HCLSoftware

BigFix Insights

The BigFix Analytics Platform that combines and integrates data from BigFix and third party solutions to enable deep analytics and powerful reporting

In order to manage and secure a widely distributed endpoint environment that is facing constantly evolving threats, an organization needs a very efficient approach to collect, track and report on various endpoint properties across the organization. All the endpoint properties and patch/compliance/deployment statuses collected need to be centrally available for analytics and reporting in order to effectively expose security risks or IT operational issues so appropriate business decisions can be quickly made. Many organizations need to combine and correlate BigFix endpoint data with data from third-party IT or security solutions such as CMDB, Vulnerability Assessment, or Endpoint Protection to provide a broader perspective and to expose additional insights.

BigFix Insights is BigFix's Analytics Platform designed for BigFix administrators and enterprise data analysts to combine and integrate data from all BigFix modules across multiple BigFix deployments and third party solutions to perform deep analytics and generate powerful reports. It provides a central repository to collect and aggregate various endpoint properties across traditional on-premise, cloud, and MDM-API managed endpoints, regardless of OS, location and connection type. It allows business context or security / IT data from other third-party solutions to be imported and correlated with BigFix data to enable deeper analytics and decision making based on broader context. All data consolidated in BigFix Insights can also be exported to an organization's enterprise-wide data warehouse or data lake for further data consolidation and analytics. BigFix Insights effectively enables an organization to generate reports using a BI tool to show the current endpoint status and historical trends. Executive-level, sample reports are provided to render immediate business value. By continuously collecting and integrating an organization's endpoint, security and operations data into one platform and enabling a comprehensive view of the entire endpoint landscape, BigFix Insights significantly simplifies IT and security operations and improves compliance efficiency.

Highlights

- Aggregates data from all BigFix modules across multiple BigFix deployments and integrates business context or security / IT data from third-party solutions into a single platform to enable deep analytics and business decision making based on broader context.

- Enables generation of powerful reports using a BI tool to show the current status and historical trend of various endpoint areas. Management consumable sample reports with rich visualization and filtering are provided out-of-the-box to enable immediate value.

- Automated and continuous endpoint data collection and management simplifies IT and security operations and improves compliance efficiency.

A Platform for Analytics, Reporting and Integration

It is an increasingly challenging for organizations to manage a large number of devices spanning desktops, laptops, servers, mobile devices, kiosks, etc. running different operating systems, located on premise, in the cloud, or roaming in the Internet. To effectively manage such a complex environment while protecting all endpoints from constantly evolving threats, an organization must be able to continuously track the current states of all endpoints and analyze and report the critical data in order to quickly identify risks and operational deficiencies and then target appropriate remediation.

Many organizations also have a need to combine and integrate BigFix data with third-party applications' data such as additional asset details or various endpoint security data to enable a broader posture or generate additional insights. It is highly desirable to aggregate and integrate all the endpoint data in an automated and continuous and automated way. In addition, organizations would like to have an effective and flexible way to generate various reports to expose the endpoint posture and identify risks, to support efficient business decision making.
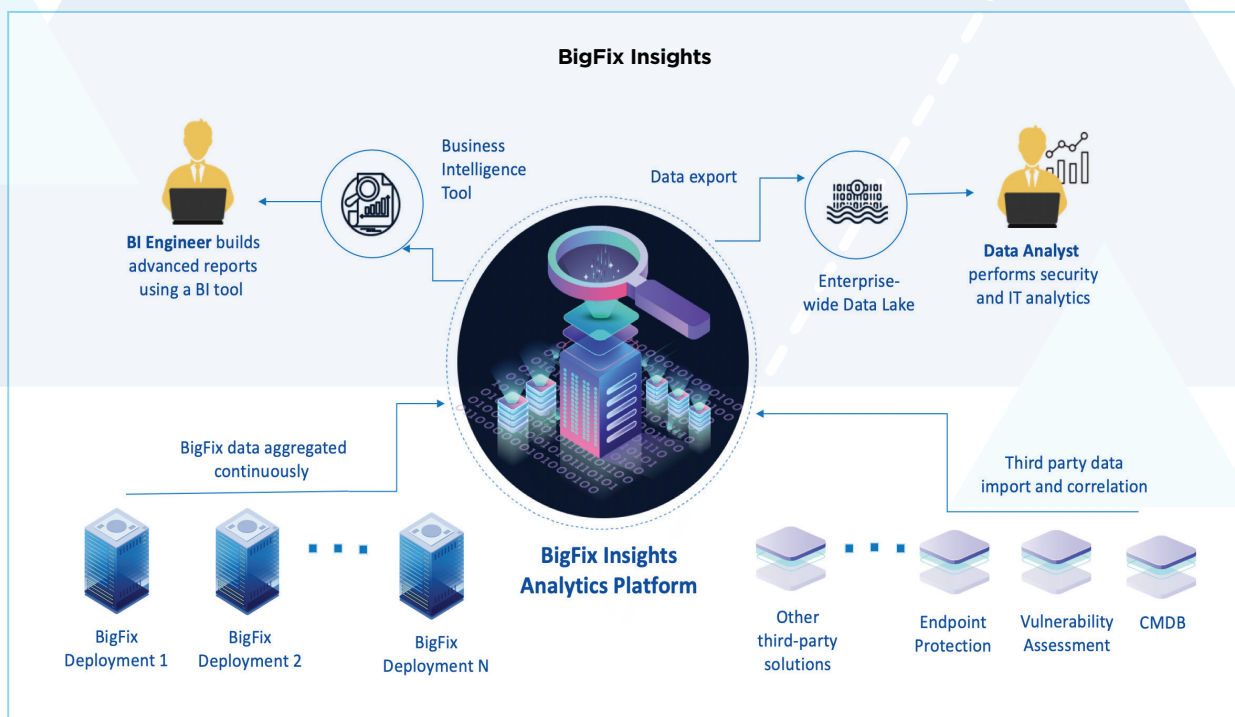
BigFix Insights is BigFix's Analytics Platform designed for BigFix administrators and enterprise data analysts to combine and integrate data from all BigFix modules across multiple BigFix deployments and third party solutions to perform deep analytics and generate powerful reports. It provides a central repository and platform to collect and aggregate various endpoint properties across traditional on-premise, cloud, and MDM-API managed endpoints, regardless of OS, location and connection type. It also allows business context or security / IT data from other third-party solutions to be imported and correlated with BigFix data to enable deeper analytics and decision making based on broader context.

Deep Analytics

BigFix Insights collects and consolidates data from all BigFix deployments into a centralized data repository for analytics on a continuous basis. Various endpoint data from all instances of BigFix Enterprise Server databases that span multiple BigFix deployments can be aggregated into this single analytics platform, hiding all data collection and aggregation complexity from BigFix administrators. Administrators have full flexibility in setting up what data sources to import and the frequency of importing. The data schema of all data collected in BigFix Insights is fully documented to enable analytics and report generation.

BigFix Insights is also BigFix's platform for integration with third-party solutions. Additional data, such as business context from a CMDB solution or vulnerability data from a Vulnerability Assessment tool, can be imported to the Insights data repository and correlated with endpoint data from BigFix, to provide additional insights about all managed endpoints and enable remediation actions on endpoints using the intelligence derived from integrated and correlated data.

All BigFix Insights data can also be exported for use with other tools. For example, an organization that has implemented an enterprise-wide data warehouse or data lake can leverage BigFix Insights to provide an effortless way to continuously aggregate endpoint data from multiple sources and feed that data into the data warehouse or data lake.

BigFix Insights

Business Intelligence Tool — **BI Engineer** builds advanced reports using a BI tool

Data export — Enterprise-wide Data Lake — **Data Analyst** performs security and IT analytics

BigFix Insights Analytics Platform

BigFix data aggregated continuously

BigFix Deployment 1 — BigFix Deployment 2 — BigFix Deployment N

Third party data import and correlation

Other third-party solutions — Endpoint Protection — Vulnerability Assessment — CMDB

Powerful Reporting

Many organizations today are using a Business Intelligence (BI) tool to perform analytics and generate reports for a vast amount of data. In addition to generating high-quality reports with rich visualization and filtering, using a BI tool allows an organization to maximize their return on investment and increase productivity since the existing BI resources and skills can be re-directed to a new application or area quickly.

BigFix Insights Analytics Platform provides a fully documented schema that enables an organization to generate powerful reports using a BI tool to create powerful reports of current endpoint status and historical trends. Out-of-the-box, sample reports built with Tableau and PowerBI are provided with BigFix Insights. These reports can be used as is or further customized to reveal additional insights or to address additional needs of the organization. This new reporting approach significantly reduces the complexity and effort an organization takes to produce actionable and focused reports for operations and the management team.
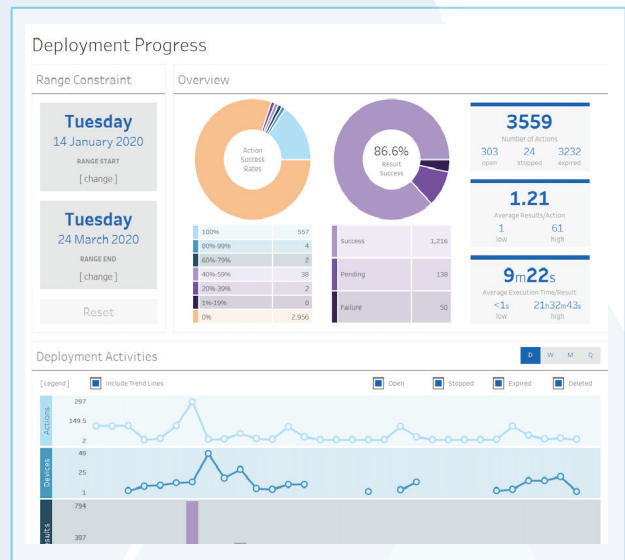
Simplified Compliance

An organization typically has many compliance initiatives that requires full visibility to the endpoint landscape in order to demonstrate compliance. This requires that all the associated data be centrally available whenever needed. By automating the collection and integration of an organization's endpoint, security and operations data into one single platform continuously, a comprehensive view of the entire endpoint landscape is possible. As a result, BigFix Insights significantly simplifies IT and security operations and improves the efficiency of compliance efforts.

Prerequisites

The prerequisites for BigFix Lifecycle are available online at
help.hcltechsw.com/bigfix/landing/index.html.

Why BigFix?

The HCL BigFix endpoint management platform helps IT
Operations with Continuous Compliance and Intelligent
Automation to manage over 100 operating system versions,
enabling streamlined management processes, tool consolida-
tion and operational cost reduction.

Unlike complex tools that cover a limited portion of endpoints,
the unified architecture of BigFix can effectively manage and
ensure compliance of all servers, desktops, and mobile devices
whether they are in the office, at home or in the cloud. BigFix
can find and fix endpoints faster than any other solution –
delivering greater than 98% first-pass patch success rates.

BigFix integrates with leading vulnerability management
solutions like Tenable and Qualys to dramatically reduce the
time required to remediate vulnerabilities. It also extends its
well-established endpoint management capabilities to AWS,
Azure, and Google clouds, enabling organizations to use a
single solution to manage multiple clouds and on-prem in a
consistent manner.

The unique approach of BigFix, coupled with thousands of
out-of-the-box security checks, will enhance your security
posture and automate the fight against ransomware and other
cyberattacks.

The BigFix Family

BigFix is the only endpoint management platform that enables IT
operations and security teams to fully automate the discovery,
management and remediation of vulnerabilities and assets – for
every endpoint, whether its on-prem, virtual, cloud or mobile–
regardless of operating system, location or connectivity.

BigFix empowers businesses and organizations to find more, fix
more and do more, faster.

Visit www.hcltechsw.com/bigfix/offerings/products for more
information.
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For more information

To learn more about BigFix, contact your HCLSoftware Sales Specialist, HCLSoftware Business Partner, or visit **www.BigFix.com.**

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.