SOLUTION BRIEF

Ensuring Inventory Controls for NIST Compliance

Maintain accurate inventory controls for hardware, software and cloud assets to comply with NIST cybersecurity framework

In today's digital age, with security threats looming large, adherence to the National Institute of Standards and Technology (NIST) cybersecurity framework has become a best practice for IT organizations. A cornerstone of this framework is inventory control, an essential component that can significantly impact an organization's security posture and regulatory adherence.

Inventory controls, as stipulated by the NIST framework, involve maintaining a comprehensive, accurate, and up-to-date record of all technology assets. This encompasses hardware, software, data storage, network resources and cloud services within an organization's infrastructure. The NIST framework mandates this to ensure organizations have a complete understanding of their technological landscape, which is crucial for identifying and mitigating potential security risks.

By establishing and maintaining a comprehensive inventory of technology assets, you not only pave the way for NIST compliance, but also strengthen your overall security posture. This proactive approach ensures that all assets are accounted for, risks are managed effectively, and the integrity and confidentiality of information is preserved, safeguarding your data and reputation in an increasingly digital world.

Failure to maintain proper inventory controls can lead to severe consequences, including security exposures, legal and financial ramifications, reputational damage, and operational disruptions. Unfortunately, modern enterprise environments, characterized by hybrid and remote work, cloud services, and mobile technologies, have added layers of complexity to maintaining accurate inventory controls and good technology data hygiene.

Traditional IT Asset Management (ITAM) and CMDB-based solutions usually fall short in addressing this evolving technology landscape. Often, IT teams resort to manually pulling information from multiple sources, aggregating it painstakingly via spreadsheets, and contacting users to reconcile duplicate entries or populate gaps.

Challenges

- Keeping up with the fast pace of adoption of diverse user and field devices, SaaS apps and cloud services
- Tracking and managing assets across remote workforce and growing number of locations
- Resource and cost overruns in obtaining and compiling technology inventory data
- Friction between IT and GRC teams due to poor inventory management and inaccurate compliance reporting

Benefits

- Single system for tracking all technology assets across hardware, software and cloud services
- Confidence in NIST inventory controls and compliance policies being met
- Better audit accuracy, efficiency and timeliness with automated workflows to streamline audit preparation tasks
- Cost savings by reducing manual effort, human error and the need for resource intensive IT projects
- Reduced risk of audit fines and failures
- Improved alignment and collaboration between IT and GRC teams

Ensure NIST compliance through rigorous inventory controls

To enhance the accuracy, efficiency and timeliness of compliance with NIST inventory controls you need to embrace improvements in tools, processes and automation.

Enterprise Technology Management (ETM) solutions provide an integrated platform to manage and monitor your complete technology landscape. This proactive approach ensures compliance with NIST inventory controls as well as other industry standards/frameworks, while also improving your overall security posture.

ETM solutions address the needs of today's dynamic technology environments, overcoming the limitations of traditional ITAM and CMDB solutions by providing:

> "Using Oomnitza, we're able to provide real-time updates on assets and what we have installed, which is a core part of our compliance and certification efforts."
>
> **Nemi George**
> **VP, Information Security Officer & IT Operations**
> ***Pacific Dental Services***

- Centralized inventory of all technology assets by leveraging existing tools and installed agents for comprehensive coverage, ensuring no asset goes untracked.
- Low-code/no-code workflows and pre-packaged workflow applications that are easily configured for your needs, to assess compliance, remediate issues and automate audit preparation tasks.
- Connector integrations with 160+ IT, security and business systems to discover, aggregate, normalize and enrich technology data for single-source audit data.
- Powerful business intelligence, notifications and reporting to keep stakeholders informed and provide evidence for auditors to demonstrate compliance.