ivanti

Ivanti Neurons for Spend Intelligence

Agenda

Introduction to Spend Intelligence

- What is Ivanti Neurons for Spend Intelligence?
- How does it work

Appendices
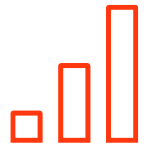
- Architecture
- Extended feature information

What is Ivanti Neurons for Spend Intelligence?
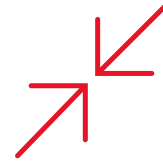
Ivanti Neurons for Spend Intelligence

Target

IT managers and other IT team members with a **broad range of different responsibilities,** that also includes software asset management.

Problem

The number of software titles is growing rapidly, and it's hard to keep track of software installs, usage, purchase information, renewals and spend.

Solution

Ivanti Neurons for Spend Intelligence **aggregates installed and used software information with purchase information** and provides insights about software bought and money spent.

Value

Ivanti Neurons for Spend Intelligence helps busy IT teams to **make well-informed decisions quickly.**

How can Spend Intelligence help?

Unique benefits…

Easy to use	Track your purchases	Understand your software usage	Identify savings	Reduce security risks

Easy to use
- Easy and intuitive UI
- SKU and DSL Libraries
- Quick time to value

Track your purchases
- Quickly record and find license or contract info
- Money spend
- Strategic vendors and applications

Understand your software usage
- On-prem Inventory recognition and normalization
- Licensable applications
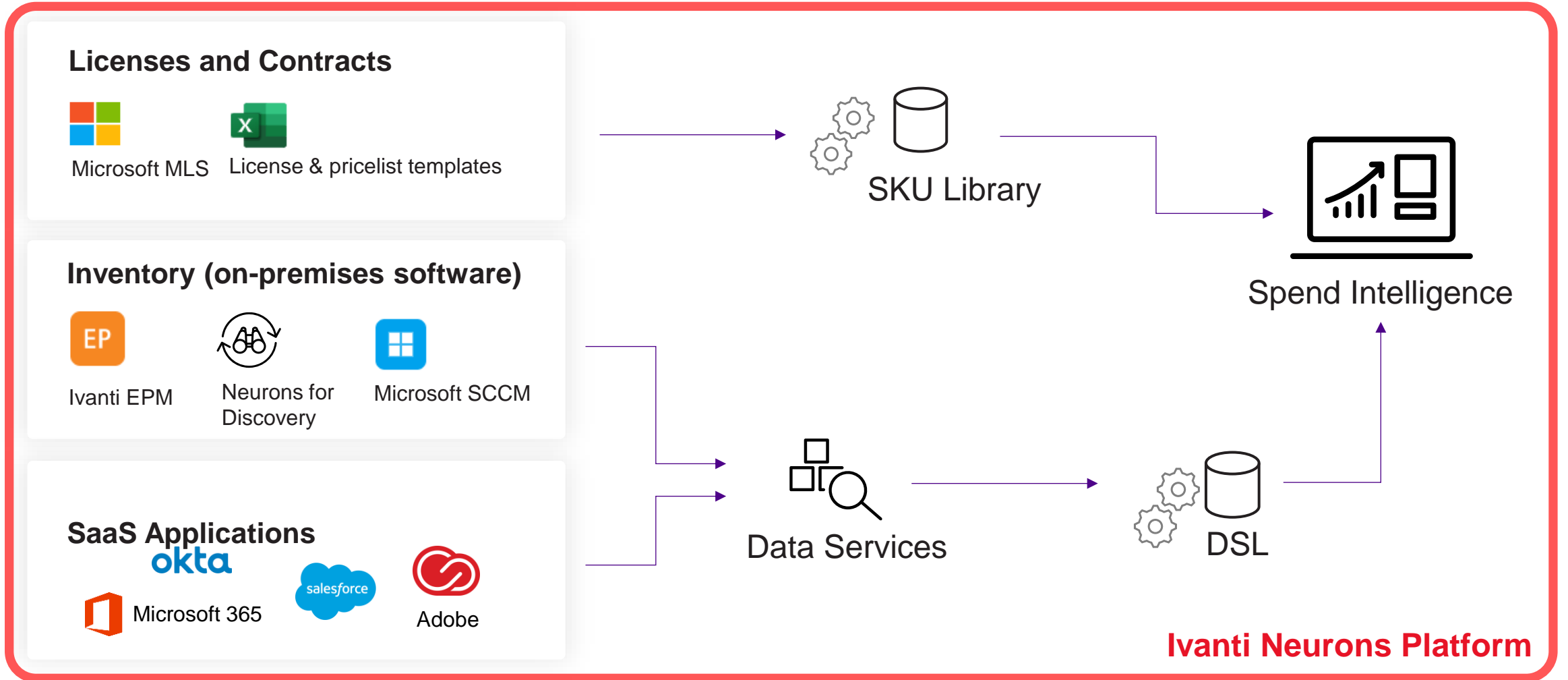- SaaS usage and insights

Identify savings
- Identify unused software and reclaim it
- Avoid missed maintenance and late renewal fees
- Spot expiring contracts early & negotiate better deal

Reduce security risks
- Identify End of Life software used
- Flag and track unwanted software
- Role based access control to manage sensitive data

How does it work?

Ivanti Neurons for Spend Intelligence architecture

Licenses and Contracts

Microsoft MLS   License & pricelist templates

Inventory (on-premises software)

Ivanti EPM   Neurons for Discovery   Microsoft SCCM

SaaS Applications

okta

Microsoft 365   salesforce   Adobe

SKU Library

Spend Intelligence

Data Services

DSL

Ivanti Neurons Platform

Supporting recognition services

DSL - Definitive Software Library

Type	Total
Vendors	7,552
Products	82,553
Versions	130,047
Operating Systems	9,670

- DSL links all raw discovered software titles to an appropriate normalized software title.
- For instance, raw data shows
Outlook 15.0 which gets recognized to Microsoft Outlook 2013 product release.

Our DSL supports nearly **83,000 products, more than 9,500 operating systems** and over **7,500 vendors**

SKU Library

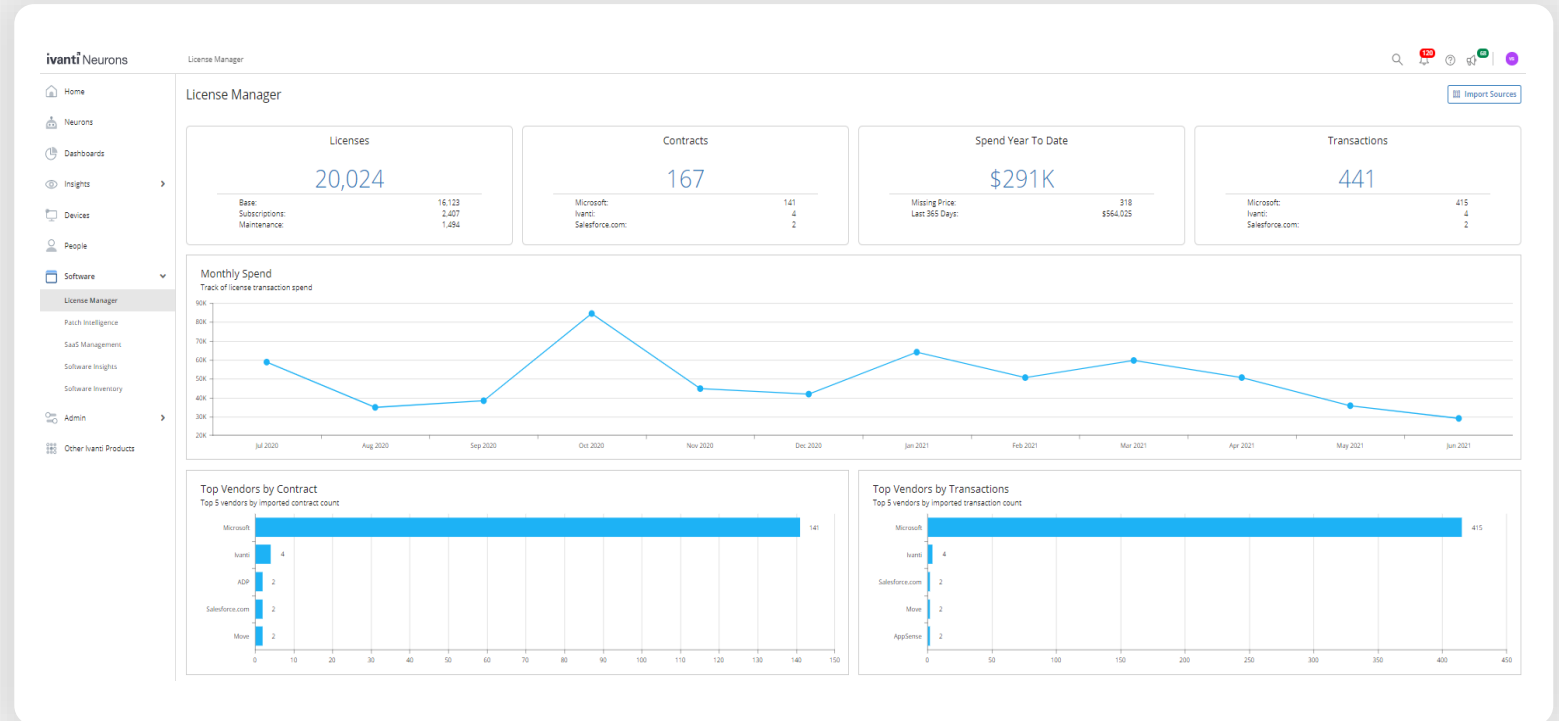| Vendor	Total
Microsoft	48,600
Adobe	146,132
Ivanti	1,336
Oracle	341
VMware	16,017

- SKU stands for Stock Keeping Unit which is used to identify the goods that are being transacted.
- SKU library is a collection of purchasable software titles and prices.
- Having a software SKU library speeds up purchase recognition and increases data accuracy.

Our SKU Library now has over **212,000 SKU records**

Key Features & Functionality

License and contract management

- Renewals and Expirations

- Licenses and contracts

- Spend trends and cost data

- Highlight strategic vendors

- Basic comparison view *

- Product family view

* We calculate an indicative difference between the total licenses owned vs installed. Applicable only for products with device based licensing metric.

We provide insights about installed software

- Split server and client installs
- Identify EOL and Upgrades
- Highlight strategic vendors
- Show licensable software
- Display numbers of installs
- Reclamation opportunities
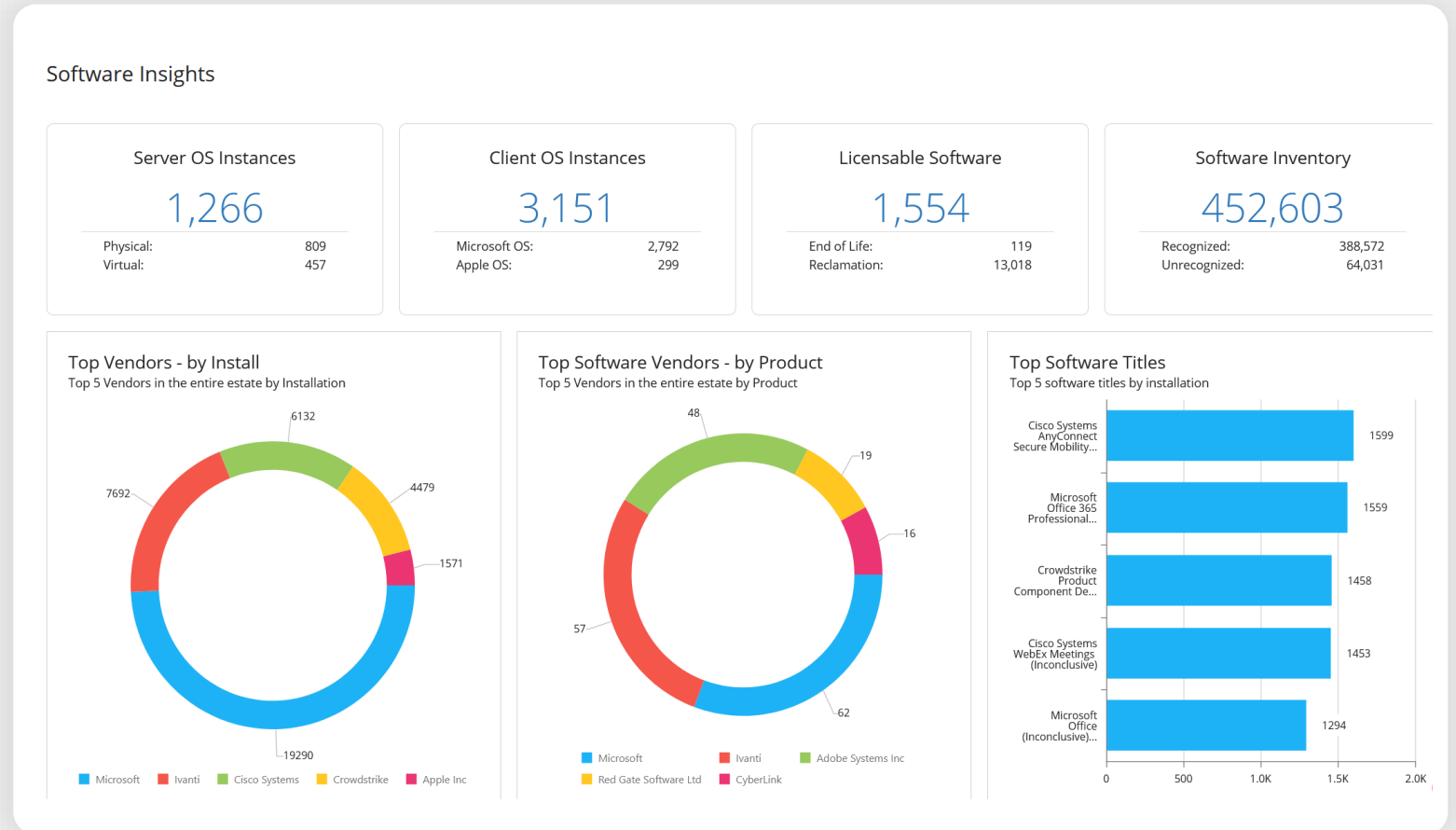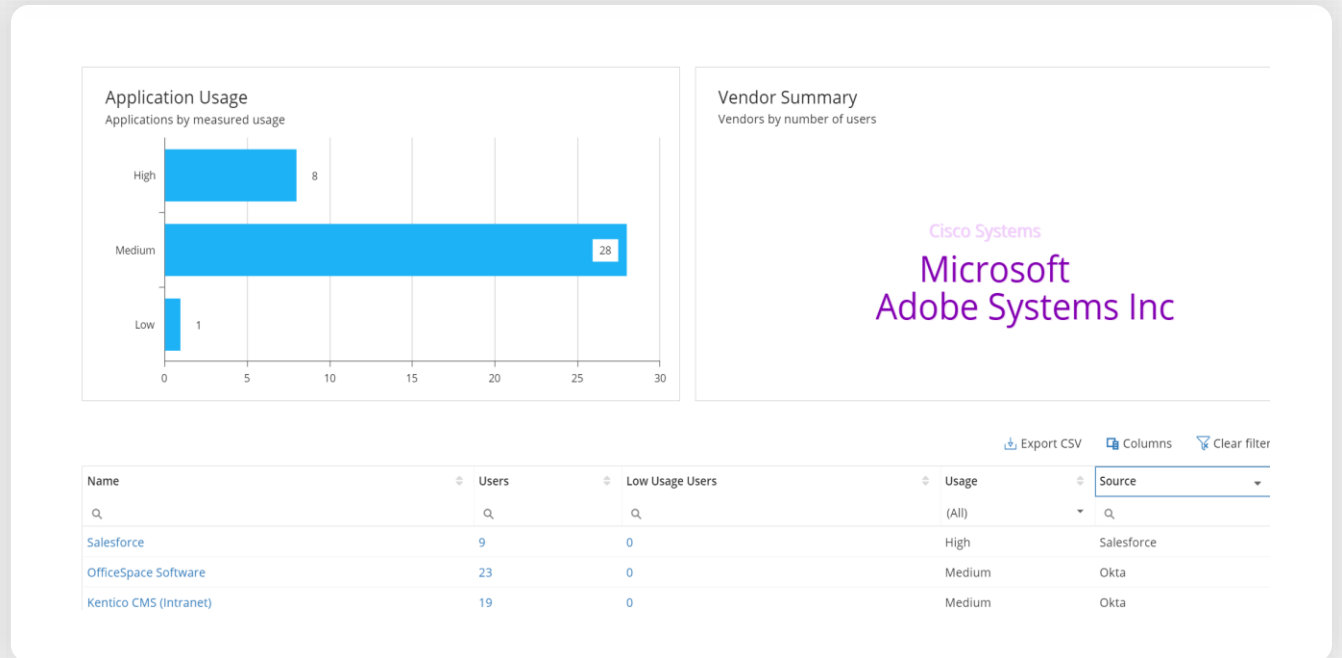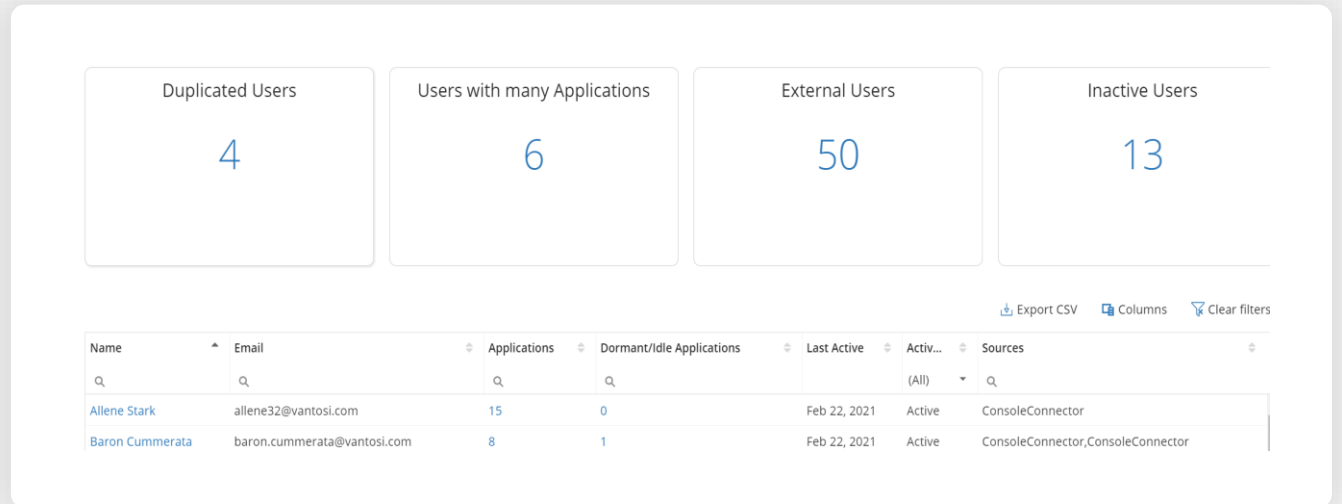
Software Usage and Reclamation opportunities

- Show the chance of software reclamation

- When the software was last time used

- When the device was last time scanned

Reclamation Opportunities

⬇ Export CSV

Display Name	Vendor	Product	Version	Edition	Last Used	Last Scan...	Days Since Used	Reclamation Cha...
SLC-SD-BUILD1	Infragistics Inc	NetAdvantage for .NET	2007		May 11, 2011	Feb 7, 2019	3417	HIGH
BEJ-WENY	March Hare Pty Ltd	CVSNT	2.x		Mar 31, 2011	Apr 15, 2015	3458	HIGH
SBemis-MacBook-Pro	Symantec Corporation	Norton Internet Security	7.x		Jan 29, 2019	Feb 7, 2019	597	HIGH
GL-D01963	Ivanti	Endpoint Security Application Server	4.x		Feb 20, 2019	Feb 20, 2019	575	HIGH
BEJ-BADGE	Microsoft	Office	XP	Professional with...	Mar 8, 2018	Feb 20, 2019	924	HIGH
Jasons-MBP-2	Microsoft	Excel	(Inconclusive)		Feb 19, 2019	Feb 20, 2019	576	HIGH

Insights about your SaaS Users and Applications

- Application usage

- Top vendors

- List of applications

- Number of users

- Duplicated users

- Users with many applications

- External Users

- Inactive Users

Duplicated Users	Users with many Applications	External Users	Inactive Users
4	6	50	13

Export CSV   Columns   Clear filters

Name	Email	Applications	Dormant/Idle Applications	Last Active	Activ...	Sources
					(All)	
Allene Stark	allene32@vantosi.com	15	0	Feb 22, 2021	Active	ConsoleConnector
Baron Cummerata	baron.cummerata@vantosi.com	8	1	Feb 22, 2021	Active	ConsoleConnector,ConsoleConnector

Application Usage
Applications by measured usage

High — 8
Medium — 28
Low — 1

0 5 10 15 20 25 30

Vendor Summary
Vendors by number of users

Cisco Systems
Microsoft
Adobe Systems Inc

Export CSV   Columns   Clear filter

Name	Users	Low Usage Users	Usage	Source
			(All)	
Salesforce	9	0	High	Salesforce
OfficeSpace Software	23	0	Medium	Okta
Kentico CMS (Intranet)	19	0	Medium	Okta

Application usage
Low Usage: =<49% of users are considered Active
Medium Usage: =>50% - =<79% considered active users
High Usage: =>80% of users are considered Active

Video Series: Introduction to Spend Intelligence

[Ivanti Neurons for Spend Intelligence introduction](#)
(6:21 min)

[Ivanti Neurons for Spend Intelligence: SaaS Management introduction](#)
(4:38 min)

[Ivanti Neurons for Spend Intelligence: Software Insights](#)
(4:06 min)

[Ivanti Neurons for Spend Intelligence: License Manager introduction and concepts](#)
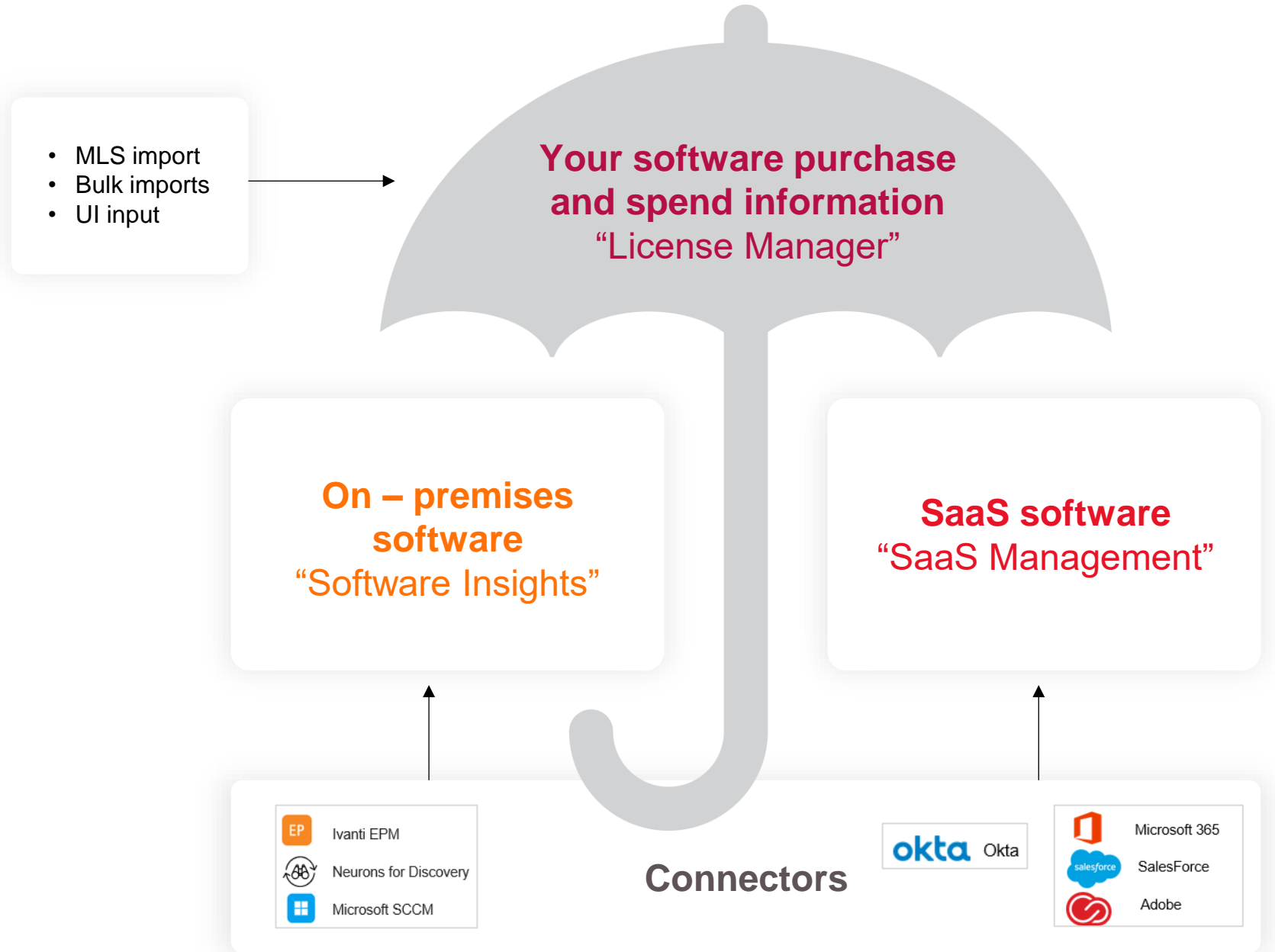(3:31 min)

[More related YouTube videos](#)

Appendix 1 | **Architecture**

Spend Intelligence stack

- MLS import
- Bulk imports
- UI input

Your software purchase and spend information
"License Manager"

On – premises software
"Software Insights"

SaaS software
"SaaS Management"

Connectors

EP Ivanti EPM
Neurons for Discovery
Microsoft SCCM

okta Okta

Microsoft 365
SalesForce
Adobe

SaaS Management Architecture

SSO Connectors
(Mandatory)

+ User records

+ General Usage via Authentication

+ Applications

Spend Intelligence
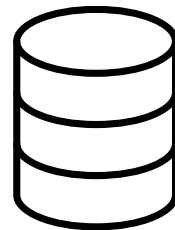
Data Services

Vendor Connectors
(Supplementary)

+ User Entitlements**

+ Allocated vs Available Subscriptions**

+ Additional Usage Data**

+ Service Status**

Microsoft 365

SalesForce

Adobe

Appendix 2 | **Extended feature slides**

We can support 3 different cost types:

RRP (Retail Recommended price) from SKU library ($, £)

Customer specific pricelist

Generic Customer Specific Price Data Import

Generic Excel format with downloadable template

Download template file

Customer specific cost per individual transaction (bulk import or manually input)

Generic License Transaction Import

Generic Excel format with downloadable template

Download template file

Actions ▾

+ Create Transaction

🖉 Edit Transaction

🖉 Edit Notes

🖉 Edit URL Link

🗑 Delete Transaction

License Alignment Feature

Enables SAM Managers to align their license purchases against the software installed.

Customers can now:

- Get a quick walkthrough on upgrade and downgrades adjustment process.

- See any related license purchase transaction history on their fingertips.

- Create upgrade adjustments as needed.

- Create downgrade adjustments to match the installs.

- Users can also add notes to record the reasoning for the adjustments made.

- This can be applied **across multiple vendors** and **products** that have **device** based licensing **metric**.

USE CASE

When it comes to maintaining consecutive software renewal chains, different regions and vendors have inconsistent tolerance levels. License alignment feature allows organizations to apply upgrades in a flexible way and align available licenses against their software installs.

Role Based Access (RBAC)

- Implemented based on early Beta customer feedback.

- Two default roles out of the box available.

- Customer can also create custom roles and use combination of available permissions.

Use Case 1:
SAM Manager wants to protect data from any changes. Junior IT analyst needs to view contract and license transaction information.

Use Case 2:
IT team needs to work with contract and license transaction information, but SAM manager wants to hide cost data from them.

Software Asset Manager role

- License Manager
  - Default Access - With this permission members can view Contract, Transaction and License data.
    - View Cost Data - With this permission members can view License Cost data.
    - Manage License Data - With this permission members can edit Transaction Data and Upgrade
    - Manage Imports - With this permission members can create, run and manage Contract and Lic
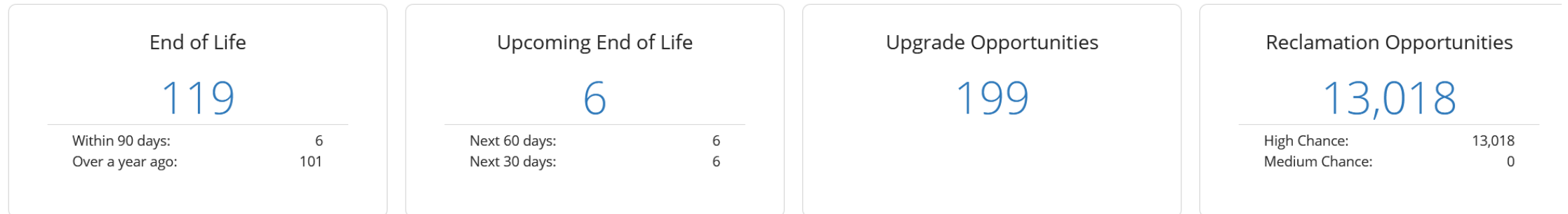
Software Analyst role

- License Manager
  - Default Access - With this permission members can view Contract, Transaction and License data.
    - View Cost Data - With this permission members can view License Cost data.
    - Manage License Data - With this permission members can edit Transaction Data and Upgrade
    - Manage Imports - With this permission members can create, run and manage Contract and Lic
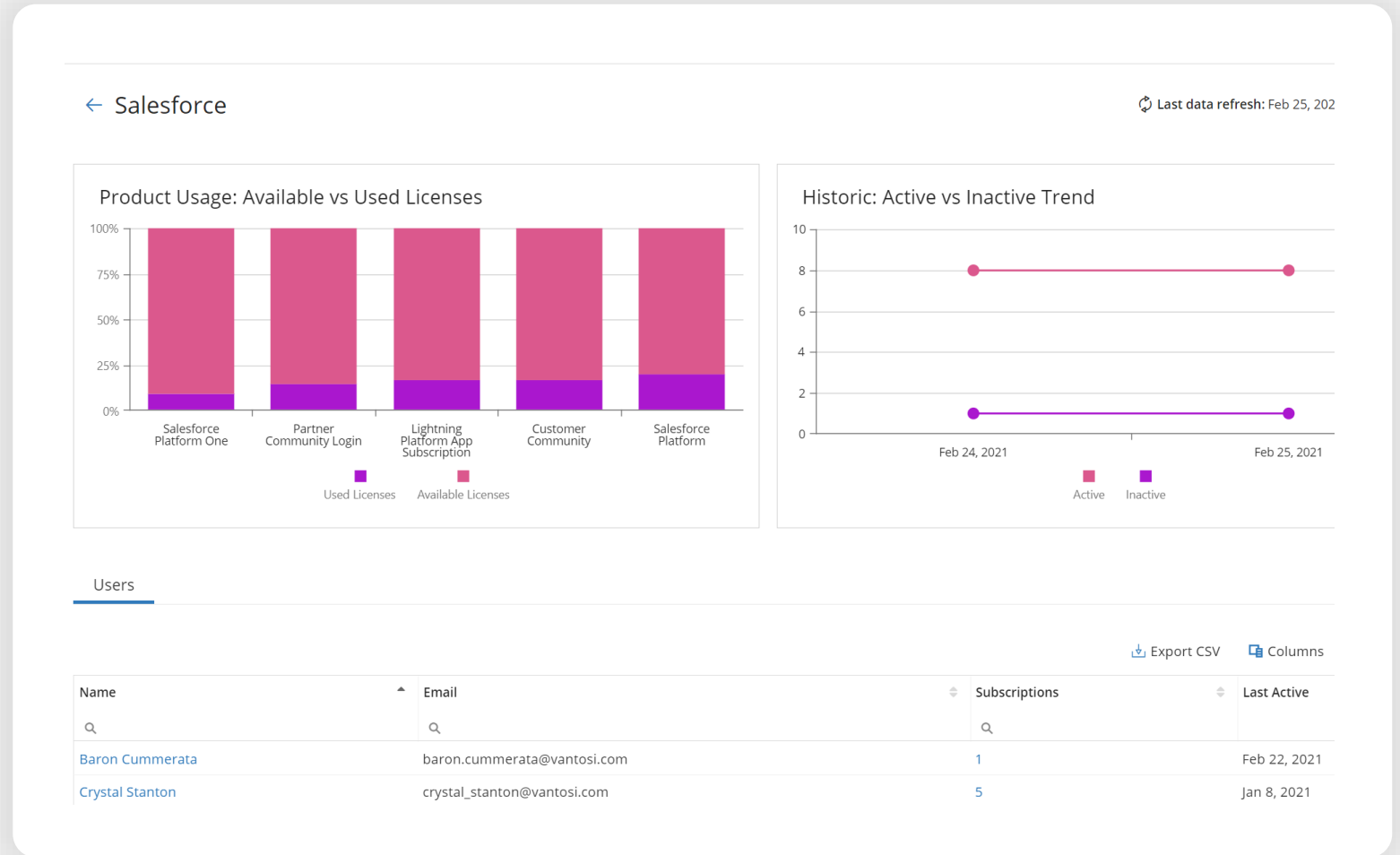
Make sure you are using supported software

- Flag End of Life software which means it is no longer supported by the vendor

- Inform about latest software releases by showing upgrade opportunities

Licensable Software

End of Life	Upcoming End of Life	Upgrade Opportunities	Reclamation Opportunities
119	**6**	**199**	**13,018**
Within 90 days: 6	Next 60 days: 6		High Chance: 13,018
Over a year ago: 101	Next 30 days: 6		Medium Chance: 0

SaaS capability additional facts to note

- An application will have a general dashboard associated with it, unless there is a supporting vendor connector

- Inactive Users are users that have not been seen by the SSO service (OKTA) for more than 30 days.

- The vendor summary is built up from recognized vendors against our DSL, these recognitions will grow as we get more and more data into the system to match up with the DSL

- Spend Intelligence will notify on certain dashboards when a connector could enrich the dataset