

Tanium for oil, gas, and energy

Protect uptime and prevent safety and security issues from outdated, vulnerable endpoints



The challenge: Outdated and vulnerable endpoints are adding to IT risk, and jeopardize operational uptime

Oil and gas companies provide an essential service globally, and because they operate critical infrastructure, they are a big target for cyber threats. You only need to look outside to see their impact: between powering homes and businesses, transportation, and employing millions of people – they are critical to secure.

However, many oil and gas providers operate a web of complex IT infrastructure: between legacy hardware and systems, unique OT devices in remote and low-bandwidth locations, and segmented networks all on different operating systems – which can create mountains of IT and security management challenges.

The result: Technology leaders and teams are reactive to managing and securing their environment and can't operate at a full level of security or efficiency in the face of IT complexity – which puts business operations at risk

Common challenges oil and gas companies face include:

- Preventing disruption to business continuity and maintaining operational uptime
- Protecting people, assets, and organizational information from cyberattack
- Managing a mix of modern and legacy systems (traditional and OT endpoints) located in remote locations, across silos, network segments, and with varying levels of bandwidth
- Patching and managing endpoints in remote locations with very limited bandwidth prioritized for sending operational data first
- Siloed teams and operating procedures around IT management create priority and data gaps between security and operations teams

To overcome these challenges, oil and gas companies need a single platform that can provide them with the visibility, control, and automation they need to keep up with the speed of operations, reduce IT complexity, and protect their business.

The solution: A single control plane for IT operations and security management

Tanium's Converged Endpoint Management (XEM) platform gives oil, gas, and energy companies the visibility, control, and automation they need to keep up with the speed of operations, reduce IT complexity, and protect their business from disruption.

With Tanium XEM, oil and gas companies can:

- **Maintain business operations** with access to real-time, granular endpoint data (even from segmented endpoints) and the ability to act before an issue arises
- **Identify sensitive data** across the enterprise quickly and reliably and take action to remove it if necessary
- **Combine IT and security management** across operating systems into one console for a streamlined outcome
- **Manage endpoints of all kinds** – even those with low network bandwidth access – with a proprietary architecture and single agent
- **Reduce legacy infrastructure** in both hardware and software with full endpoint visibility at scale
- **Enable faster decision making** with unparalleled visibility at lightning speed, with real-time data pulled on-demand, directly from the endpoint

WHY CHOOSE TANIUM

Tanium is the only solution that can provide oil and gas companies with the visibility, control, and automation they need to manage and secure their complex, siloed, and distributed IT environments at the speed and scale required by their operations-driven businesses.

How Tanium XEM works

Tanium XEM leverages a patented linear chain topology that uses endpoints and existing network infrastructure to gather data significantly faster than traditional methods. Instead of relying on a centralized database or hub-and-spoke architecture, Tanium XEM distributes queries and actions among the endpoints themselves, forming a peer-to-peer network that scales horizontally.

This unique approach enables Tanium to provide real-time data directly from the endpoints, not from a stale or incomplete database. It also allows IT administrators to execute actions with unparalleled speed and precision, without impacting network performance or user productivity.

With Tanium, oil and gas companies can get answers to any question about their endpoints in seconds, and take action in minutes, regardless of the size, location, or connectivity of their environment.

Learn more about how Tanium can help your oil and gas organization.

tanium.com



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.