TANIUM™

THE TANIUM PLATFORM:
DELIVERING SPEED, SCALE, AND SIMPLICITY TO IT PROS EVERYWHERE.

WITH TANIUM, NOTHING IS IMPOSSIBLE ANYMORE. IT pros can now solve any problem, through simple questions, responses delivered within seconds, and actions executed at scale. No scripting. No bloated databases.

IT pros need to know everything about their systems, networks, users, and data. They need this information to be fast, reliable, and accurate so that they can respond to issues quickly before they get out of control.

Unfortunately, the tools they've been given to do this job are woefully inadequate. Based on legacy hub-and-spoke architectures reliant on bloated databases, these security and systems management tools can take days or weeks to deliver data that's no longer reliable or actionable. What's worse… these tools are complicated and expensive to manage. Especially at scale. No wonder IT pros are frustrated, and costly breaches continue.

Thankfully, the Tanium platform radically transforms how IT gets done, delivering speed, scalability, and simplicity no matter how complicated the network or the problem IT pros are trying to solve. Rather than relying on a centralized server and bloated database, Tanium leverages an incredibly efficient LP2P (linear peer-to-peer) architecture that coordinates answers and actions across the enterprise. In seconds, and at scale.

Whether you need to detect and contain an indicator of compromise or simply identify who is using unauthorized software, Tanium gives you instant answers and actions to do all of that and more.

Organizations can choose to deploy the Tanium platform on its own or with any of the following solution packs.

Advanced Endpoint Protection: Monitor, manage, and validate effectiveness of endpoint security toolsets and identify sensitive data wherever it resides

Emerging Threat Defense: Detect key forensic data and IOCs across your network to quickly contain and remediate incidents… at scale

Continuous Systems Management: Reduce cost through more efficient systems management, software distribution and license management
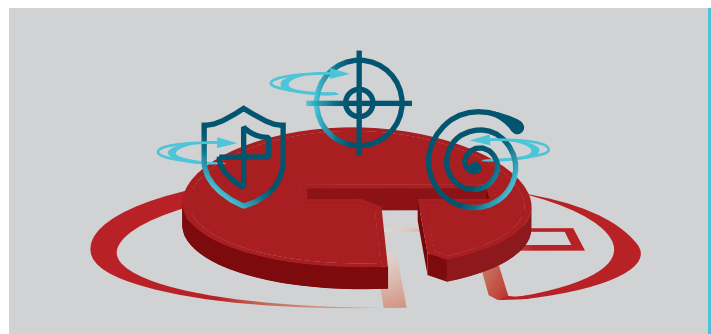
The Tanium platform provides instant command and control through a lightweight agent, a resilient communications protocol, and web-based console, for agile incident response, advanced endpoint protection, and continuous systems management. Delivering the highest value at the lowest TCO, a single Tanium server can manage over 500,000 endpoint devices.

Tanium-managed computers continuously discover, assess, secure and remediate themselves according to an IT organization's specific policies and practices. Tanium delivers superior, customer-documented return-on-investment by reducing labor and infrastructure costs and automating critical management functions.

HOW IT WORKS

The Tanium platform relies on these two components to ask any question of any endpoint, and then deliver actions based on those answers. Within seconds.

▶ **Sensors** – So you can ask whatever you need to. And get answers in seconds. Across your network. Sensors are simply pre-populated scripts and queries written in a variety of non-proprietary languages. Customers can easily customize these for any ad-hoc questions they have, and capture the answers globally, across platforms, in seconds.

▶ **Packages** – So you can make fixes as quickly as possible. With Packages, you can take automated actions like moving files and other data quickly and efficiently. Packages are exactly what they sound like… the actual data payload, which could be a service pack, application update, security patch or shared file.

Tanium is based on a revolutionary approach that distributes management intelligence and data directly to the computing devices themselves. This resilient, peer-to-peer communications architecture results in radically faster, more accurate, scalable, and more adaptive security than traditional solutions.

TANIUM PROOF POINTS

- Deployed in some of the largest networks in the world
- Single server supports more than 500,000 endpoints
- 10,000 times faster than alternatives
- Ask any question, get answers in 15 seconds
- No need for complex or proprietary scripting expertise
- Supports: desktops, laptops, tablets, servers on Windows, Mac OSX, Linux, Solaris, VMWare, and within Amazon EC2


TRADITIONAL COMMUNICATIONS FLOW
- → Server propagates request to all Relay Servers
- → Relay Server collects individual responses from it's Clients
- → Relay Server sends series of individual responses back to Server

Communication Server Relay Server Client
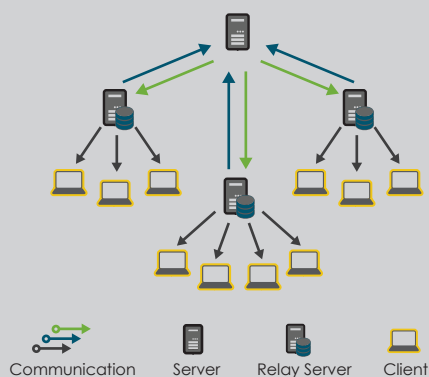
TANIUM COMMUNICATIONS FLOW
- → Tanium Server contacts a few Clients
- → Client contacts peer Client and passes aggregated response over LAN
- → Last Client sends final aggregated response to Server

Communication Firewall Tanium Server Client
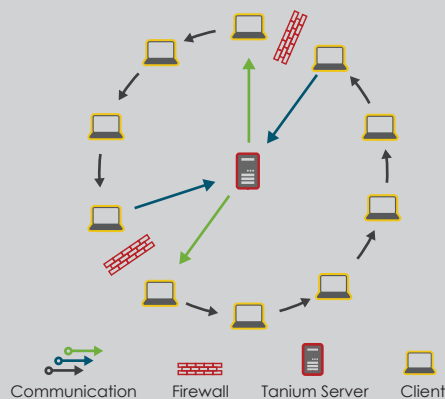
TRADITIONAL ENDPOINT SECURITY APPROACH
- Fragile Agents
- Overloaded Databases
- Proprietary Scripting
- Brittle and Costly Distributed Infrastructure

TANIUM ENDPOINT SECURITY APPROACH
- Resilient agents
- Queries are answered by peer clients, not a cumbersome database
- Natural language queries
- Optimized, peer-to-peer architecture scales up, and out

TANIUM™