HCLSoftware

HCL BigFix Lifecycle

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

HCL BigFix

BigFix® Lifecycle delivers the most comprehensive solution for managing all your IT assets with the broadest support for operating systems and devices, powered by largest library of IT automation, combined with the most innovative vulnerability remediation risk reduction technologies on the market.

BigFix Lifecycle provides an accurate and comprehensive "single source of truth" for managing hundreds to hundreds of thousands of endpoints from a single server, regardless of OS or device type, location, or connectivity. With the industry's broadest support of over 100 OS variants and support for desktops/laptops/mobile/server/VMs/IoT devices, this solution dramatically reduces your workload by giving you a central nexus point for finding, analyzing, and controlling your computing ecosystem.

BigFix Lifecycle is powered by CyberFOCUS, the first vulnerability remediation solution that helps Security and IT Ops identify which CVEs you should remediate first, based on least disruptive, most effective patch strategies. CyberFOCUS is the only solution that provides automated executive reports that prove reduced cyber risk.

Deployed in as little as a few hours, this industry-leading solution can shorten update cycles, speed endpoint provisioning, automate vulnerability remediation and prove reduced cyber risk, enhance IT and help-desk productivity, and boost end-user productivity. All in one solution, BigFix Lifecycle.

Highlights

- Continuously enforces and manages hundreds of thousands of endpoints with the broadest support for operating systems and device types spanning laptops, desktops, servers, VMs, mobile and IoT devices regardless of location, connection type or status.
- Provides sccess to the market's largest library of 'out of the box' IT automations.
- Delivers CyberFOCUS Security Analytics, the first vulnerability remediation solution that enables Security and IT Ops collaborate to *prioritize* CVE exposures without scanning, *prescribe* the most effective patching strategies, and *prove* reduced cyber risk to the C-Suite based on Threat Intelligence.
- Combines 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.

Key Features

Device discovery

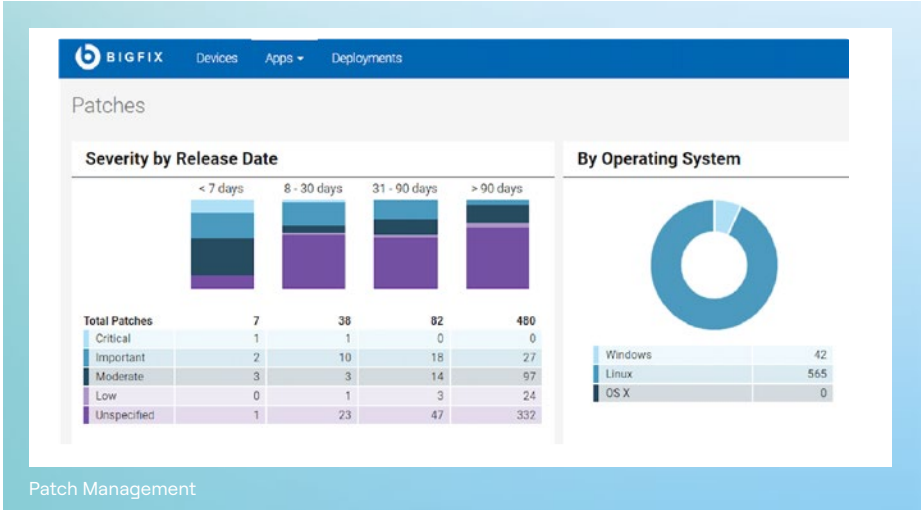
Device discovery is no longer a "bean counting" snapshot exercise. BigFix Lifecycle creates dynamic situational awareness about changing conditions in the infrastructure. Running scans on the whole network allow you to quickly identify all IP devices with minimal network impact. Device discovery helps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

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. The self-service portal enable users to install software which improves staff productivity and improves user satisfaction.

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



Patch Management

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.

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 workstation issues.

Patch management

Patch management includes comprehensive capabilities for delivering patches for Windows, UNIX, Linux and, macOS and third-party applications, including Adobe, Mozilla, Apple, and Java, to distributed endpoints.

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.

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 pre-built 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.

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.

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.

CyberFOCUS Security Analytics

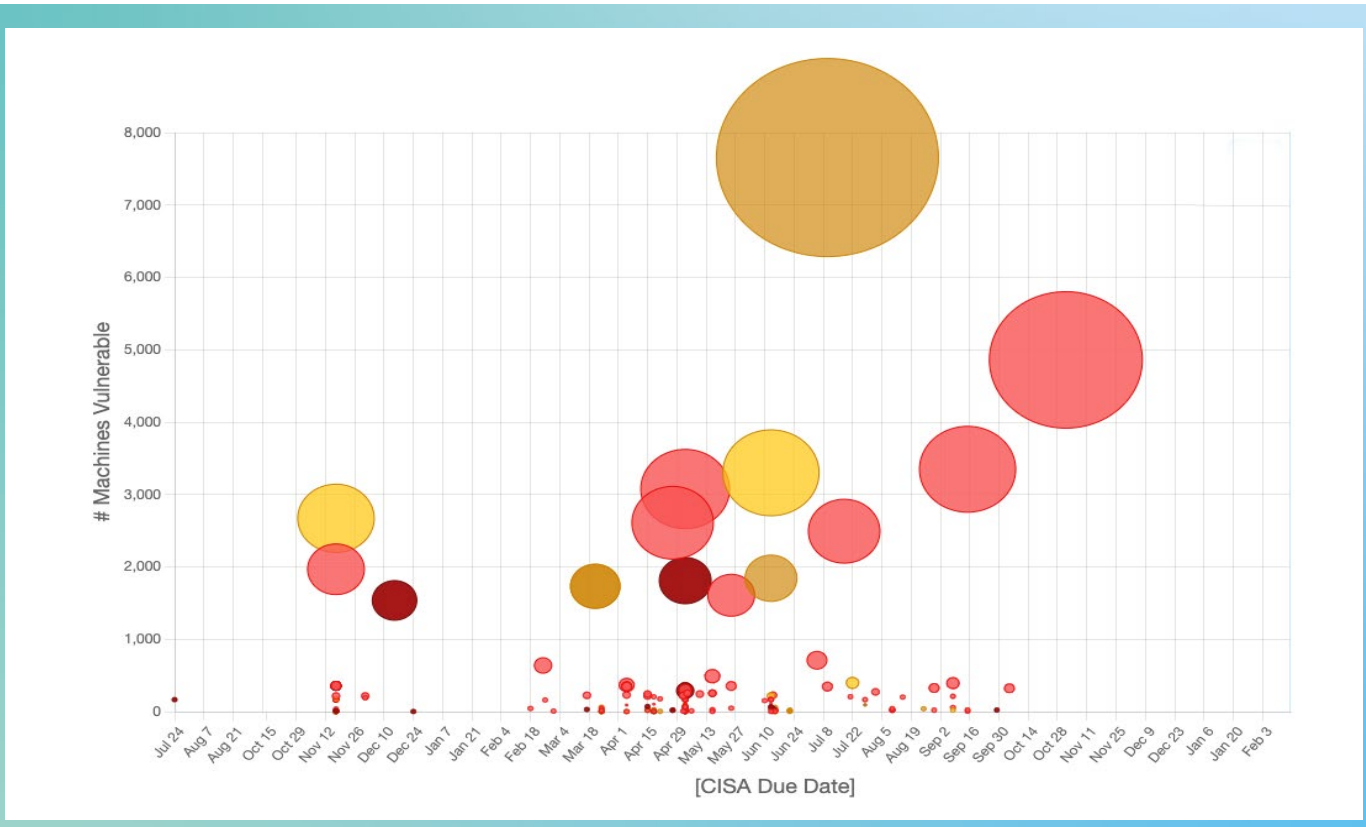
BigFix CyberFOCUS Security Analytics helps organizations discover, prioritize, and patch critical vulnerabilities and reduce cybersecurity risk in real-time, across your global desktop, mobile, datacenter, cloud, and IoT landscape. It includes four major tools:

- **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 downtown time caused by patching actions.
- **CISA Known Exploited Vulnerability Exposure Analyze**r maps your vulnerabilities to the constantly updated CISA Known Exploited Vulnerabilities the most critical threats in the world. Access to the detection and remediation content requires the Known Exploited Vulnerabilities Content Pack Add On.
- **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 vulnerabilities can take days or weeks for IT Operations to remediate vulnerabilities after a vulnerability assessment, but with CyberFOCUS Security Analytics, critical vulnerabilities can be remediated within minutes.

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, know how system configuration settings are set. It can even identify additional security threats.



Example CyberFOCUS dashboard - CISA Known Exploited Vulnerability Exposure Analyzer

A library of predefined queries is available and users easily create 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.

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. Windows and macOS 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.

More information

Contact Us or visit BigFix.com to obtain information about BigFix.

About HCLSoftware

HCLSoftware develops, markets, sells, and supports product families in the areas of Digital Transformation, Data, Analytics & Insights, AI & Automation and Enterprise Security platforms. HCLSoftware is the cloud-native solution factory for enterprise software and powers millions of apps at more than 20,000 organizations, including more than half of the Fortune 1000 and Global 2000 companies. HCLSoftware's mission is to drive ultimate customer success with its IT investments through relentless product innovation.