Automatic Asset Inventory

Use AI to automatically discover and inventory *all* your assets
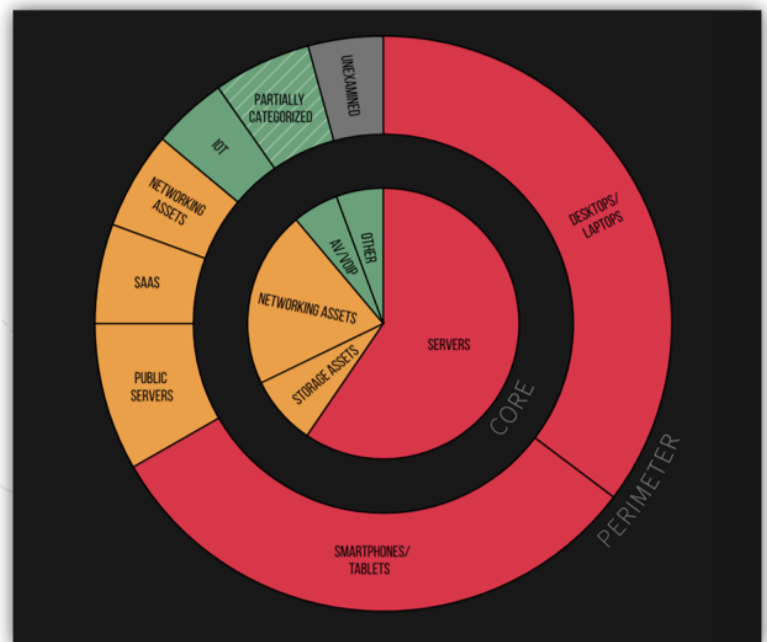
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Overview

Maintaining an up-to-date enterprise inventory system is a foundational element in every organization's cybersecurity program. At the same time, it is very challenging. Enterprise assets change constantly, with devices being added and retired, physical machines migrating to virtual, and various stakeholders installing and updating software (with or without approval). When you don't have an accurate and up-to-date asset inventory, managing compliance and cyber-risk is difficult, if not impossible, to achieve.

Balbix uses AI to automatically discover and inventory all assets. This enables enterprises to maintain an accurate and up-to-date asset inventory that is real time, highly accessible, and continuous. It includes all devices, apps, and services; managed and unmanaged infrastructure; on-premises and cloud; fixed and mobile; IoT, ICS, etc. – as well as information about how assets are being used.

Once assets are in your inventory, they are readily available via real-time dashboards and search. They are analyzed across 100+ attack vectors to identify those that are most likely to be compromised. And you can set up automatic and continuous compliance watchdogs.


Balbix allows enterprises to track their assets in real time through automatic discovery and continuous updates. This enables you to stay current, maintaining an up-to-date inventory with fewer human resources and minimal effort.

Comprehensive coverage and categorization

Traditional inventory tools typically only track managed assets. Non-traditional assets like IoT are either left undiscovered or partially tracked by a collection of stand-alone tools, one for each asset category.

Balbix automatically discovers, analyzes, and categorizes all devices, apps, and services. With Balbix, assets are also automatically categorized into core or perimeter assets, and into their specific asset type. The relationship between assets and users (including administrators) is discovered and tracked. In addition, Balbix surfaces all relevant details for each asset, e.g., software and hardware version, open ports, usage, and so on.
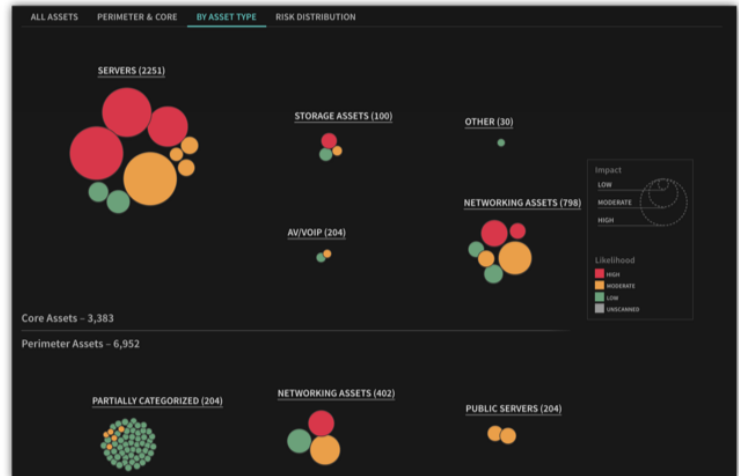

After deploying Balbix, customers have generally found between 15% and 35% more assets than they thought they had.

Business criticality

Not everything in the enterprise network is equally important. Traditional inventorying methods are not very good at tracking the business context of enterprise assets.

Balbix predicts business criticality for each asset based on an analysis of usage and network traffic. The platform allows users to see a partial rank-order of all assets in the network, including infrastructure assets that the various business systems rely on. This information can then be further enhanced via input from risk owners.

Balbix also supports business criticality attributes via search including queries like: "critical assets in Mountain View" and "most important web servers."
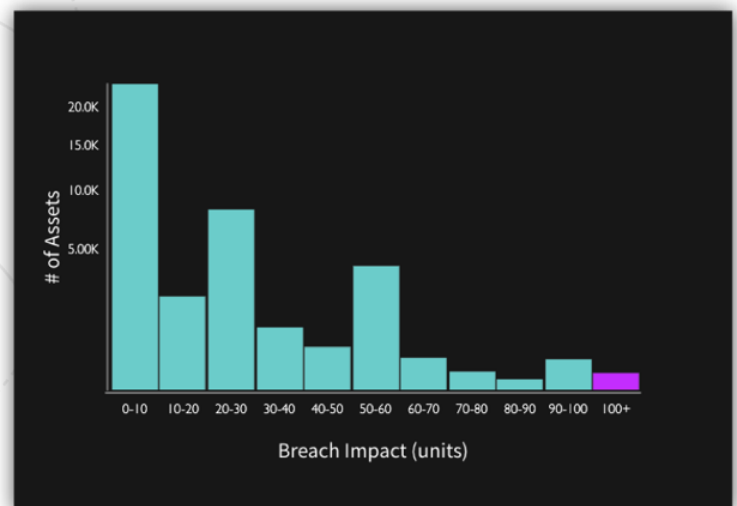
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Google-like search

If you needed to quickly discover all of your enterprise assets susceptible to wannacry, how long would it take your team to do it?
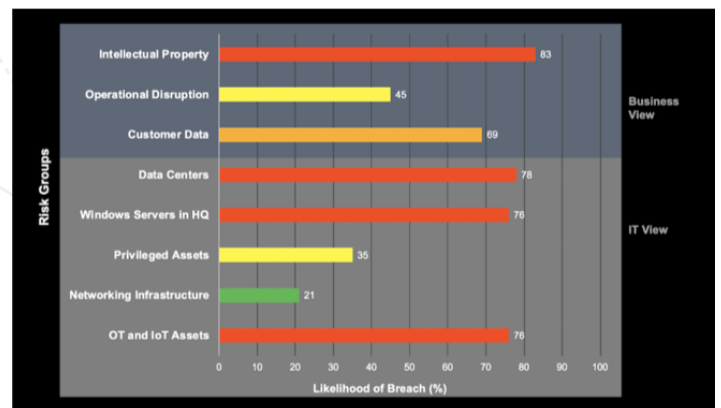
With Balbix, you can get answers to questions about your inventory, security posture, or breach risk using natural language search. For example, you can query your inventory using IT vocabulary, such as "windows servers in London," or "security cameras." Your queries can combine security and IT terms like "unpatched switches in NYC." You can search by CVE number, e.g., "CVE-2017-0144," or its common name "wannacry." You can also use higher level queries like "critical," "assets with intellectual property," and "risk to customer data."

Align with your business

The Balbix inventory and risk model can be customized based on your specific business needs. For example, if you care about intellectual property more than anything else, you can configure Balbix to automatically keep track of assets that create, store, or consume intellectual property and continuously calculate "risk to intellectual property" as well as "overall risk."

Balbix lets you define risk areas that are appropriate for your business using natural language search, and then maps the automatic calculation and tracking of these metrics to your actual on-network asset state.

Explore more use cases

100x Cybersecurity Posture Visibility

Risk-Based Vulnerability Management

Cyber-Risk Reporting for Board of Directors

Automatic Asset Inventory

Gamification of Cybersecurity Posture Transformation

Visibility and Security of IoTs, OT and Cloud Assets