PRODUCT SHEET

Balbix®

Balbix Security Cloud

AI-Powered Cybersecurity Posture Automation

Security teams are pulled in many directions– vulnerability management, incidence response, deployment and tuning of security tools, application security, dashboarding and reporting, etc.

- Do you know if you are working on the right projects?
- Where are the riskiest areas of your attack surface?
- Can you quantify the progress you are making?

Balbix enables you to address these challenges and make the right decisions in order to transform your cybersecurity posture and reduce breach risk.

The Balbix Security Cloud uses specialized AI algorithms to discover and analyze the enterprise attack surface to give a 100x more accurate view of breach risk. Security Cloud also provides a prioritized set of actions that you can take to transform your cybersecurity posture and reduce cyber-risk by 95% or more, while making your security team 10x more efficient.

Use cases

Balbix provides real-time asset inventory, risk-based vulnerability management and cyber risk quantification solutions to help you automate your cybersecurity risk posture.

ASSET INVENTORY

RISK-BASED VULNERABILITY MANAGEMENT

CYBER RISK QUANTIFICATION

Highlights

Continuous discovery and analysis

Sensors, connectors, and collectors deployed across your network continuously discover and monitor your devices, apps, and users.

Risk insights and prioritization

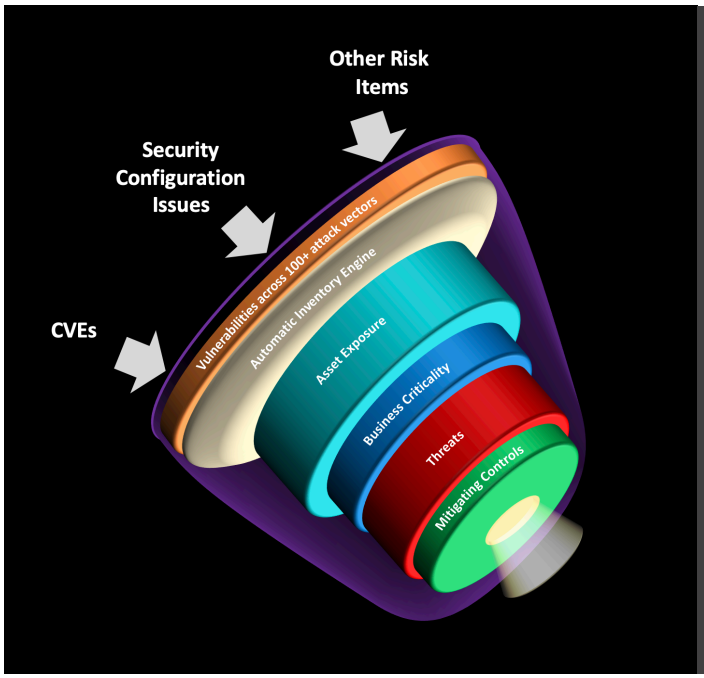
You can understand your real-time risk with drill-down risk heatmaps and natural-language search.

Cybersecurity posture improvement

Prioritized tickets with relevant context are generated and assigned to the right owners for strategic and tactical mitigating actions.

1-hour deployment

- Sensors are placed to span a suitable subset of *north-south* and *east-west* network traffic in your environment
- Connect Balbix to your enterprise data sources such as Active Directory, AWS configuration, logs, etc.
- Within 24 hours, get a 100x more accurate view of cyber-risk including asset inventory, historical patching posture, password-related issues, missing encryption, easily phish-able users, and much more



Prioritization

Balbix's risk-based prioritization of cybersecurity posture issues incorporates 5 factors:

1. Vulnerability severity level
2. Threat level– is this vulnerability being exploited in the wild
3. Exposure based on usage or configuration
4. Business impact if this asset is compromised
5. Compensating controls that negate risk from this issue

The Balbix platform filters out issues that need immediate attention vs those which can wait a few days, and those which are just noise.

Automatic inventory

Balbix automatically discovers and analyzes your inventory. This includes all devices, apps and services, managed or unmanaged, infrastructure, on-prem and cloud, mobile, IoTs, ICS, etc. The inventory is available via real-time dashboards and search.

Capabilities include:

- Categorization of assets into core or perimeter assets
- The relationship between assets and users
- Details for each asset, e.g., software and hardware version, open ports, and usage
- Estimated breach impact for each asset

Risk identification

Balbix performs continuous monitoring and identification of vulnerabilities and other risk items for each asset, for example:

- Unpatched software (CVEs)
- Default, weak or reused passwords
- Encryption issues– missing or improper encryption
- Misconfiguration
- Certificate issues

Google-like search

Get answers to questions about your inventory, cybersecurity posture or breach risk using natural language search.

You can:

- Query your inventory using IT vocabulary, e.g., “windows servers in London”, “security cameras”
- Combine security and IT terms: “unpatched switches in NYC”, “password reuse”, “phishing”
- Search by CVE number, e.g., “CVE-2017-0144”, or its common name “wannacry”
- Use higher level queries like “where will attacks start”, “what will they go after”, “assets with intellectual property”, and “risk to customer data.”

Discovery and validation of security controls

Balbix considers the risk-negating effect of compensating controls deployed in your enterprise while prioritizing vulnerabilities. Capabilities in this area include:

- Automatic discovery of your existing mitigating controls like firewalls, anti-phishing systems, EDR, etc.
- Analysis to help you understand the effect of specific security controls in reducing enterprise risk
- Calculate proforma ROI of deploying new security controls

Integrated threat feeds

Balbix incorporates threat intelligence from our partners and public sources. This includes information from the dark web, research forums, govt advisories, exploitDB, pastebin, etc.

- Integrated threat data enables Balbix to prioritize your vulnerabilities based on what is currently fashionable with the adversary vs theoretical CVEs.
- You get to know which of your assets are susceptible to infamous threats like wannacry, sambacry, poodle, broadpwn, etc., and can take mitigating actions quickly.

Notifications, digests and reports

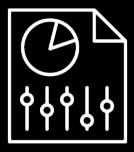
Balbix provides timely notifications to breach risk owners and stakeholders on important data triggers

- Set up compliance watchdogs using natural language search and the powerful IFTTT framework
- Daily and weekly digests provide stakeholders with timely data
- Generate cyber-risk reports for discussion with your board of directors and senior management

Take action to automate your cybersecurity posture

Prioritized action plan

Balbix provides actionable insights with specific steps that you can take to improve cybersecurity posture.



- Suggested risk remediation actions are prioritized based on risk
- Context and tools help you select the order of scheduling mitigating tasks to get maximal reduction of risk
- When appropriate, the system provides options for each risk insight to help you quickly implement a practical fix
- The prescribed mitigating actions can be ticketed to remediation owners automatically or manually

Customizable

You can define risk areas appropriate for your business and the platform maps them to specific aspects of your cybersecurity posture.

- You can type “risk to intellectual property” in Balbix’s search box, and define this as a risk item of interest
- Balbix can automatically map risk items like “customer data” to the actual on-network assets and their attributes (e.g., patching cadence) that drive the risk
- The system continuously observes, analyzes and reports on the relevant parts of your cybersecurity posture for defined risk areas of concern

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