

MICROSOFT SAM · PURPOSE BUILT

Microsoft Licensing Intelligence

PURPOSE-BUILT MICROSOFT SAM FOR ORGANISATIONS OF ANY SIZE

Aiyoda provides a specialised Software Asset Management (SAM) solution designed for organisations to manage complex Microsoft environments without the heavy overhead of traditional tools. It offers agentless, on-premises deployment and M365 API integration, ensuring data security while providing continuous insights into both M365 and on-premises software licensing.

Automated Device and User Baseline

Multi-Tenant Platform

Effective Deployment Position

Actionable Insights

SaaS Bloat Management

M365 Usage and Log Analytics

Live Data Feeds

M365 Spend Intelligence

Centralised Intelligence Hub

Dynamics 365 F&O Optimisation

Power Platform Usage

Copilot User Adoption



ON-PREMISES



SAAS APPLICATIONS



Licence Compliance



Usage Monitoring



API Integration



Cost Optimisation

TWO SPECIALISED MODULES, ONE UNIFIED PLATFORM

Inventra

Hybrid Software Asset Management

Inventra is a specialised SAM solution designed to track software-deployments, providing an end-to-end Effective Deployment Position (EDP) across enterprise IT environments. It is built to handle complex licensing scenarios, including Microsoft SQL Server and virtualised infrastructure, supporting ongoing cost optimisation and audit readiness.

Spectrum

Microsoft 365 Optimisation

Spectrum for Microsoft 365 is an automated service designed to analyse Microsoft 365 licensing and usage to identify opportunities for right-sizing. It provides continuous monitoring of tenant activity and highlights opportunities to reclaim, reallocate, or downgrade licences, supporting cost efficiency and improved return on existing investments.

Centralised platform providing Microsoft licensing intelligence across the entire IT estate.

Aiyoda is purpose-built for organisations with complex Microsoft licensing requirements. It integrates directly with the existing organisational infrastructure, delivering a current state view of the Microsoft deployment position to support license compliance remediation, budgeting and contract renewals.

Continuous Deployment Visibility

Constructs and maintains the Effective Microsoft Deployment Position across all licensable software titles, SQL Server instances, and virtualised environments.

Identifies and Eliminates Waste

Pinpoints inactive subscriptions, over-provisioned accounts, and consolidation opportunities across hybrid environments.

Supports Contract Renewals

Supports contract renewals and audits with reliable data to enable informed decisions and a defensible deployment position.

How Aiyoda Works

1

Install & Configure

The Aiyoda console is configured on a designated server or workstation. Data sources are connected using existing administrative credentials. No endpoint agents are required.

2

Discover

Aiyoda's lightweight scanning capability collects rich hardware and software data across the environment and integrates with multiple enterprise systems to construct a complete view of the Microsoft deployment estate.

3

Report & Visualise

Interactive dashboards present the Effective Deployment Position, licence waste analysis, and cost optimisation intelligence derived from Aiyoda's embedded Microsoft licensing engine.

WHY AGENTLESS?



Zero Endpoint Deployment

No software is deployed to user devices or endpoints. Aiyoda operates by querying the existing Microsoft infrastructure directly, removing the deployment overhead and long-term maintenance costs associated with agent-based SAM platforms.



Data Security

Discovery, reconciliation, and analytics are processed within a controlled, secure environment. This ensures sensitive licensing and infrastructure data remains protected across high-security environments and regulated organisations.



Quick Deployment

The absence of endpoint agents eliminates the primary deployment bottleneck of traditional SAM implementations. Aiyoda is typically operational within minutes of installation, with deployment visibility available almost immediately.

DISCOVERY & DATA COLLECTION

Aiyoda collects and reconciles multiple data sources to construct a complete and accurate view of the Microsoft deployment estate.

Active Directory

User and device baselines

MECM/SCCM

On-premises scanning and inventory

M365 Graph API

Entra ID, usage and Power Platform

Microsoft Intune

Managed device scanning and inventory

Windows Client and Server

Software and hardware inventory

Integrations

VMware and multiple other connected ITSM platforms

HYBRID SOFTWARE ASSET MANAGEMENT

Inventra provides ongoing software discovery and data reconciliation across hybrid environments, delivering the visibility required to support informed investment decisions and compliance risk management.



Estate Overview

The Main Menu and Actions Overview provide a high-level view of your Microsoft licensing estate, highlighting key actions, compliance risk indicators, and outstanding remediation items. The Executive Overview presents a structured summary designed for IT management.



Device and User Benchmarking

Inventra's device and user benchmarking capability establishes a clear baseline of an enabled and active device estate. Device benchmark displays operating system support status and platform distribution. User benchmarking evaluates account activity, identity hygiene and UAC state.



Software and Hardware Inventory

Installed software across all devices, including application distribution by publisher, version detail, and classification of licensable versus non-licensable software. Hardware Inventory records device manufacturers, models, IP addresses, serial numbers, and storage capacity.



Effective Deployment Position

An accurate Effective Deployment Position (EDP) across three dimensions: Licensable Software, Host Licensing, and SQL Server version and edition. Each dimension produces a complete, exportable compliance report detailing deployment counts per title and host level licensing.



Recommendations Engine

Recommendations are classified by severity - Critical, High, Medium, and Low, highlighting the affected asset count and savings category for each item. This approach supports structured prioritisation based primarily on compliance risk and operational impact across the subscription and licensing estate.

FULL INVENTORY COVERAGE

Software Inventory

Comprehensive installed software records across all devices, covering application distribution by publisher, version detail, and classification of licensable versus non-licensable titles.

Hardware Inventory

Physical and virtual hardware asset records including device manufacturer, model, IP address, serial number, storage capacity, and core specifications. Supports complete asset lifecycle tracking from deployment through decommission.

Virtual Machines and SQL Servers

Host-to-VM mapping consists of operating system, VM count, deployment status, processor count, core allocation, and cluster membership. SQL Server views consist of product version, edition and licensing requirements.

PORTAL ACTIONS



View and manage Effective Deployment Position reports across software, host, and SQL Servers.



Review cost optimisation recommendations classified by severity with estimated annual savings impact.



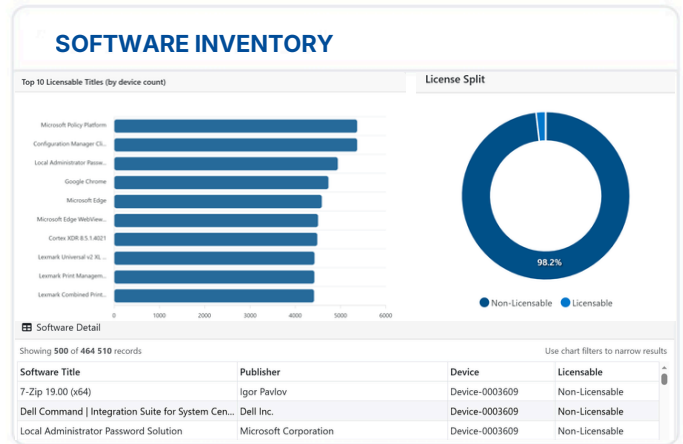
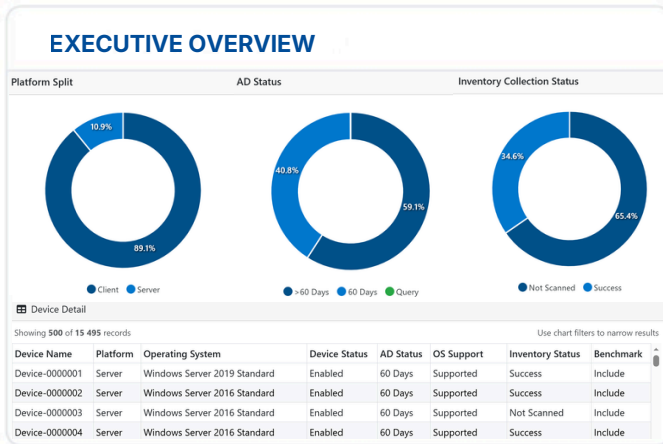
Import asset data from external sources and export inventory records for reporting or external analysis.



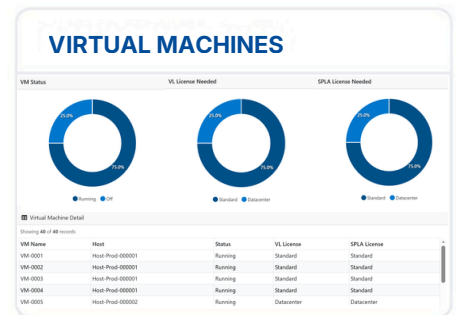
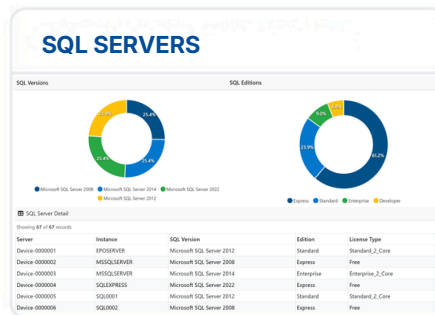
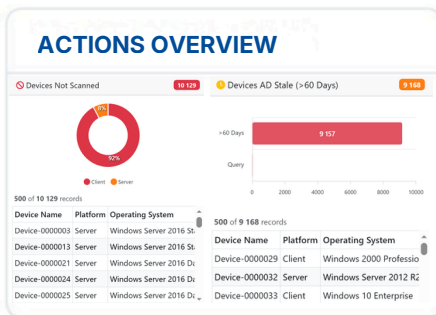
Access accurate and complete Microsoft deployment data.

Inventra Visualisations

Delivers visualisations spanning the full technology estate, from consolidated high level overviews to granular licensing detail.



Actions Overview presents actionable insights across the estate, highlighting devices not scanned, stale devices and users, unsupported operating systems and disabled accounts. Each view links directly to the underlying data to support immediate remediation planning.



BUILT FOR ONGOING SOFTWARE VISIBILITY AND RELIABLE DATA

Inventra is purpose-built for organisations managing complex Microsoft software environments. By maintaining a continuously updated, reconciled deployment record, Inventra provides IT and infrastructure teams with the accurate, current data needed to support informed decisions at every stage.

WHO IT'S FOR

IT & INFRASTRUCTURE

IT and infrastructure operations teams managing Microsoft software across complex, multi-site environments.

SOFTWARE ASSET MANAGEMENT

SAM teams requiring accurate, continuously reconciled deployment data across the Microsoft estate.

IT RISK & GOVERNANCE

IT risk and governance teams seeking reliable visibility into software deployment position and associated compliance exposure.

MICROSOFT 365 LICENCE OPTIMISATION

Microsoft 365 represents a significant and ongoing component of IT spend, with costs continually changing as tenant usage evolves. Spectrum equips IT teams with reliable usage insight to maintain an accurate view of subscription consumption, identify optimisation opportunities, and approach each renewal cycle with current, validated data.



User and Device Benchmarking

Spectrum's device and user benchmarking capability establishes a clear baseline of an enabled and active device estate. Devices display operating system support, platform distribution, and compliance posture, while user benchmarking evaluates account activity, identity hygiene, and directory state. Together, these benchmarks support effective Software Asset Management and ongoing licensing defensibility.



Sign-in and Audit Logs

Sign-in logs present authentication activity across the tenant, including geographic access patterns and failure classifications, enabling security anomalies to be identified before escalation. Audit Logs provide a structured record of administrative activity by category, initiating user, timestamp, and affected resource.



M365 Workload Usage Analytics

Usage analytics across all major M365 services - OneDrive, Exchange, SharePoint, Teams, and Copilot. Each view presents active versus inactive account counts, storage consumption, activity trends over time, and service-specific metrics to support right-sizing decisions and adoption monitoring across the organisation.



Recommendations Engine

Spectrum identifies licence and security recommendations organised by category: Licences, Users, Devices, and Security. Each item displays the affected account set, the nature of the compliance or cost issue, and an estimated monthly financial impact. This enables prioritisation based on cost efficiencies and risk exposure.

WORKLOAD COVERAGE

Microsoft 365 FinOps

Delivers comprehensive insight into Microsoft 365 licence consumption and cost efficiencies. This includes identifying unassigned and orphaned licences, over provisioned workloads, inactive users, and licence allocation by department and geography. It also supports workload adoption tracking, external access review, and Copilot governance.

OneDrive and Exchange Usage

Per-user storage utilisation, deleted account status, active file counts, mailbox item volumes, and last activity dates. Identifies accounts consuming storage entitlements without active use.

Teams and SharePoint Usage

Teams call volume, meeting count, private message activity, and deleted team records. SharePoint presents storage allocated versus consumed, deleted site records, and per-site activity status.

Copilot Usage and Power BI Governance

Copilot adoption rate, active versus inactive licensed user counts, and feature-level usage across Chat, Teams, Excel, and PowerPoint. Power BI Workspaces, Reports, Dashboards, and Activity views that support analytics.

PORTAL ACTIONS



Connect Spectrum to M365 Graph API to support data collection.



Connect Spectrum to M365 Power BI API to collect workspaces, dashboards, reports and activity views.



Review M365 licence recommendations presenting affected accounts, estimated monthly savings, and assigned priority classification



Export usage and licence data for stakeholder reporting or external cost analysis



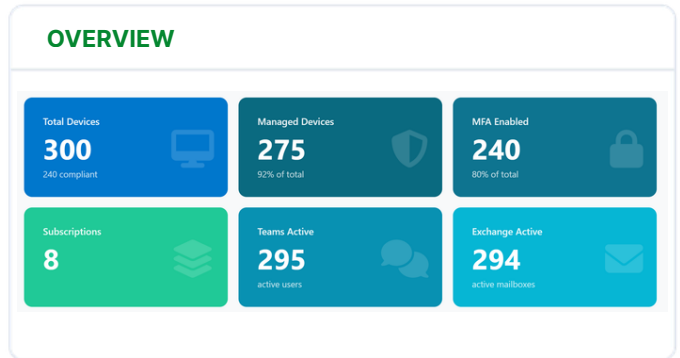
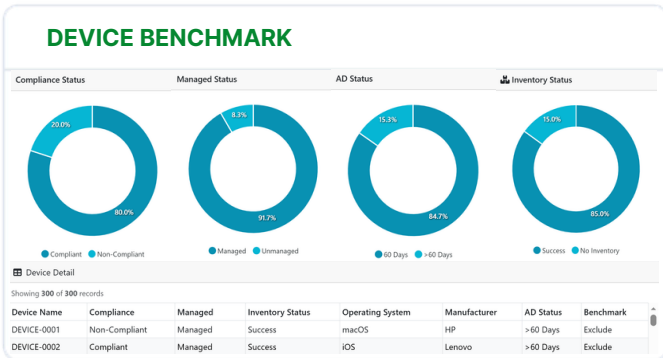
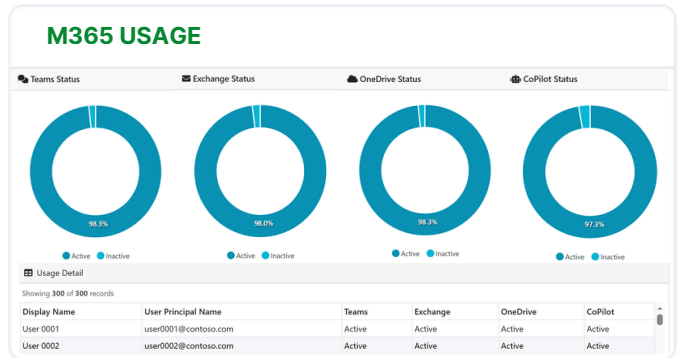
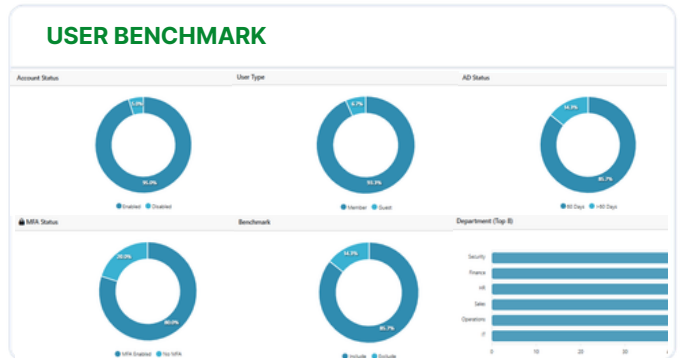
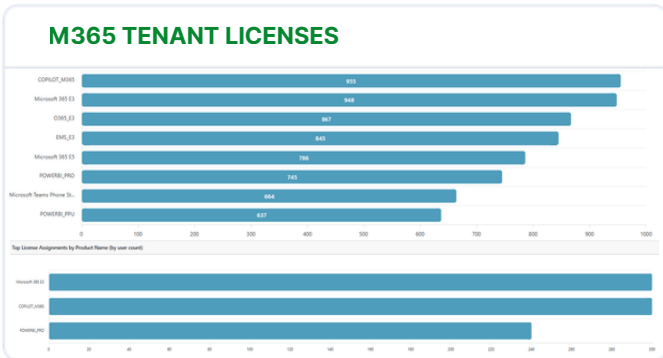
Interactive visualisations across the full M365 stack, from license allocation through to usage and adoption.



Visibility into M365 estate, uncovering unused subscriptions, optimisation opportunities, and Copilot governance.

Spectrum Visualisations

Visualisations across the full Microsoft 365 stack, from license allocation through to usage and adoption.



Spectrum Recommendations are categorised across: Licences, Users, Devices, and Security. Each recommendation shows total affected items, impact category, estimated annual savings, and provides actionable items. Recommendations refresh on demand - data is always current.

FULL M365 COVERAGE
 Tenant Licenses, User Benchmark, Device Benchmark, Sign-in Logs, Audit Logs, OneDrive, Exchange, SharePoint, Teams, Copilot, and Power BI governance views.

RECOMMENDATIONS BY TYPE
 Licences, Users, Devices, and Security. Each recommendation includes affected item count, savings figure, and specific recommended actions with data analysis steps.

MICROSOFT 365 FINOPS
 Provides clear visibility into Microsoft 365 licence usage and cost efficiency, identifying unused and over provisioned licences, workload adoption and Copilot governance.