

SOLUTION BRIEF

Tanium for Unified Endpoint Management (UEM)

A fast, flexible, and unified solution for managing end-user, server, and cloud endpoints at any scale



Endpoint management shouldn't require a patchwork of unreliable tools and processes.

IT operations teams are responsible for managing a complex and expanding environment comprising end-user devices, servers, and cloud infrastructure. Legacy tools - powered by legacy architectures - struggle with scale, add significant maintenance overhead, and often provide misleading results. They were built for a different era of endpoint management with fewer, more centralized devices. At the same time, newer, mobile-centric endpoint tools based on modern, unified management have consistently failed to deliver. They have neither the power nor flexibility to work across the entire endpoint environment, while completely neglecting servers and cloud infrastructure.

In addition, security is rarely considered, as these tools lack the speed and reliability needed to address critical vulnerabilities quickly without disrupting the business. According to a recent global survey of IT leaders, 81 percent of CIOs, CISOs, or IT decision-makers admit they have refrained from adopting an important security update or patch because of concerns about the impact it might have on business operations¹.

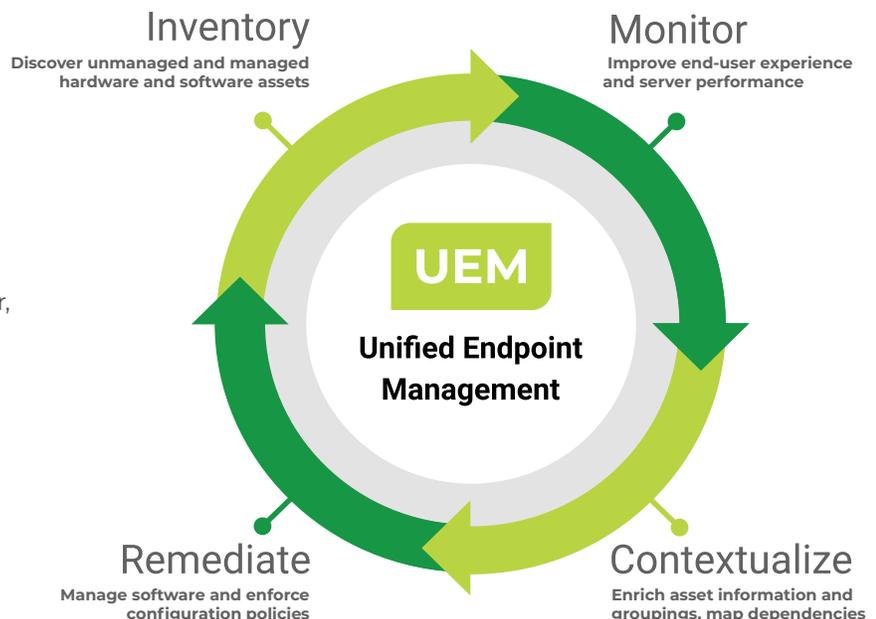
A new approach to Unified Endpoint Management (UEM) is required.

Unified Endpoint Management (UEM) is the process for managing all of an organization's end-user, server, and cloud endpoints from a single platform. UEM provides IT Operations teams with a single point of control over any number of device types and provides complete visibility into the state of all IT systems across an enterprise. A true UEM platform allows teams to realize a new level of control over the IT operations technology stack while managing

endpoint capabilities across operations and security.

A unified management platform requires a modern architecture that meets the needs of today's highly distributed organizations. The increased use of infrastructure as a service (IaaS) to virtualize the data center extends this requirement. Teams need visibility and control, no matter where an endpoint - cloud-based or otherwise - might operate. A strong UEM architecture must support flexibility to address new challenges as they arise, whether concerning a critical vulnerability, security requirement, or outage. Ideally, teams should be able to answer any question or to take any action exactly when needed.

Finally, UEM must enable a complete lifecycle for operations that goes beyond just providing software updates or deploying configuration policies. UEM starts with knowing what devices you have, whether those are managed or unmanaged, and enriching asset management databases. The UEM lifecycle requires up-to-date asset inventory, real-time endpoint performance monitoring, data and context for change prioritization, and remediation power on a variety of issues.



¹Tanium. (2019). Resilience Gap Report.

Tanium provides this modern, comprehensive, and scalable approach.

Providing unparalleled speed, visibility, and control, Tanium is a unified endpoint management and security platform built from the ground up for the world's most technically demanding organizations and IT teams. Unlike other variants of endpoint management available today, Tanium's approach to UEM provides support for a breadth of operating systems, servers, or cloud IaaS with unmatched speed and scale across the entire environment.

Tanium starts with a modern, patented architecture. Traditional tools require dozens or even hundreds of secondary servers to scale their infrastructure, but the Tanium architecture's streamlined communication allows it to effortlessly support millions of endpoints and maintain optimal performance - all without the need for ongoing investment in costly hardware. Tanium is also well-suited to withstand the effects of today's dynamic and growing environments, in which hundreds and thousands of machines move on- and offline and IaaS virtual machines come in and out of existence continuously.

As a result, Tanium is better able to support IT operations teams through:

- **A single view** of all end-user, server, and cloud endpoints.
- **Real-time data** that informs immediate business decisions.
- **One endpoint agent** offering the flexibility to address a breadth of key IT operations tasks.
- **Ability to quantify** and reduce technical risk across the organization.
- **A bridge from operations to SecOps** that aligns teams around a single set of data.

Execute on all pillars of the UEM lifecycle with one platform and console.

- **Asset Discovery & Inventory:** Discover managed and unmanaged assets as well as multi-tier application services to provide a complete inventory instantly.
- **Configuration Management:** Completely assess, report, and enforce configurations on endpoints, at scale.
- **Patch Management:** Simplify and accelerate patch management with confidence.
- **Performance Monitoring:** Monitor, investigate, and remediate endpoint performance issues.
- **Software Management:** Quickly install, update, or remove software and migrate endpoints to the latest operating system.

Realize game-changing IT Operations benefits with Tanium for UEM.

- **Improve Asset Inventory:** Many organizations discover 10 to 20 percent more endpoints that legacy tools failed to identify.
- **More Effective Patch Management:** First-pass patch success rates often increase from 60 percent using legacy tools to 99+ percent.
- **Regain License Costs:** Better visibility into asset inventory and usage could mean saving hundreds of thousands of dollars.
- **Reduce Overall Infrastructure:** Remove the requirement for 100s or more servers from legacy tools.

Unified Endpoint Management

-  Patch Management
-  Software Management
-  Performance Monitoring
-  Asset Discovery & Inventory
-  Configuration Management

About Us

Tanium is a unified endpoint management and security platform proven in the world's most technically demanding organizations. Providing unparalleled speed, visibility, and scale, we serve half of the Fortune 100, top retailers and financial institutions, and four branches of the US Armed Forces, which rely on Tanium to make confident decisions, operate efficiently, and reduce risk. Tanium recently ranked 7th on the Forbes list of "Top 100 Private Companies In Cloud Computing For 2019," 10th on FORTUNE's list of the "100 Best Medium Workplaces" in the U.S., and 18th on the UK's Best Workplaces list. Visit us at www.tanium.com or follow us on LinkedIn and Twitter.