Tanium XEM Core: Asset Discovery and Inventory

Asset data you can trust. The power of complete, accurate and up-to-date endpoint data for operations, security and risk teams.

Instantly answer fundamental questions about your environment with detailed, real-time inventory and data about all endpoints in minutes — not hours, days, or weeks. Tanium enables you to take control of unmanaged endpoints, decrease costs, reduce the chance of incidents, and unify multiple teams.

Your challenge: Manage thousands to millions of dynamic, distributed, and diverse assets

Maintaining a comprehensive, accurate inventory of every IT asset is more challenging today than ever. Today's CIOs have millions of globally distributed assets with complex dependencies.

Unfortunately, most CIOs can't answer basic questions about their IT estate and lack the tools to maintain complete inventory. They typically use point solutions that only provide limited and stale data from the selection of assets they see. The data retrieved lacks key details such as Software Inventory and Usage (SIU) which means higher cost of license distribution and audits, the containers hosted on them which increases risks, and many other types of data which compromises their decision making. Even worse, unmanaged assets hiding in the shadows can be compromised by a threat actor and open the doors to an organization-wide security incident.

The result:

- CIOs must manage and secure their assets using an inaccurate and incomplete view of their environment, and have difficulty answering fundamental questions.
- Organizations invest heavily in software and infrastructure but still do not understand their dependencies, risks, and potential for cost avoidance.
- IT operations and security teams must operate a complex stack of endpoint tools and manual processes that provide scattered, siloed, and conflicting data sets as well as inefficient workflows.

94%

of IT decision-makers discovered endpoints they weren't aware of[1]

50%

of software licenses go unused by employees[2]

69%

of organizations have experienced breaches through unknown assets[3]

Your solution: Complete, accurate inventory and understanding of every asset in your complex environment

REAL-TIME ASSET INVENTORY AND MANAGEMENT

Gain visibility of unmanaged endpoints to reduce risk

If you can't see your endpoints, you can't manage them. Yet today's diverse, dynamic, and distributed infrastructure creates an environment where endpoints and other manageable objects like containers can easily hide and are always changing, increasing security risks.

With Tanium, you can:

- Discover every endpoint, including hard-to-find endpoints in remote subnets and containers in your environment in minutes — not days or weeks.

- Eliminate the need to stitch together results from multiple discovery tools or schedule numerous scans when assets are offline.

- Build a real-time inventory that continuously discovers and categorizes new assets and enables you to bring them under your management.

HARDWARE AND SOFTWARE INVENTORY USAGE

Avoid unnecessary hardware and software costs

Organizations today struggle to identify what software is installed on their machines and how much it is being used. They can't precisely assess their software for audits or reclamation purposes. This leads to high software expenditures in both audit fees and recurring license costs.

With Tanium, you can:

- Get a complete list of software by product or vendor in your environment available at any time.

- Easily find unauthorized or underutilized software to reclaim or redistribute licenses.

- Use out-of-the-box reporting to understand usage statistics at a glance.

INCREASED VALUE FROM THIRD-PARTY SYSTEMS

Increase the value of your third-party systems with accurate, instantaneous data

Most tools can only answer a small subset of questions for a single-asset class, forcing organizations to deploy dozens of complex point tools. Then IT teams try to integrate, centralize, and normalize data into tools such as CMDB, SIEM, or other systems. This leads to inaccurate, stale, and insufficient asset data.

With Tanium, you can:

- Connect to your CMDB (e.g. ServiceNow) with the confidence that endpoint and usage data is fresh and accurate.

- Integrate your asset data into IT tools regularly on a schedule based on your needs – leading to consistent reporting, better collaboration, and informed decision-making.

- Create a single source of truth used by security, operations, risk, procurement, finance, and leadership teams.
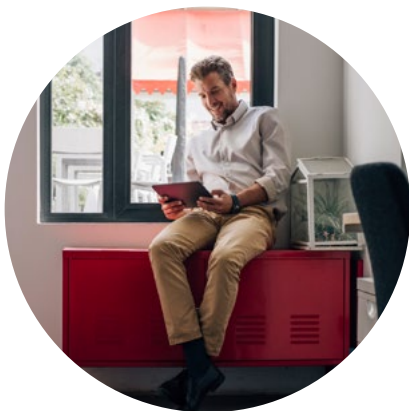
> "Aside from Tanium, there's really nothing else in the market that could solve our problem of gaining visibility for nearly 100,000 endpoints. Nothing else comes close."

Doug Shephard
Senior Director, Offensive Security Services
JLL

Create inventory of every IT asset in your complex environment at speed and scale

Tanium provides a range of beneficial features that make it easy to build and maintain real-time asset inventory.

Accurate endpoint and app visibility

Discover every endpoint and container in your on-premises and cloud environments as well as real-time data in minutes. Tanium uses a lightweight, distributed agent that can scan environments of any size with minimal network impact.

- Scan from a single point or multiple points, execute IPv6 scanning without the need of connection to network device, and perform ad hoc scans at any time.

- Retrieve extensive endpoint details such as address (e.g. IP, MAC), location, types of hardware, hosted containers, software, and location and access any endpoint property, state, or data on demand.

- Consolidate and organize data by profiles and labels to identify and group interfaces that can be automatically applied.

- Produce both predefined and configurable executive-ready reports such as unmanaged interfaces and all users.

High fidelity data to reduce costs and risks

With the complete, accurate endpoint data, know how the assets and licenses are used. Control your costs and risks, ultimately leading to optimization of your estate.

- Actively identify unmanaged devices and bring them under management to inventory and secure them.

- Easily find unauthorized or underutilized software to automatically reclaim and redistribute licensing.

- See into all installed software as well as portable application and their usage so you can review unauthorized software and minimize security risks.

- Leverage built-in and customizable reporting for SIU including products, endpoints, and usage.

Burnaby School District discovered more than 2,000 endpoints that its previous management tools had missed.

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A large U.S. federal agency discovered, identified and removed software from 20,000 systems, saving them over 20,000 hours of manual work to remove software from each field workstation.

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Decreased complexity and improved efficiency

Build a central and trusted view of your IT assets to drive confident decisions and operational efficiency. Tanium gives you a shared platform that unifies your IT operations, service desks, security, and risk teams around a single, accurate, and timely asset inventory dataset.

- Enrich existing systems, workflows like ITAM, ITSM, and ITOM, and databases such as CMDB with an accurate system of record and broad range of data for all assets through integration and open APIs.

- Reduce the number of tools used and improve workflows by sending data from Tanium into third-party systems, ultimately leading to a decrease in costs.

- Enrich your SIEM such as Microsoft Sentinel or other incident management systems to improve analysis.

- Increase efficiency, consolidate tools, and unify teams from asset discovery and inventory data shared through Tanium point solutions with varying views of the digital estate: Endpoint Management, Risk & Compliance, Incident Response, and Digital Employee Experience.

Now an IT Services and Consulting Company continuously synchronizes CMDB with accurate data in just a matter of hours, and they can run updates daily, as opposed to every few weeks.

REQUEST A DEMO TODAY

Connect with a member of our team to see Tanium in action.

[Try Tanium Now]

REFERENCE

1. https://site.tanium.com/rs/790-QFJ-925/images/WP-Visibility-Gap-2020.pdf

2. https://pantheon.nexthink.com/wp-content/uploads/2023/02/Software-License-Usage-Analysis-1-1.pdf

3. https://www.scmagazine.com/news/most-organizations-had-an-unknownor-unmanaged-internet-facing-asset-exploited

Tanium delivers the industry's only true real-time cloud-based endpoint management and security offering. Its converged endpoint management (XEM) platform is real-time, seamless, and autonomous, allowing security-conscious organizations to break down silos and reduce complexity, cost, and risk. Securing more than 32M endpoints around the world, Tanium's customers include more than 40% of the Fortune 100, 7 of the top 10 U.S. retailers, 9 of the top 10 U.S. commercial banks, all 6 branches of the U.S. military, and MODs and DODs around the world. It also partners with the world's biggest technology companies, system integrators, and managed service providers to help customers realize the full potential of their IT investments. Tanium has been named to the Forbes Cloud 100 list for eight consecutive years and ranks on the Fortune 100 Best Companies to Work For.

For more information on The Power of Certainty™, visit **www.tanium.com** and follow us on **LinkedIn** and **X**.