

BigFix Endpoint Management

FIND more. FIX more. DO more.



Overview

IT security and operations are faced with the monumental task of staying one step ahead of the ever-evolving threat landscape. When a threat becomes evident, teams must prioritize and roll out preventative and remediation tasks at scale across a diverse endpoint estate while quickly reporting their threat posture to executives. Admins must be able to see AND control all endpoints, whether they are located on-premises or in the cloud, regardless of location, connection type or status.

With HCL BigFix®, IT security and operations can collaborate more effectively to reduce risk while cutting operational costs, compress endpoint management cycles, continuously enforce compliance in real-time, improve productivity, and improve the organization's security posture.

BigFix offerings and capabilities



BigFix Lifecycle - Enables IT security and operations to quickly discover, secure, and manage hundreds of thousands of endpoints using a single platform. It provides an automated, simplified patch process that achieves greater than 98% first-pass patch success rates across Windows, UNIX, Linux, macOS platforms - regardless of location or connection. BigFix Lifecycle also includes OS provisioning, software deployment, remote control, server automation, power management, BigFix Modern Client Management, BigFix Insights, and BigFix Insights for Vulnerability Management.



BigFix Compliance - Continuously enforces endpoint configuration compliance with thousands of out-of-the-box security checks aligned with industry-standard security benchmarks published by CIS, DISA STIG, USGCB and PCI-DSS. BigFix Compliance provides an automated, simplified patch process that achieves greater than 98% first-pass patch success rates across Windows, UNIX, Linux, macOS - regardless of location or connection. BigFix Compliance also includes BigFix Modern Client Management, BigFix Insights and BigFix Insights for Vulnerability Remediation.



BigFix Insights - Enables teams to quickly report their organization's threat posture to executives and perform advanced analysis to drive next steps. This innovative offering provides a powerful endpoint integration platform and database for deeper data insights across traditional on-premise, cloud, and MDM API managed endpoints. BigFix Insights leverages Business Intelligence (BI) reporting tools to provide out-of-the-box and customizable reports.



BigFix Inventory - Dramatically reduces the time required to conduct a comprehensive software asset inventory for license reconciliation or compliance purposes. It provides valuable information about what software is deployed on endpoints, along with how that software is being used. BigFix Inventory reduces annual software spend, mitigates license non-compliance fines, and helps identify unauthorized or risky software for possible removal.



BigFix Modern Client Management - Enables organizations to have complete visibility and control of Windows 10 and macOS endpoints using either a traditional BigFix agent or Mobile Device Management (MDM) APIs. Leveraging both approaches provide IT teams with the greatest range of management and automation capabilities. Zero touch provisioning speeds and simplifies the deployment of new laptops to remote users. With BigFix Modern Client Management, organizations can more easily manage newer enterprise platforms in a cost-effective way.



BigFix Insights for Vulnerability Remediation - Dramatically compresses the time from vulnerability detection to remediation via direct integration with leading third-party vulnerability management solutions. With BigFix Insights for Vulnerability Remediation supporting Tenable and Qualys, organizations can also reduce errors caused by current spreadsheet-based, manual processes as well as reduce security risk by shrinking the attack surface.

Why BigFix?

BigFix is built on a unique, highly scalable infrastructure that provides intelligent automation and performance benefits across the entire BigFix family of solutions while significantly lowering cost of endpoint management and reducing infrastructure complexity.

BigFix features:



A single intelligent agent - The BigFix agent performs multiple functions, including continuous self-assessment and policy enforcement. It initiates actions in an intelligent manner, sending messages upstream to the central management server and pulling patches, configurations, or other information, to the endpoint in real-time. The BigFix agent self-throttles to 2% CPU, performs dynamic bandwidth throttling to address varying degrees of network bandwidth at remote locations and runs on more than 90 operating systems across Windows, Linux, UNIX, and macOS.



BigFix Fixlets™ - BigFix Fixlets are small units of automation that allow IT operations to simplify their daily operations and focus on more complex operations. BigFix provides more than 500,000 out-of-the-box Fixlets. The BigFix team is continuously updating the Fixlet library, with over 130 content updates per month. BigFix users, business partners, and developers can leverage Fixlets to create custom policies and services for endpoints managed by BigFix. A community library of Fixlets is available on BigFix.me.



Highly scalable architecture - A single BigFix management server can manage up to 250,000 physical and virtual computers over private or public networks, and most implementations require only 1-2 staff per management server. Managed endpoints may include servers, desktops, roaming laptops, endpoints in the cloud, and specialized devices such as point-of-sale (POS) devices, Automatic Teller Machines (ATMs), and self-service kiosks.



Multicloud support - Cloud endpoints can be easily discovered and viewed alongside traditional endpoints using BigFix. Multicloud support allows organizations to deploy the BigFix agent on cloud endpoints for complete visibility, control, and security. It allows organizations to seamlessly manage endpoints running in multiple cloud environments simultaneously – such as Amazon Web Services, Microsoft Azure, and Google Cloud Platform – alongside other endpoints managed by BigFix.



Integration options - BigFix integrates with solutions from major Security and IT Operations technology partners to create a broad enterprise ecosystem. BigFix, alongside its ecosystem partners, delivers a rich set of capabilities to analyze, optimize, gain context and take decisive action across all of your IT operations to increase compliance and reduce cyber risk. Our partners include ServiceNow, IBM, Tenable, Aruba, Intel, Forescout and others.

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For more information

To learn more about BigFix, contact your HCL Software representative, HCL Business Partner, or visit www.BigFix.com.

About HCL Software

HCL Software is a division of HCL Technologies (HCL) that operates its primary software business. It develops, markets, sells, and supports over 20 product families in the areas of DevOps, Automation, Digital Solutions, Data Management, and Mainframes. HCL Software has offices and labs around the world to serve thousands of customers. Its mission is to drive ultimate customer success with their IT investments through relentless innovation of its products. For more information, please visit www.hclsoftware.com.

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