICITY. REVOLUTIONARY RESULTS. CONSOLIDATE IT INFRASTRUCTURE MANAGEMENT WHILE DEMOLISHING TIME, SPACE, COMPLEXITY, AND EXPENSE

FEATURES

- Service delivery platform for BigFix-based security and systems management solutions
- One Agent, multiple and expanding roster of management services
- Unique distributed client (self-) management model
- Built-in fault tolerance and secure management communications mechanisms
- Unobtrusive, minimal demand on managed system memory and processor resources
- Scalable from 1,000 to 100,000+ endpoint infrastructures
- Extensible, scriptable BigFix Fixlet Relevance language
- BigFix Agent ported to Windows, Unix, Linux, Mac OS operating systems
- Lightweight, secure, fault-tolerant reporting and management communications
- Field proven at over 700 enterprise customers managing 7,300,000 endpoints

BigFix Agent

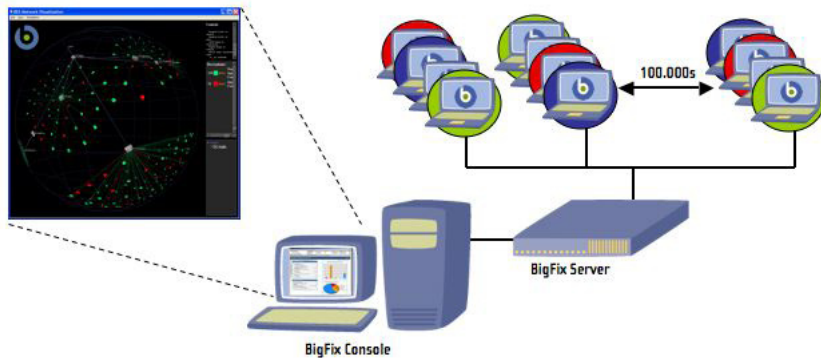
The BigFix Agent is the beating heart of the BigFix Core Services platform. As installed on BigFix-managed clients, the Agent acts as a programmable universal policy machine that supports a rapidly expanding array of management and reporting services. The single agent/multiple services nature of the BigFix Core Services Platform reduces tool clutter at the endpoint, and consolidates management processes performed by IT staff. High first-pass success rates (97+ percent in recent studies) condense actions that once took weeks and months to days and hours while reducing second-pass diagnostic and help desk trouble ticket work.

- Lightweight, low impact—requires two megabytes of system memory and can be throttled to one percent of processor bandwidth
- Ideal for infrastructures from 1,000 to 100,000s of endpoints, with several 100,000+ endpoint solutions currently in production at commercial and public sector customers
- Real-time managed client configuration and status change reporting for outstanding visibility while minimizing network bandwidth demands
- Policies remain in force even when a (laptop/notebook) client logs off from the enterprise network
- Support for on-the-fly queries and management actions as written in the BigFix Fixlet™ message Relevance Language
- Deployable over all networks, from vintage 9600 Baud modems to the latest high-speed fiberoptic WANs
- Ported to Microsoft Windows 95 and later versions, Unix, Linux, Mac OS for consolidated management of heterogeneous infrastructures

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BigFix Server

The BigFix Server is a software package that supports user interface, reporting/analysis, and policy content management services. BigFix Server software runs on low-cost x86 hardware, minimizing need to invest in dedicated management hardware. A current generation \$5,000-class server computer can support BigFix management of more than 50,000 endpoints.



- Graphical user interface enabling efficient management of assets ranging from individual machines to global enterprise networks
- Built-in reporting and analysis tools
- Ability to set configuration standards and baselines from defined groups of managed clients
- Flexible delegation of control features to allocate management responsibilities to groups and departments within an organization
- SQL data output for interface with database applications and systems
- Supports published, easy to learn BigFix Fixlet Relevance language for fast generation of on-the-fly and custom queries and management actions

The BigFix Core Services Platform enables real-time visibility and control of networked IT infrastructures from 1,000 to hundreds-of-thousands of endpoints.

BigFix Policy Message (Fixlet Message)

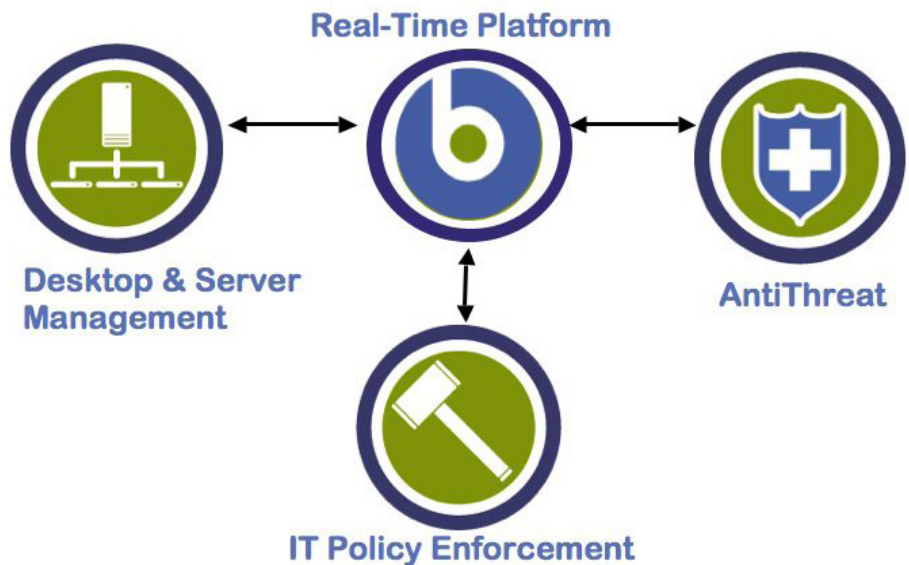
BigFix Policy Messages, also known as Fixlet messages, communicate policy information between BigFix Agents and BigFix Server environments. BigFix Policy Messages can contain logical criteria to trigger specific actions according to a BigFix-managed clients configuration or status—for example “if vulnerability X exists on this client, update software module Y with the appropriate package.” Most BigFix endpoint-based management and reporting services consist of collections of BigFix Policy Messages focused on a particular task area—software distribution, security policy enforcement, NAC support, antivirus client management, etc.

- Lightweight messaging technology for communicating instructions and content to and from BigFix-managed endpoints
- Programmable and extensible through the BigFix Fixlet Relevance language
- Interchangeable intellectual property that can be exchanged among BigFix customers, partners, and third parties
- Encryption and authentication features to support high-integrity communications and management
- BigFix Fixlet Relevance language training course available through BigFix Professional Services

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BENEFITS

- Collapse management actions from weeks and months to hours and days
- Reduce tool clutter and licensing costs through service consolidation
- Reduced staff labor costs through higher first-pass success rates
- Complete, real-time visibility into managed endpoint state and configuration
- Minimal dedicated management infrastructure requirements--\$5,000 server can manage 50,000+ endpoints
- Deepen staff expertise and knowledge through focus on a single management metaphor
- Transparently manage mobile laptop/notebook computers on par with desktop systems



The BigFix Core Services Platform provides the foundation for BigFix Desktop and Server Management, IT Policy Enforcement, and AntiThreat anti-malware solution packs.

BigFix Relay

BigFix Relays act as downstream concentration points and staging areas for BigFix Policy Messages and remediation content. Relays help reduce network bandwidth requirements and provide an added degree of fault-tolerance to BigFix-based management systems. Almost any Microsoft Windows-based computer can host BigFix Relay software. Since BigFix Relays execute as shared services on Windows-based machines, end users are usually not aware that their “day job” computer is also acting as a BigFix Relay.

- Root-and-branch Relay structures lower network bandwidth requirements by pushing BigFix management policy content to designated staging areas
- BigFix Agents can be instructed to look to specific BigFix Relays for reporting and management content or seek alternative Relays in the case of service outages
- Relays located in web services DMZs can serve mobile devices connecting to BigFix management resources via the Internet or other wide area communications methods
- Options to start-stop-restart downloads of large management content files (software applications, for example) to overcome network quality-of-service limitations

Platform Availability

Available for desktop, server and mobile computers running Microsoft Windows 95 and later versions, Linux*, UNIX*, and Mac OS.



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BIGFIX CORE SERVICES PLATFORM

BigFix: Breakthrough Technology, Revolutionary Economics

BigFix, Inc. offers the IT industry's only intelligent IT policy enforcement engine that enables real-time visibility and control of globally distributed desktop, mobile and server computer infrastructures. Built on a revolutionary technology platform, BigFix continually assesses and manages the health and security of enterprise computing devices at the velocity of change. Without requiring massive investment in dedicated management resources, BigFix automates enterprise-scale malware defense, IT security policy compliance, and desktop and server management.

BigFix delivers outstanding return-on-investment through slashing IT infrastructure costs of ownership and management complexity while enabling IT organizations to elevate security configuration management from chronic pain point to positive business value resource.

* Platform availability status for various versions of Linux and Unix operating systems available on request.

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