

HCL BigFix Lifecycle

Reduce cost, risk and complexity of managing endpoints using a single agent

HCL BigFix

The convergence of IT functions that has occurred in recent years—operations groups, for example, taking ever-greater responsibility for security—requires a corresponding convergence of management tools. Without unified, simplified and streamlined capabilities, management tasks in the distributed enterprise run the risk of becoming overwhelming in size and complexity.

BigFix Lifecycle delivers the comprehensive and powerful approach that IT management needs today. Its' single intelligent agent technology provides real-time visibility into the state of endpoints and gives administrators advanced functionality for managing endpoints (laptops, desktops, servers). Now, administrators have a single tool for discovering, managing and securing ALL endpoints!

BigFix Lifecycle provides an accurate and comprehensive "single source of truth" for managing hundreds to hundreds of thousands of endpoints from a single server. Deployed in as little as a few hours, this industry-leading solution can shorten update cycles, speed endpoint provisioning, improve patch success rates, enhance IT and help-desk productivity, help mitigate cybersecurity risk, and boost end-user productivity.

Highlights

- Continuously enforce • Manage hundreds of thousands of endpoints regardless of location, connection type or status
- Combine device discovery, multiplatform patch management, vulnerability management, operating system deployment, software distribution, remote control, server automation, power management, modern client management, and advanced analytics and reporting in a single comprehensive lifecycle management solution.
- Delivers curated and tested Fixlets® for nearly 100 different operating systems, third-party application, databases and middleware, eliminating development and testing of patch content.
- Speeds vulnerability remediation using BigFix CyberFOCUS Security Analytics, a set of security capability designed to help IT Operations collaborate with Security Operations to PRESCRIBE the most effective remediation strategies, PROTECT against exploits, and PROVE better cyber security outcomes in real time.



Key Benefits

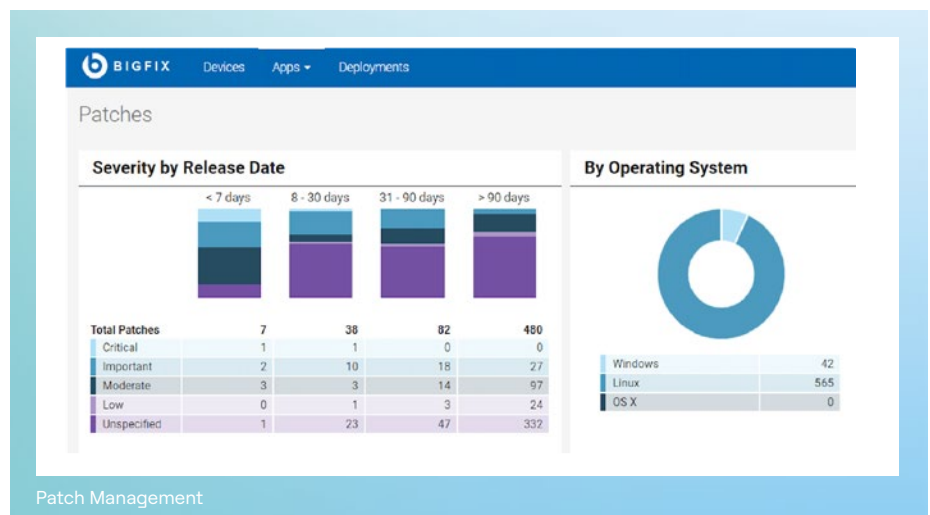
Operating System Deployment

Centralized control and automation simplify bare-metal deployment of Windows and Linux images to new workstations, as well as migrating or refreshing operating systems on existing endpoints. BigFix Operating System Deployment reduces management costs, minimizes impact on end users, ensures compliance with organizational OS standards and reduces risks associated with non-compliant or insecure configurations. New imaging with advanced driver capabilities means less guesswork for the user. We assure agent history is maintained across clones and migration. BigFix ensures no loss of management, as agent history is maintained across OS migrations and specialized registration mechanisms automatically reassign unique identities to duplicate agents resulting from image clones. After OS deployment on the new system is complete, the BigFix agent will install required software, configuration policies and apply critical patches.

Patch Management

Patch management includes comprehensive capabilities for delivering patches for Windows, UNIX, Linux and, macOS and for third-party applications, including Adobe, Mozilla, Apple, and Java, to distributed endpoints—regardless of their location, connection type or status.

BigFix is effective even over low-bandwidth and globally distributed networks. Real-time reporting provides detailed information on which patches were deployed, when they were deployed, who deployed them, and confirmation that patches were correctly applied, for a complete closed-loop patching solution. BigFix can significantly reduce patch cycles from days and weeks to hours or minutes while achieving greater than 98% first-pass patch success rates.



CyberFOCUS Security Analytics

BigFix CyberFOCUS Security Analytics helps organizations discover, prioritize, and patch critical vulnerabilities and reduce cybersecurity risk in real-time, across your global desktop, mobile, data center, cloud, and IoT landscape. It includes for major tools:

- Advanced Persistent Threat (APT) Simulator – displays vulnerabilities in the environment grouped by today's more critical APT families and simulates the impact on your attack surface while minimize downtime time caused by patching actions.
- CISA Known Exploited Vulnerability Exposure Analyzer – maps your vulnerabilities to the constantly updated CISA Known Exploited Vulnerabilities the most critical threats in the world.
- Insights for Vulnerability Remediation – integrates Tenable and Qualys with BigFix to compress the time from vulnerability discovery to remediation
- Protection Level Agreements- (PLAs) which unifies business decision making with cybersecurity needs.

Remediation of vulnerability used to take days or weeks for IT Operations to remediate vulnerabilities after a vulnerability assessment. With CyberFOCUS Security Analytics, critical vulnerability can be remediated within minutes.

Server Automation

Server automation helps manage physical, virtual and remote servers while lowering operational costs with real-time, policy-based management.

Seamless physical and virtual server management from the same, single interface greatly improves visibility and control of all assets. BigFix Lifecycle enables users to easily deploy and manage servers across heterogeneous platforms using either prebuilt or custom automation. The automated task sequencing capability can be used for critical tasks like server builds (for example, deploying operating systems, configuring settings, deploying software, changing the host name and restarting computer) or for other common system administrator tasks that require sequencing.

Software Distribution

For organizations that face distribution challenges brought on by high-latency and low-bandwidth networks, poor visibility into distributed assets and the need to support roaming endpoints, BigFix Lifecycle provides policy-based installation, closed-loop verification and the ability to manage software distribution across platforms from a single, unified point of control. Software Distribution delivers high first-pass success rates with minimal impact on network performance. Existing software repositories are migrated easily through automated content creation capabilities while specialized plug-in tools inspect packages for intelligent targeting and deployment of software. A self-service portal enable users to install software at their leisure which improves staff productivity and lowers the impact on users.

Remote Desktop Control

BigFix Remote Desktop Control provides support and control for desktops, laptops and servers running Windows, Linux and macOS, whether they are on or off of the network. It enables management and troubleshooting of systems that can streamline IT functions and reduce the workload on an organization's help desk, even across Internet-brokered connections. Remote diagnostics capabilities, a chat function and file transfer capability provide powerful tools to administrators and help desk staff resolving server and workstations issues.

Multicloud Support

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

Modern Client Management

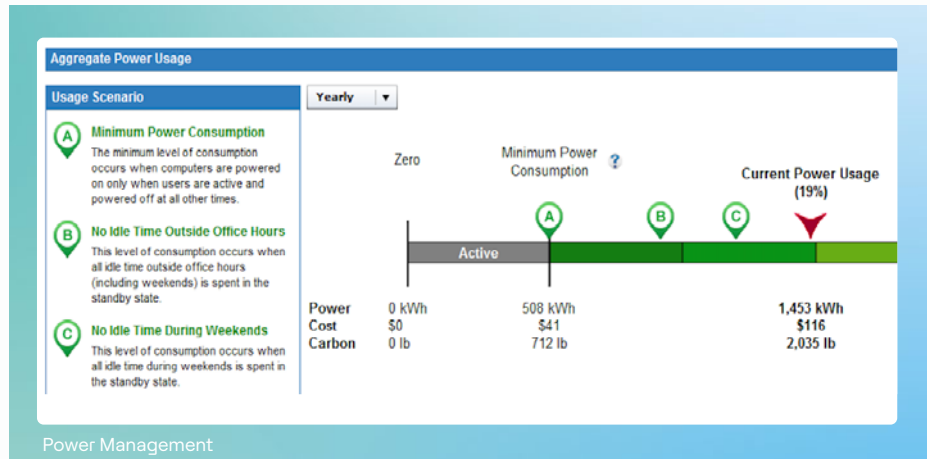
BigFix Modern Client Management allows organizations the ability to manage both modern and legacy endpoints side-by-side using a single, enterprise endpoint management solution. Both operating systems are capable of being managed using either a traditional agent or Mobile Device Management (MDM) APIs. Leveraging both approaches together provides the greatest range of management and automation capabilities.

Analytics and Reporting Platform

Organizations need to quickly report their organization's threat posture to executives and perform advanced analysis to drive next steps. BigFix Insights, included with BigFix Lifecycle, provides a powerful endpoint data and integration platform and database for deeper data insights across all endpoints. BigFix Insights leverages Business Intelligence (BI) reporting tools to provide out-of-the-box and customizable reports.

Power Management

Power management helps organizations achieve cost savings by reducing electricity usage while avoiding disruptions in systems management. The capability enables IT organizations to apply conservation policies across the organization while providing the granularity to apply power management policies to a single computer or group of computers. This feature supports organizational green initiatives with capability to manage power options with minimal impact on already-stretched budgets and staff.



With real-time tracking, system administrators know exactly how much time an endpoint spends in idle, active, standby or off states resulting in an accurate view of current power usage and cost. Data can also be exported further analysis. Wake-On LAN capability, also provided by BigFix power management, helps deliver high first pass patch success rates by being able to wake systems that are powered off.

Device Discovery

Device discovery is no longer a "bean counting" snapshot exercise. BigFix Lifecycle creates dynamic situational awareness about changing conditions in the infrastructure. Running scans on the whole network allow you to quickly identify all IP devices with minimal network impact. Device discovery helps maintain visibility into all enterprise endpoints, including laptop and notebook computers that are roaming beyond the enterprise network.

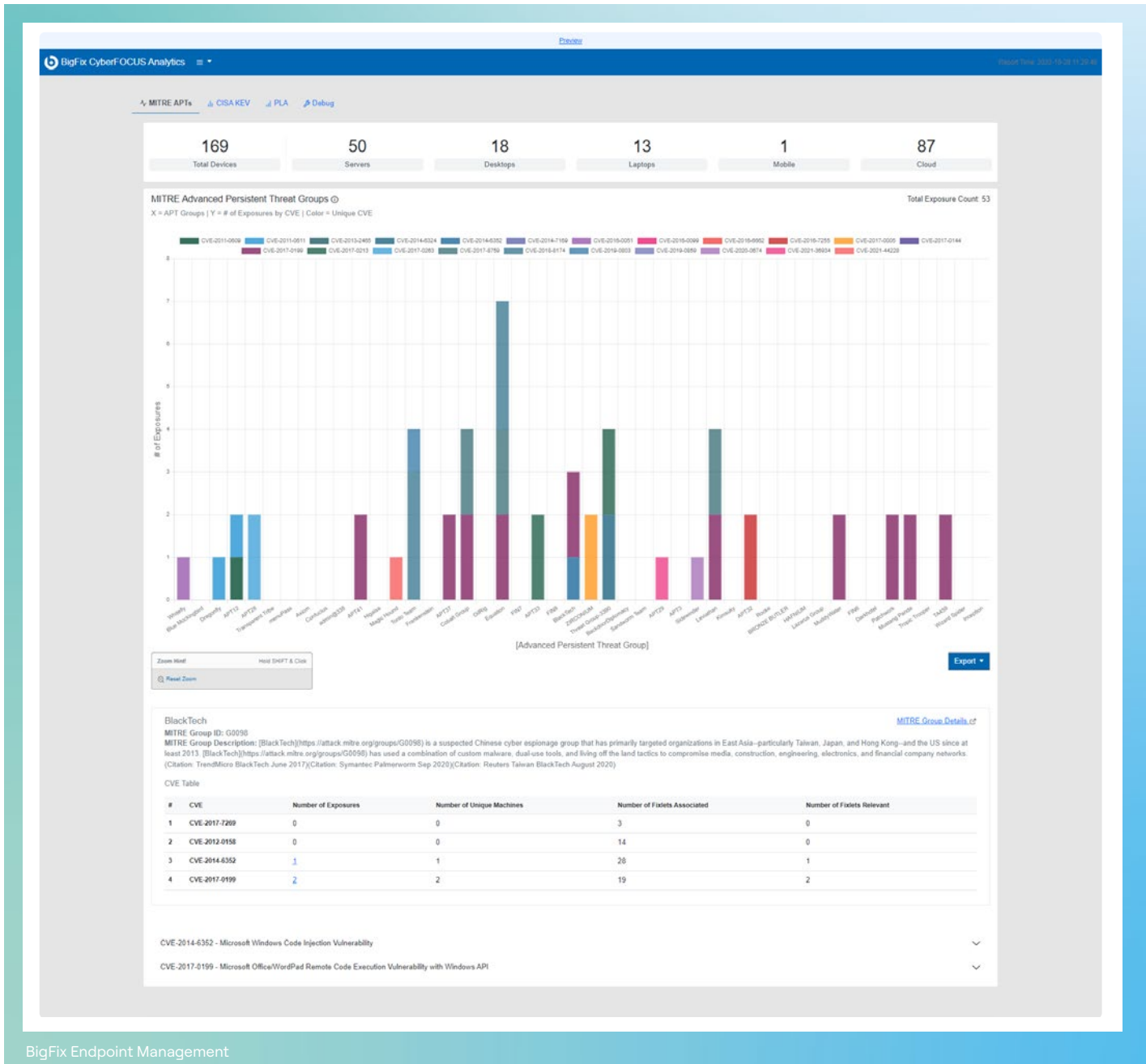
Fast Endpoint Query

BigFix Query provides real-time status of all your endpoints, enabling accurate identification and inspection of vulnerable devices. You can interrogate endpoints and get precise answers back in seconds, telling you which policies are enforced and which applications and services are installed. You can even examine files

and system configuration settings to help you identify additional security threats. Users can access a library of predefined queries or quickly and easily create their own custom queries. BigFix Query also verifies the remediation of endpoints, helping to bridge the gap between security and IT operations to choose the right technology for their environment.

Multiple Deployment Options

BigFix Lifecycle can be deployed on-premise, in your organization's cloud, or on the HCL Cloud. There are two options for utilizing the HCL Cloud, BigFix Lifecycle on Cloud and BigFix One on Cloud. BigFix One on Cloud is the comprehensive endpoint management solution which delivers all the capabilities of BigFix Lifecycle, BigFix Compliance, and BigFix Inventory in a single cloud solution.



Learn More

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About HCLSoftware

HCLSoftware is a global leader in software innovation and the software division of HCLTech. We develop, market, sell, and support transformative solutions across business and industry, intelligent operations, total experience, data and analytics, and cybersecurity. We deliver best-in-class software products that empower organizations to achieve their goals. HCLSoftware serves more than 20,000 organizations, including a majority of the Fortune 100 and almost half of the Fortune 500.

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