



# RAYVENTORY®

The most comprehensive  
Solution for Discovery and  
Inventory of Software  
and Hardware



**RAYVENTORY<sup>ad</sup>**

Software Recognition



**RAYSAMi**

License Management

•**rayNET**



# RAYVENTORY®

## Smarter Software and Hardware Inventory

The IT landscape of any enterprise is changing rapidly.



Discovering what software applications and what licenses are installed in your company is not an easy task.

It is however a necessary step to perform in preparation for an OS migration or for an audit. Organizations today often have geographically distributed office locations, some of which have restricted network access due to security or plain logistics. Work councils and data protection rules can also hinder the collection of data in large enterprises.

All these factors make it difficult for IT administrators to perform software application discovery, which is crucial when starting a software asset management project or when faced with an audit.

Companies typically have to revert to manually scanning their devices, which then becomes a never-ending, expensive task with often inaccurate results.

RayVentory offers comprehensive hardware and software scans either with an agent or through zero-touch agentless technology. It is a web or USB-pen drive which enables the discovery and inventory of computer devices, VMware, Hyper-V hosts, and Oracle database instances. It provides a smart scan and data gathering of physical and virtual devices at low costs as well as comprehensive reports about hardware, software, VMware, Hyper-V, OpenStack, and Oracle database servers. In addition, RayVentory removes barriers of complex IT infrastructures/data centers and possible limitations of the Work Councils allowing data gathering initiated by the end user himself (privacy).

### Benefits

#### Zero Touch Inventory

- One solution to discover all devices - from desktops to switches
- Oracle, VMware, Data Center, ServiceNow, OpenStack, Windows Server & Clients, IOS, Linux, Unix, Mobile Devices

#### Various collection methods

- Agent-based and agentless inventory of desktops and server systems
- RayVentory2go with USB pen drive – enables the discovery of unmanaged or disconnected devices

#### Enables compliance

- Better preparation for software audits through accurate and up-to-date overview of software assets
- Customization possible to meet security requirements

#### Saves time and administrative overheads

- Ability to schedule scans periodically, available 24/7
- Remote discovery possibility
- Inventory of network devices

# Method

## RayVentory

## SAM Solution



### Inventory

- Hardware
- Software
- Oracle DB Servers
- Virtualization
- OpenStack



### Methods

- Network/Online Inventory
- Remote execution
- Offline Inventory eg. USB stick
- Agentless/zero touch inventory



### Repository

- RayVentory Database  
**or**
- RayManageSofti Database



### Reporting

- Computer
- Cluster
- Hosts
- Database



### Balance Sheet

- RaySAMi or alternative SAM tools

## RayVentory Components



## RAYVENTORY<sup>®</sup>ad

### Unique Differentiators

#### Zero Touch Inventory

for every unmanaged device collecting inventory data on file share, web or USB pen drive: Even highly secure devices can be scanned to allow you to work around the issue of collecting information from devices which are not connected to the network and to remain compliant with Data Protection regulations by not placing any agent on the end-users device.

#### vSphere and Hyper-V Inventory Management

inventory data collection locally or remotely without the need for a direct network connection to virtualization host/vCenter servers. With this feature, you can collect details about a virtual environment or standalone ESX servers.

#### Oracle Inventory

data collection can be scanned locally or remotely without the need of a direct network connection to Oracle databases. This allows you to collect and store Oracle inventory details in one central place. During an Oracle audit, various scripts need to be executed on each Oracle database, which can become a very time-consuming process. This feature allows collecting such details on a regular basis almost effortlessly.

### RayVentory Advanced

#### Software Recognition

RayVentoryAdvanced is an extension module of RayVentory. This extension provides in-depth software recognition by identifying the software raw data delivered by RayVentory.

The software is an integration of database objects in the corresponding inventory solution. During setup, all tables and procedures are created, which are functionalities. The software for all relevant clients is calculated and cached using just one procedural execution.

#### Product Recognition

The product recognition definitions are created by a specialized team. Your inventory is compared with the existing recognition rules.

#### Evaluation

The calculated software contains information about the software vendor, product version and edition, license type, and upgrade and downgrade paths. The calculation creates a list which maps software and client.



# RAYSAMi®

## Software License Management

RayVentory in association with SmartTrack from ASPERA

The installation of software requires to comply with specific license terms and conditions. And every license that doesn't find its way into license management – and whose product use rights are consequently not accurately catalogued – prohibits efficient planning and ultimately undermines the value of SAM while simultaneously increasing the risk of failing a software audit.

With RaySAMI, a clever combination of Raynet's RayVentory inventory solution and Aspera's SmartTrack license management tool, companies are able to gain control of their increasingly sprawling software portfolios. Specifically developed to nimbly integrate into mature processes and meet the complex requirements of global enterprises, Ray-SAMI equips ITAM and ITSM with the data and processes needed to meet the demands of the consumerization of IT and seamlessly integrate the realms of Virtualization, BYOD, and Cloud Computing with SAM. Designed to specifically meet the demands of globally operating enterprises, RaySAMI is the first license-centric catalogue-based technology which tracks and manages licenses against a backdrop of complex metrics and contract data.

Integrating all systems relevant for the SAM process – from the electronic shopping cart, to enterprise app stores and automatic software deployment, to ITSM, ERP and cost allocation – RaySAMI is expertly designed to:

- Scan physical and virtual devices on managed or unmanaged networks, including virtual servers
- Map the license and contract models of all publishers
- Involve all software suppliers and resellers in the license management process

- Manage licenses, entitlements, updates, certificates, maintenance and contracts worldwide
- Establish connections to all IT Asset Management, CMDB and discovery/inventory tools
- Integrate every ERP and procurement/spend management solution via Web Service
- Configure processes according to enterprise needs
- Maximize investments thanks to unlimited scalability

### RaySAMI as a Service

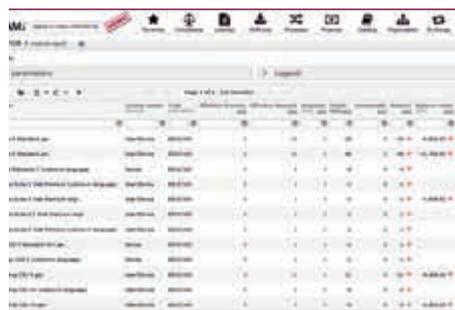
With RaySAMI as a service we provide the complete license management solution as a managed service. As a result you will get an actual status about your license compliance situation at any time.

Instead of investing a huge amount of money in SAM infrastructure and knowledge you can leverage our expertise so that you can concentrate on your core competences.

Raynet will help you to optimize your license position.



Dashboard



Compliance



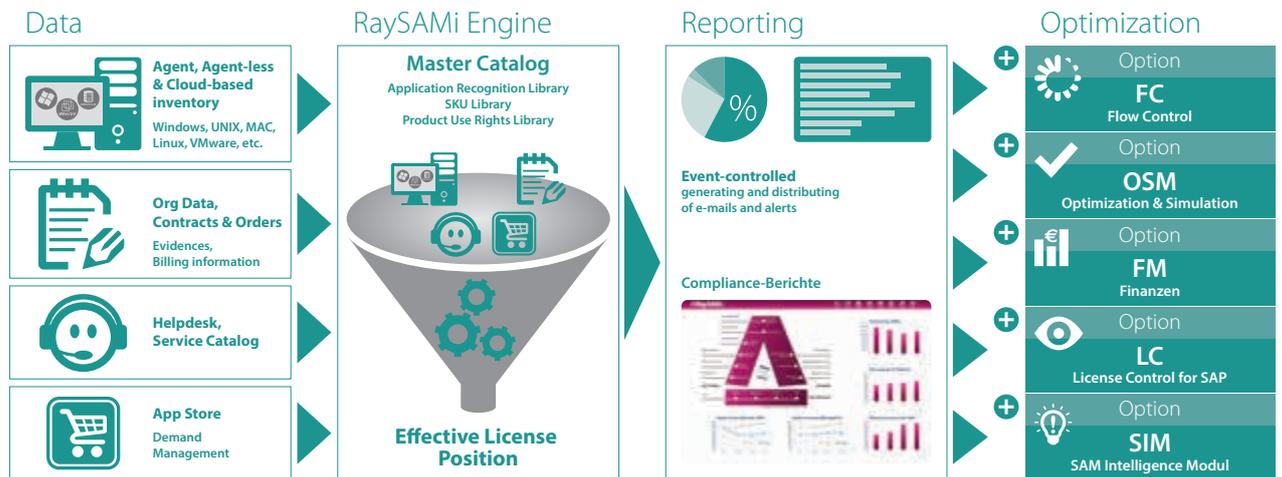
Compliance



# RAYSAMi®

## Software License Management

RayVentory in association with SmartTrack from ASPERA



## RaySAMi Components

### Inventory

- Intelligent software and hardware inventory done by RayVentory

### SAM Intelligence Module

- Identify opportunities and risks that exist in your software environment with the help of historical reports and trend analysis
- Forecast your budget for future quarters/years
- Calculate your future software usage
- Optimize your contracts by taking into account all information on software usage and existing licenses

### Data Management

- Customizable Dashboard with dynamic Management Widgets
- Cost clearing
- Freely definable cost allocation keys and rules for depreciation costs

### License Control for SAP

- Appropriate and cost-reduced licensing of SAP systems
- Centralized availability of information about SAP licenses and types
- Reduce the need through user consolidation
- Requirement calculation per employee
- Adjustment of the type of the license to the actual needs of each employee
- Automated licensing according to the customer specific SAP contracts

### Contract Management Module

- Administration and communication of framework agreements for license procurement even in complex organizational structures
- Monitoring of the current usage rate of the agreed quotas
- Active contract management based on license agreements of control and analysis functions

### Optimization and Simulation

- Static compliance reports are transformed into a dynamic projection of an optimized target scenario
- Support of decision making for continuous optimization of licensing and infrastructure costs

### Master Catalog

- About 345,000 unique product use rights (PURE)
- Unique pricing mechanisms for more than 40,000 products
- Over 300,000 unique SKU numbers
- On average of more than 90% correct recognition of all products in relation to their respective SKU

### Flow Control

- Powerful process framework and workflow engine
- Analysis and assignment of the current license assets, generating order requests, transmission to purchasing, message of the new status to the software deployment and IT service management

- Development of a real-time image of the entire process

### Finances

- Supplement of the compliance consideration to the cost perspective
- Flexible, graphical representation of the IT costs through the integrated reporting engine
- Chargeback and showback of all software-related costs
- Fast implementation of customized charts and dashboards

### License Management

- Assignment of license and contract models of all manufacturers
- Involve all software suppliers in the license management process
- Establish connections to all asset management and discovery/inventory tools
- Integrate every ERP solution via Web Service
- Manage licenses, updates, certificates, maintenance and contracts worldwide
- Configure your processes according to your company's needs
- Maximize your investment thanks to unlimited scalability
- As a web application available throughout the company



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## About Raynet

Raynet GmbH is a leading and innovative service and solution provider in information technology and specialized in the architecture, implementation and operation of all tasks within "Application Lifecycle Management". Raynet's Headquarters is in Germany and presently has additional locations throughout Germany, the USA, Poland, UK and the Netherlands.

Since almost 20 years, Raynet has supported hundreds of customers and partners with its products and solutions for enterprise application management projects worldwide. These include license management, software packaging, software deployment, migrations, client engineering and much more. Additionally, Raynet maintains and cultivates strong partnerships with leading companies in Application Lifecycle Management.

Raynet products and solutions are unique in design and functionality. Their development is highly driven by our customers and partners who play a big role in the development of our products and are a key reason why our products are always cutting edge. Whether you want to introduce a new deployment tool or to start a SAM project, whether you want to plan a packaging factory or do a migration – Raynet is the choice for best-of-breed-practices in services, products, and solutions for Application Lifecycle Management.

## Next Steps

For more information, please visit our website: [www.raynet.de](http://www.raynet.de) or contact our sales team on +49 5251 54009-0 or [sales@raynet.de](mailto:sales@raynet.de)



Enterprise Application Lifecycle Management