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Enterprise Technology Management Platform

Oomnitza is an agentless solution for managing all your enterprise technology — including endpoints (servers, laptops, mobile devices, monitors, peripherals, and accessories), software (desktop, cloud, virtual machines), network devices, and users. With Oomnitza's Enterprise Technology Management solution, organizations achieve total visibility into their technology inventory and a unified way to orchestrate and automate IT, security, compliance, and audit processes across the technology lifecycle.

Business Challenge

The primary challenge for today's enterprise is being able to track the entirety of their IT infrastructure in a complete and contextualized manner. Assets are managed and tracked by what they are (hardware, mobile, software, cloud, accessories, etc.) in separate and disconnected data silos. There is an urgent need that crosses multiple functional lines (security, operations, compliance, etc.) to have a unified view of all assets in the context of use. This is particularly magnified by an accelerated move to the cloud, a hybrid work model, and as a result, an expanded attack surface. Without actionable, integrated visibility into inventory and usage, several downstream effects occur, including

Security

Risks associated with not knowing the exact location and security profile of assets, which opens up the enterprise to potential breaches

Operations

Having visibility into existing inventory eliminates unnecessary spend on both hardware and software assets

Compliance & Audit

Not knowing the precise location/disposition of assets and their association can lead to non-trivial compliance fines

Experience

Ensuring employees have the right system configuration at the right time accelerates and optimizes the employee experience

Key Benefits

- **No rip and replace.** An agentless system which works with your existing IT investments.

- **Unified view.** Integrate across previously disparate data sources to gain actionable context.

- **True visibility.** Complete and immediate clarity across your entire IT infrastructure.

- **Increased security.** Immediately identify gaps in your potential attack surface.

- **Audit ready.** Automate compliance verification and audit tasks to reduce manual processes.

Key Features

- Integrates with a wide variety of systems and technologies to present a unified view of information.

- Track assets from the time of purchase to end-of-life to manage the complete lifecycle.

- Flexible data model enables you to define any number of custom fields and map in data from any source.

- Event-driven architecture allows you to take almost any action, and automate almost any task, from criteria you set.

- Achieve comprehensive, accurate, and actionable insight to your entire enterprise technology estate.

Solution Overview

Oomnitza's platform is agentless (no additional footprint), and is designed to work with your existing IT infrastructure (no rip and replace). We offer bi-synch API integration with your existing data silos to update and integrate across previously disparate sources such as ITAM, MDM, SAM, UEM, or CMDBs. This information is updated continuously and aggregated into a role-based dashboard that offers a single, integrated source of truth. We create automated workflows that can be triggered by preset conditions and events, allowing you to scale quickly and effortlessly.

Differentiators

1. **Multi-source visibility and asset intelligence** that provides a unified system of record for all technology assets and breaks down information silos to better align teams across the organization

2. **Agentless SaaS solution that leverages existing best-of-breed** management, security, and procurement systems for a frictionless deployment without rip-and-replace

3. **Built-in and customizable no-code workflows** to automate and operationalize lifecycle processes across IT, security, compliance, audit, HR, and finance (and reduce manual effort)

4. **Out-of-the-box best practices and analytics** for faster time to value across lifecycle management, resource optimization, security, audit, and compliance use cases

5. **Extensive integration catalog, flexible data model, and open APIs** for rapid deployment and efficient data aggregation, correlation, and normalization across information silos

6. **Scalable, enterprise-grade solution** through automated workflows driven by bi-synch integrations with an extensive ecosystem of integration partners, offering seamless and rapid scalability across a wide range of business needs

Key Capabilities

1. **Unified Visibility.** Real-time, comprehensive cross-silo visibility into your entire IT estate. Know who has what where at a glance.

2. **Lifecycle Management.** Automatically manage all assets as they move through procurement to securing, service, and offboarding.

3. **Workflow Automation.** Set triggers to create automated workflows against complex sequences such as off-boarding and asset/license reclamation.

4. **Rapid integration.** Oomnitza provides API level integrations across a diverse IT ecosystem, working with your existing best-of-breed IT investments.
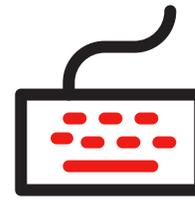
Module Extensions

Hardware

Automatically track and manage all hardware assets, including laptops, mobile devices, servers, and networking infrastructure.

Software

Manage licenses and access rights at the individual and group levels for cloud, Virtual Machines, desktop software, and SaaS applications.

Accessories

Track and manage all the secondary items that are normally maintained by IT.

Technology Integrations

Oomnitza leverages an extensive inventory of bi-synch data sources that is growing rapidly. We integrate with the IT industries leading technology companies across a wide variety of verticals.
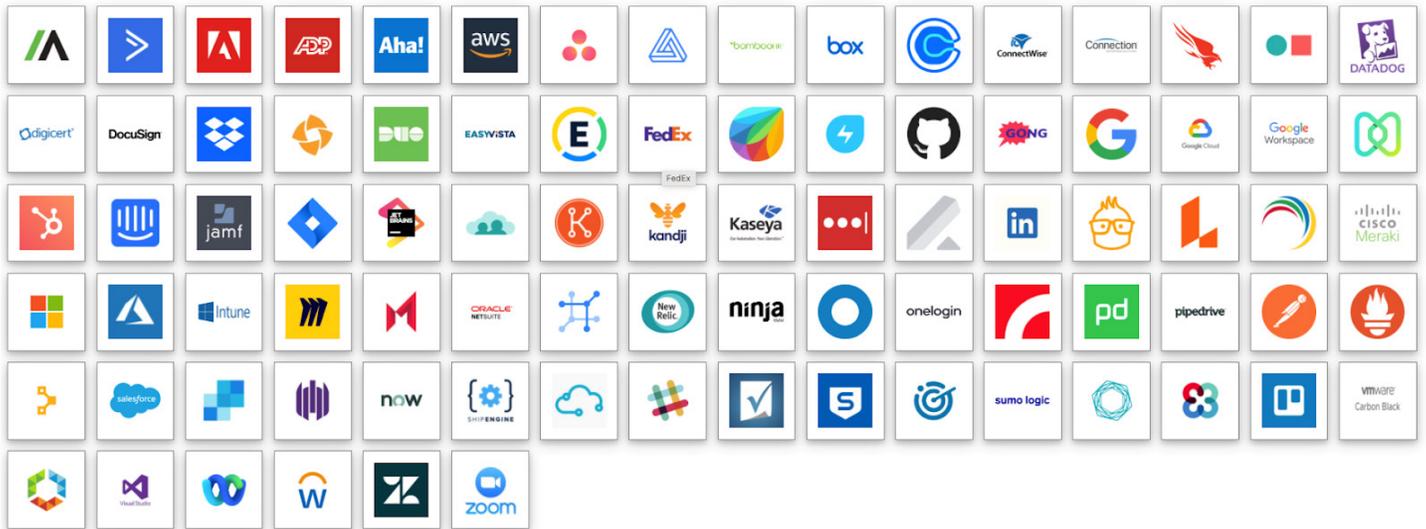

Fig.1 Current Oomnitza integrations

Integrations address hardware, software, SaaS, User Loads, and Role blocks (ability to define workflows based on user requirements). Most integration sources include a broad range of presets (specific integration points that are ready to go). The Oomnitza platform supports more than 600 integration points across 100+ technologies.

Platform Architecture

- Our Webserver acts as a reverse proxy and sits in front of our application. When a user accesses Oomnitza, their traffic routes through the webserver to the application server. The webserver handles SSL encryption, configured ports (e.g. 443 and 80), rewrites insecure HTTP traffic to HTTPS, and enables routing to the micro-services running on the instance.

- In-memory data structure storage for server-side caching.

- Our underlying database is a leading open source relational component (in most cases hosted on EC2, for select accounts it can run on RDS).

- We use an open source Vault application for secure, in-transit, and at-rest encryption of integration source credentials, which are used for integrations, data loads, or API blocks/workflows.

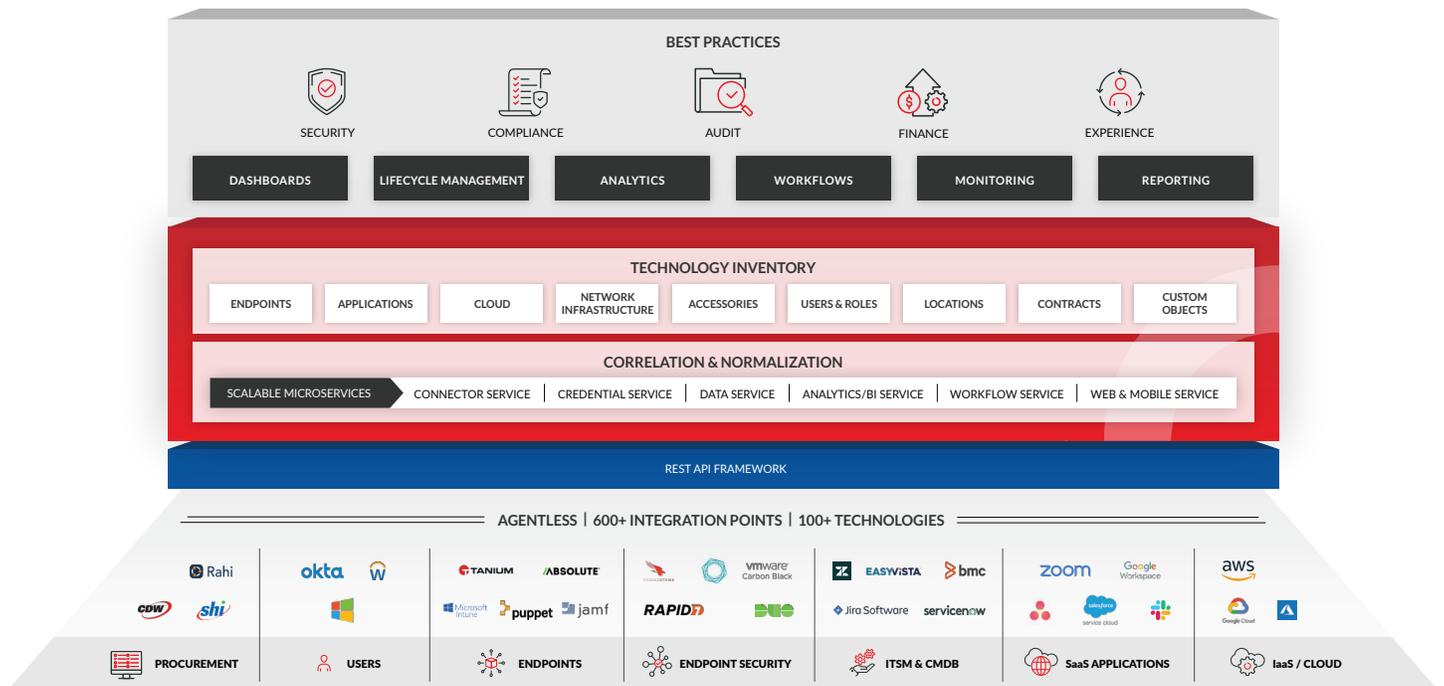- Our secure public cloud instances use open source components to run our applications and services.

Fig.2 Oomnitza's architecture is open source, technology agnostic, and built to easily work with your existing infrastructure

About Oomnitza

Oomnitza offers a versatile and automated Enterprise Technology Management platform that delivers multi-source visibility and control across endpoints, software, infrastructure, and cloud. Our SaaS solution, with rapid integrations, best practices, and no-code workflows, allows enterprises to leverage their existing systems to gain unified asset inventory analytics, standardize lifecycle processes, and ensure security and compliance. We help some of the most well-known and innovative companies to optimize business resources, mitigate cyber risk, expedite audits, and fortify digital experience. See Oomnitza in Action!

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Schedule a solution demo to see what powerful Enterprise Technology Management can do for you.
www.oomnitza.com