

SAM Monthly Best Practices Webinars

Session 7: Managing hybrid applications With FSM / Flexera One ITAM-FNMS

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Agenda

- Last session pointers and answers to questions
- News: FNMS 2022R1
 - see:
https://docs.flexera.com/FlexNetManagerSuite2022R1/EN/Features/index.html#FeatureList/2022R1/2022_r1.html
- Managing Hybrid Applications
 - Context
 - Reading SaaS Application information
 - How SaaS Manager manages information
 - How data gets transferred into ITAM / FNMS and is used by licenses
 - Optimization for Named User Applications

Last Session: Managing Unrecognized evidence in FNMS

- Useful pointers
 - Recording and PowerPoint: [here](#)
- Answers to questions:
 - I understand not spending time on small unrecognized evidence, but what is the best practice when using AppPortal for OSD Deployment? An ARL is needed in AppPortal even for small applications to map to the backend FNMS application
 - In App Portal the function of application deployment is not dependent on license governance. With respect to question, application can be deployed without assigning the ARL, but this will not track license governance (license reservation against the installation). To match the 'check available entitlements' ARL is a must.
 - How can you see in the unrecognized installer evidence if it is component or freeware. I don't have knowledge of all products
 - That's a challenge indeed. Identifying not concerning or concerning unrecognized evidences is not trivial. In case of doubt, I would check first in the recognized evidences or applications (Flexera may recognize another version and have classified it), then google the application.
 - What is Flexera content team doing / checking with information I have send as request for adding to the Flexera ARL
 - When a user sends signatures to Flexera, if the data is sufficient, they will be added to the ARL. But it takes time to process more evidences. For Tier 2-3 publishers, evidences (>20 matches) will be considered to avoid high numbers of "exotic" applications.
 - I'm seeing that you explain to add unrecognized application to an application. then I'm doing it local - will be Flexera extended. What you want is that the evidence will come into Flexera ARL so it can be used for all customers all over the world
 - Yes, sharing your extensions will be useful to the Community. We are going to do more script-driven recognition.
 - When will the java chargeback report be available for On premise
 - The Management of Java Embedded instances feature (along with transparency report) will be release in April (2022 R1): [New license exemption by file path manages Oracle Java](#)
 - A license consumption and charge back API <https://docs.flexera.com/FlexeraOneAPI/ITAMDataAPI/#api-Licenses-licensesConsumption>, a report will be available in the community this month for on prem customers.

FNMS 2022 R1

- New Features

- [New VMware Horizon adapter for collecting non-persistent VDI data](#)
- [New Microsoft Windows Server Optimization report](#)
- [New Application Transparency report especially helps embedded applications](#)
- [New license exemption by file path manages Oracle Java](#)
- [Inventory from POWER architecture running Linux](#)
- [New report optimizes licenses for SQL Server](#)
- [IBM license consumption in containers now available](#)
- [Take inventory of any Linux container software for CI/CD](#)
- [File replication captures beacon uploads for review](#)
- [Auto-cleanup of obsolete FlexNet inventory](#)
- [Support for mutual TLS on UNIX-like devices](#)
- [Lightweight Kubernetes agent reduces footprint](#)
- [New connector for BMC Discovery imports](#)
- [Report optimizes subscriptions for Red Hat Enterprise Linux support](#)
- [Three new Oracle license reports](#)

- Changes from Previous Releases

- [The Sustainsys.Saml2 library has been upgraded to version 1.0.2](#)
- [The Citrix Virtual Desktops File and Installer Evidence reports have been updated to collect VMware Horizon non-persistent VDI data](#)
- [Two additional tabs \(VDIs, AD Groups\) have been added to the Virtual Desktop Template Properties page](#)
- [Updates to Kubernetes agent](#)
- [Individual inventory beacons are displayed by default for Discovery tasks in the System Tasks view](#)
- [The Microsoft SQL Server Optimization report now reports if inventory devices are hosted on-premises or in the cloud](#)
- [VMware inventory now includes IP address for ESXi host](#)
- [Oracle Fusion Middleware inventory configuration improved \(see Agent Change Log for details\)](#)
- [Fractions of points supported for IBM PVU license calculations](#)
- [Three new types of hardware assets added](#)

Context

- What is an “Hybrid Use Case?”
 - Subscriptions
 - Applications can be used online and on prem (M365)
 - ... or on prem only (Adobe)
- Managing hybrid applications will require information
 - Who has an active subscription? (From SaaS Portal)
 - What does this subscription cover?
 - Is there online usage / on premise installations and usage
- FSM to read in SaaS application portal or FNMS / custom business adapters?
 - Adapters have been developed in the past, they do the job
 - However, strategy and investment is in FSM

Flexera One Architecture

Flexera One

Unified Technology Spend Dashboard*

IT
Visibility

IT Asset
Management
SAM | SAAS | HAM

Cloud Optimization

Cloud Migration
and Modernization

Cloud Cost
Optimization

Policy Engine*

Unified Discovery | Normalization*

Data flow for hybrid applications

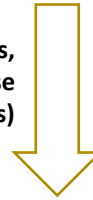
 Microsoft 365



SaaS Manager

- User roster
- License entitlement
- SaaS usage
- Activity

Users' subscriptions,
online usage and license
definitions (SKUs)



On premise inventory,
entitlement data



ITAM

- Licenses (from SKUs)
- Users Allocations
- Online / on premise usage
- Purchases
- Contracts



Flexera One

360 view

- All licenses
- All users
- All usage



READING DATA FROM THE PORTAL(S)

FSM Connection

Ability to reclaim licenses
from within the UI

Date/time of users last
activity

Who has access to the
application

Test_Microsoft 365 Client Credentials

by Microsoft

Activity threshold *

60 days

?

Integration Tasks

☒ Reclamation

☒ License Information ?

☒ Application Access

☒ Application Roster

Tenant ID *

1234qwerasd5678

Application ID *

asdfghjkl

Application Secret *

.....

The number of days of
inactivity before a user is
deemed as being inactive

Retrieval and automated
creation of license name, type
and total number allowed

Quath2 or client credentials

FSM Selection of applications

Select the licenses you wish to manage

Manage Available Licenses

These are the licenses from your Microsoft portal, you can choose which ones you'd like to manage. The unselected licenses will not be shown in SaaS Manager and will be opt-out from all calculations. It may take several minutes to refresh the data once changes are made.

15 items are selected

Available Licenses in Microsoft Portal

☒ Power BI Pro

☒ D365_IOM

☒ Microsoft365_Lighthouse

☒ Microsoft Teams Exploratory

☒ Office 365 (Plan E3)

☒ VISIO ONLINE PLAN 2

☒ Project Online Essentials

☐ Microsoft Flow Free

☒ Microsoft 365 E5 Security

☒ PROJECT ONLINE PREMIUM

☒ Microsoft Azure Active Directory Premium P2 for C

☒ Dynamics 365 Customer Engagement Plan

☐ Power BI (free)

Licenses integrated with ITAM to show a complete 360 view

| <input type="checkbox"/> | License name | Publisher name | License type | Compliance status | At risk | Under purchased (USD) | Licensed | Consumed | Used | Allocated | Available |
|--------------------------|--|----------------|--------------|-------------------|---------|-----------------------|----------|----------|-------|-----------|-----------|
| <input type="checkbox"/> | Visual Studio Enterprise MSDN with SA | Microsoft | Named User | Over-provisioned | 0 | | 325 | 255 | 236 | 255 | 70 |
| <input type="checkbox"/> | Project Pro 365 Online (Plan 3) | Microsoft | Named User | Over-provisioned | 0 | | 20 | 18 | 12 | 18 | 2 |
| <input type="checkbox"/> | Visio Pro 365 Online (Plan 2) | Microsoft | Named User | Compliant | 0 | | 75 | 74 | 63 | 74 | 1 |
| <input type="checkbox"/> | Office 365 - Office 365 (Plan E5) | Microsoft | Named User | Over-provisioned | 0 | | 1,150 | 822 | 0 | 822 | 328 |
| <input type="checkbox"/> | Office 365 - Office M365 (Plan F3) | Microsoft | Named User | Over-provisioned | 0 | | 150 | 71 | 0 | 71 | 79 |
| <input type="checkbox"/> | Office 365 - Enterprise Mobility + Security E3 | Microsoft | Named User | Compliant | 0 | | 0 | 0 | 0 | 0 | 0 |
| <input type="checkbox"/> | Dynamics 365 - Dynamics 365 | Microsoft | Named User | Over-provisioned | 0 | | 950 | 728 | 0 | 729 | 222 |
| <input type="checkbox"/> | Office 365 - Office 365 (Plan E5) | Microsoft | Named User | Over-provisioned | 0 | | 1,150 | 0 | 0 | 0 | 1,150 |
| <input type="checkbox"/> | Office 365 - Office M365 (Plan F3) | Microsoft | Named User | Over-provisioned | 0 | | 150 | 0 | 0 | 0 | 150 |
| <input type="checkbox"/> | Office 365 - Enterprise Mobility + Security E3 | Microsoft | Named User | Compliant | 0 | | 0 | 0 | 0 | 0 | 0 |
| <input type="checkbox"/> | Office 365 - Office 365 (Plan E5) | Microsoft | Named User | Compliant | 0 | | 1,150 | 1,113 | 1,105 | 1,113 | 37 |
| <input type="checkbox"/> | Office 365 - Office M365 (Plan F3) | Microsoft | Named User | Compliant | 0 | | 150 | 149 | 111 | 150 | 1 |
| <input type="checkbox"/> | Office 365 - Enterprise Mobility + Security E3 | Microsoft | Named User | Compliant | 0 | | 0 | 0 | 0 | 0 | 0 |

Flexera Beacon reading directly from the portal

The screenshot illustrates the process of configuring FlexNet Beacon to read data directly from the portal. It shows the main FlexNet Beacon window, a file explorer view of the 'ImportProcedures' folder, and the 'Create PowerShell Source Connection' dialog box.

FlexNet Beacon Window:

| Connection name | Type | Server | Database | Connection string | Overlapping inventory |
|-----------------|------------|---------------|----------|-------------------|-----------------------|
| FNMP | ManageSoft | (local) | IM | | Imported |
| SAP (SAP-*) | SAP | SAP-* | | | Imported |
| Flex_SCCM | SCCM | (local) | CM_P01 | | Imported |
| SCCM_Demo | SCCM | FLEX-SC2012R2 | CM_FLX | | Imported |

File Explorer View:

Path: This PC > Local Disk (C:) > ProgramData > Flexera Software > Compliance > ImportProcedures > Inventory > Reader > Microsoft Office 365

| Name | Date modified | Type | Size |
|-----------------------|--------------------|---------------------|-------|
| InstallerEvidence.xml | 7/29/2021 10:57 PM | XML File | 2 KB |
| License.xml | 7/29/2021 10:57 PM | XML File | 3 KB |
| Logic.ps1 | 7/29/2021 10:57 PM | Windows PowerS... | 20 KB |
| readerV3.config | 7/29/2021 10:57 PM | XML Configuratio... | 2 KB |
| Usage.xml | 7/29/2021 10:57 PM | XML File | 2 KB |
| User.xml | 7/29/2021 10:57 PM | XML File | 2 KB |

Create PowerShell Source Connection Dialog:

Connection Name: [Empty]
Source Type: Microsoft 365
Proxy Settings: [Empty]
Use Proxy: [Empty]
Proxy Server: [Empty]
Username: [Empty]
Password: [Empty]
Token Endpoint: https://login.microsoftonline.com/common/oauth2/v2.0/tok
Application (client) ID: 5bb1a5a2-0d97-4335-9448-119f7b27aff9
Redirect URI: https://login.microsoftonline.com/common/oauth2/nativecli
Authentication Flow: Authorization Code
Authorization Endpoint: Authorization Code
Client Credentials: Client Credentials
Refresh Token: [Empty] Generate...
Connection is in test mode (do not import results) []
Overlapping Inventory Filter: Multiple data sources may report inventory for the same device. If

M365 From the beacons 7 files generated (M365)

- Get Users From Office
 - User Details
 - Important: email (key), ID
- Applications Evidences
 - Name
 - ID
- Get Usage From Office 365
 - Accessed (Online) application evidence
 - By Which User
 - When
 - Attention obfuscation feature Prevents usage import!

O365 Customer XXX.zip

| | | | |
|---|------------------|--------------|----------|
| Computer--110--Get Users from Office 365.int.xml | 6/5/2020 3:57 PM | XML Document | 1,558 KB |
| Evidence--110--Get Installer Evidence from Office 365.int.xml | 6/5/2020 3:57 PM | XML Document | 20 KB |
| LicenseCreateUpdate--110--Get Licenses from Office 365.int.xml | 6/5/2020 3:57 PM | XML Document | 8 KB |
| LicenseCreateUpdate--120--Get user allocations for licenses from Office 365.int.xml | 6/5/2020 3:57 PM | XML Document | 4,448 KB |
| package.xml | 6/5/2020 3:57 PM | XML Document | 4 KB |
| Usage--110--Get Usage from Office 365 Exchange.int.xml | 6/5/2020 3:57 PM | XML Document | 8,618 KB |
| version.int.xml | 6/5/2020 3:57 PM | XML Document | 1 KB |

```
<?xml version="1.0" encoding="utf-8"?>
<rowset>
  <meta data-object="User">
    <col index="0" name="ExternalID" size="255" type="System.String" />
    <col index="1" name="FirstName" size="128" type="System.String" />
    <col index="2" name="LastName" size="128" type="System.String" />
    <col index="3" name="Email" size="200" type="System.String" />
    <col index="4" name="MapUsingEmailAddress" size="-1" type="System.Boolean" />
  </meta>
  <rows>
    <r>
      <c0>b7aca2ff-dbef-44ac-adfc-53e641767f5b</c0>
      <c2>FIRSTNAME</c2>
      <c2>USERNAME</c2>
      <c3>EMAIL.COM</c3>
      <c4>true</c4>
    </r>
  </rows>
</rowset>
```

```
<?xml version="1.0" encoding="utf-8"?>
<rowset>
  <meta data-object="InstallerEvidence">
    <col index="0" name="ExternalInstallerID" size="255" type="System.String" />
    <col index="1" name="DisplayName" size="255" type="System.String" />
    <col index="2" name="Version" size="128" type="System.String" />
    <col index="3" name="Publisher" size="128" type="System.String" />
    <col index="4" name="Evidence" size="128" type="System.String" />
    <col index="5" name="AccessModeID" size="-1" type="System.Int32" />
  </meta>
  <rows>
    <r>
      <c0>da792a53-cbc0-4184-a10d-e544dd34b3c1</c0>
      <c1>ONEDRIVE_BASIC</c1>
      <c2></c2>
      <c3>Microsoft Corporation</c3>
      <c4>SaaS</c4>
      <c5>6</c5>
    </r>
  </rows>
</rowset>
```

Reports

Reports found in the Microsoft 365 admin center provide information about your organization's usage data. Your organization's data is managed by trusted cloud security and privacy safeguards.

By default, reports conceal user information such as usernames, groups, and sites. You can decide to display concealed information if you prefer or if your organization's policies require it.

This setting applies to Microsoft 365 usage reports in Microsoft 365 admin center, Microsoft Graph and Power BI and the usage reports in Microsoft Teams admin center.

☒ Display concealed user, group, and site names in all reports

Microsoft 365 usage analytics

Usage data is analyzed and used to make charts and graphs to help you understand your organization's use of apps and services. Reports can be found in the Microsoft 365 admin center and in Power BI. [Learn how to get started with Power BI](#)

☒ Make report data available to Microsoft 365 usage analytics for Power BI

```
<?xml version="1.0" encoding="utf-8"?>
<rowset>
  <meta data-object="RemoteUserToApplicationAccess">
    <col index="0" name="ExternalInstallerEvidenceID" size="50" type="System.String" />
    <col index="1" name="ExternalUserID" size="50" type="System.String" />
    <col index="2" name="AccessModeID" size="-1" type="System.Int32" />
    <col index="3" name="LastUsedDate" size="-1" type="System.DateTime" />
  </meta>
  <rows>
    <r>
      <c0>efb87545-963c-4e0d-99df-69c6916d9eb0</c0>
      <c1>db34c105-b81f-401c-b695-c9ab04d39f9f</c1>
      <c2>6</c2>
      <c3>2020-05-24T00:00:00</c3>
    </r>
  </rows>
</rowset>
```

Generated Files (2)

- Get Licenses (= Subscriptions) from Office 365
 - Subscription Name
 - ID
- Get User Allocations (= Active Subscriptions) For Licenses
 - UserID
 - LicenseID

```
<?xml version="1.0" encoding="utf-8"?>
<rowset>
  <meta data-object="SoftwareLicense">
    <col index="0" name="ExternalLicenseID" size="255" type="System.String" />
    <col index="1" name="LicenseName" size="256" type="System.String" />
    <col index="2" name="SoftwareLicenseTypeID" size="-1" type="System.Int32" />
    <col index="3" name="EntitlementCount" size="-1" type="System.Int32" />
    <col index="4" name="IsSubscription" size="-1" type="System.Boolean" />
    <col index="5" name="ExpiryDate" size="-1" type="System.DateTime" />
    <col index="6" name="PartNo" size="100" type="System.String" />
  </meta>
  <rows>
    <r>
      <c0>c5928f49-12ba-48f7-ada3-0d743a3601d5</c0>
      <c1>CLIENTNAME VISIOCLIENT</c1>
      <c2>13</c2>
      <c3>66</c3>
      <c4>true</c4>
      <c6>FLX-0365-VISIOCLIENT</c6>
    </r>
  </rows>
</rowset>
```

```
<?xml version="1.0" encoding="utf-8"?>
<rowset>
  <meta data-object="SoftwareLicenseAllocation">
    <col index="0" name="ExternalLicenseID" size="50" type="System.String" />
    <col index="1" name="ExternalUserID" size="50" type="System.String" />
    <col index="2" name="ExternalAccessingUserID" size="50" type="System.String" />
  </meta>
  <rows>
    <r>
      <c0>05e9a617-0261-4cee-bb44-138d3ef5d965</c0>
      <c1>b7aca2ff-dbef-44ac-adfc-53e641767f5b</c1>
    </r>
  </rows>
</rowset>
```

The background is a solid blue color with a subtle, light blue geometric pattern of interconnected dots and lines, resembling a network or molecular structure.

SAAS APPLICATIONS MANAGED IN FSM

FSM provides the SaaS License overview

SaaS / SaaS License Management / All SaaS Licenses Flexera One Demo

| APPLICATION NAME | LICENSE NAME | ANNUAL SPEND | # OF USERS ALLOWED | END DATE | STATUS |
|---------------------|-----------------------------------|----------------|--------------------|--------------|--------|
| Salesforce Revenera | | \$1,386,000.00 | 11770 | | |
| | Service Cloud User | 0 | 2000 | | |
| | Salesforce CRM Content User | 0 | 2000 | | |
| | CRM User | 0 | 2000 | | |
| | Einstein Agent | 0 | 2000 | | |
| | Flow User | 0 | 50 | | |
| | Event Monitoring Analytics Apps | 0 | 2000 | | |
| | Offline User | 0 | 50 | Jan 25, 2023 | Active |
| | Knowledge User | 0 | 50 | | |
| | Marketing User | 0 | 50 | | |
| | Chat User | 0 | 50 | | |
| | Salesforce Platform One | \$36,000.00 | 10 | | |
| | Salesforce Platform Light | \$1,350,000.00 | 1500 | | |
| | Salesforce Platform | 0 | 10 | | |
| Salesforce Flexera | | \$1,350,000.00 | 7185 | | |
| | CRM User | 0 | 500 | | |
| | Salesforce Platform One | \$36,000.00 | 20 | | |
| | Knowledge User | 0 | 50 | | |
| | Salesforce CRM Content User | 0 | 2000 | | |
| | Offline User | 0 | 50 | | |
| | Einstein Agent | 0 | 500 | | |
| | Marketing User | 0 | 50 | Aug 21, 2022 | Active |
| | Salesforce Platform Light | \$1,260,000.00 | 1400 | | |
| | Chat User | 0 | 50 | | |
| | Salesforce Platform | \$54,000.00 | 15 | | |
| | Service Cloud User | 0 | 2000 | | |
| | Flow User | 0 | 50 | | |
| | Event Monitoring Analytics Apps | 0 | 500 | | |
| Office 365 | | \$501,000.00 | Unlimited | | |
| | Enterprise Mobility + Security E3 | 0 | Unlimited | Jul 5, 2022 | Active |
| | Office 365 (Plan E5) | \$483,000.00 | 1150 | | |
| | Office M365 (Plan F3) | \$18,000.00 | 150 | | |
| Mural | Annual Contract Value | \$159,619.35 | Unlimited | Aug 19, 2022 | Active |

Entitlements are created automatically from Portal import

SaaS / SaaS License Management / All SaaS LicensesFlexera One Demo

Office 365

License Details

Miscellaneous Fees

Documents

License Name *

Office 365

Application

Office 365

Notes

Optional notes...

Administrator

Enter email...

License Type

Per User

Name

Office M365 (Plan F3)

of Items Allowed

150

Amount

10

USD

Payment Frequency *

Monthly

Enter a value only if the license number is fixed and you always pay for this many items.

Show Inactive

Flexera

Customer Issues - A...

Flexera Software

Oauth Review

API Release Notes

Flexera SaaS Mana...

Flexera SaaS Mana...

Salesforce - Unlimit...

Integations Researc...

FSM Direct Integrat...

Search

Home

Favorites

Workspaces

Dashboards

Business Services

IT Visibility

Licenses

Applications & Evidence

Inventory

Hardware

SaaS

Cloud

Automation

Procurement

IT Asset Requests

Organization

Reporting

Data Collection

Administration

SaaS / SaaS License Management / SaaS License Usage

Flexera Internal Main Test

ui-4681

Annual Application Spend

| Application | Annual Spend (k) |
|---|------------------|
| Creative Cloud | 35 |
| Pooja Test_Microsoft 365 Client Credentials | 25 |
| Test_Microsoft 365 25th March | 12 |
| Office 365 Client Credentials | 5 |
| Test_Microsoft 365 Client Credentials | 1 |
| Smartsheet | 0.5 |
| Test_Microsoft 365 | 0.2 |
| Office 365 | 0.1 |

Applications By Utilization

| Application | Utilization | User Type |
|---|-------------|--------------------|
| Expense | 1400 | Never Active Users |
| Pooja Test_Microsoft 365 Client Credentials | 100 | Never Active Users |
| Test_Microsoft 365 25th March | 50 | Never Active Users |
| Test_Microsoft 365 Client Credentials | 50 | Never Active Users |
| Test_Microsoft 365 | 20 | Never Active Users |
| Office 365 Client Credentials | 10 | Never Active Users |
| Office 365 | 10 | Never Active Users |
| Creative Cloud | 5 | Never Active Users |

Show License Details

Export CSV

| APPLICATION | LICENSES ALLOWED | ASSIGNED USERS | ACTIVE USERS | % ACTIVE USERS | PER USER COST | ANNUAL SPEND |
|---|------------------|----------------|--------------|----------------|---------------|--------------|
| Creative Cloud | Unlimited | 10 | 0 | 0% | \$902.75 | \$37,284.00 |
| No License | Unlimited | 6 | 0 | 0% | \$0.00 | \$0.00 |
| Custom fonts | 7 | 3 | 0 | 0% | \$12.00 | \$84.00 |
| All Apps plan | 10 | 2 | 0 | 0% | \$2,400.00 | \$24,000.00 |
| Acrobat Standard DC | 11 | 0 | 0 | 0% | \$1,200.00 | \$13,200.00 |
| Pooja Test_Microsoft 365 Client Credentials | 1010412 | 40 | 3 | 8% | \$72.94 | \$25,000.00 |
| D365_IOM | 25 | 0 | 0 | 0% | \$0.00 | \$0.00 |
| Microsoft365_Lighthouse | 1 | 0 | 0 | 0% | \$0.00 | \$0.00 |
| Microsoft Teams Exploratory | 100 | 1 | 0 | 0% | \$0.00 | \$0.00 |
| Office 365 (Plan E3) | 1 | 0 | 0 | 0% | \$0.00 | \$0.00 |
| Project Plan 3 | 1 | 0 | 0 | 0% | \$0.00 | \$0.00 |
| VISOONLINE_PLAN1 | 2 | 2 | 0 | 0% | \$0.00 | \$0.00 |
| Microsoft 365 E3 | 100 | 31 | 3 | 10% | \$240.00 | \$24,000.00 |
| RMSBASIC | 1 | 0 | 0 | 0% | \$1,000.00 | \$1,000.00 |
| Power BI (free) | 1000000 | 10 | 0 | 0% | \$0.00 | \$0.00 |
| Dynamics 365 Customer Engagement Plan | 50 | 0 | 0 | 0% | \$0.00 | \$0.00 |

Each user is associated with his M365 plan

SaaS / SaaS Applications / Managed SaaS Applications / Office 365

Flexera One Demo

Office 365

Overview Licenses Integration **Users** Suspicious Activities Activity

Reclamation Opportunities

171

| Email ↑ | First Name | Last Name | Licenses | Activity Status | Last Activity | Employee Status |
|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| aatride@acme.com | Arnold | Attride | Microsoft 365 F3 | Active | Mar 16, 2022 | Active |
| aavery@acme.com | Antonio | Avery | Microsoft 365 F3 | Active | Mar 20, 2022 | Active |
| abel.james@acme.com | Abel | James | OFFICE 365 (PLAN E5) | Active | Mar 27, 2022 | Active |
| abraham.fuller@acme.com | Abraham | Fuller | OFFICE 365 (PLAN E5) | Never | Never | Active |
| abraham.kilari@acme.com | Abraham | Kilari | OFFICE 365 (PLAN E5) | Active | Mar 27, 2022 | Active |
| acaldwell@acme.com | Ashley | Caldwell | Microsoft 365 F3 | Active | Mar 18, 2022 | Active |
| acton.goodwin@acme.com | Acton | Goodwin | OFFICE 365 (PLAN E5) | Active | Feb 03, 2022 | Active |
| acton.richardson@acme.com | Acton | Richardson | OFFICE 365 (PLAN E5) | Active | Apr 01, 2022 | Active |

The online usage is captured as “activity”

SaaS / SaaS Applications / Managed SaaS Applications / Office 365 Flexera One Demo

Office 365

Overview Licenses Integration Users Suspicious Activities Activity

Show Filters 7 Services Export CSV Search...

| EMAIL | FIRST NAME | LAST NAME | SUSPICIOUS USER | ACTIVITY | LAST ACTIVITY | APPLICATION | ACTIVITIES (30 DAYS) | LICENSE TYPE |
|------------------|------------|-----------|-----------------|----------|---------------|-----------------|----------------------|------------------|
| aatride@acme.com | Arnold | Attride | No | Active | Feb 16, 2022 | O365 Skype | 0 | Microsoft 365 F3 |
| aatride@acme.com | Arnold | Attride | No | Active | Feb 26, 2022 | O365 SharePoint | 0 | Microsoft 365 F3 |
| aatride@acme.com | Arnold | Attride | No | Never | | O365 Outlook | 0 | Microsoft 365 F3 |
| aatride@acme.com | Arnold | Attride | No | Active | Mar 16, 2022 | O365 Yammer | 1 | Microsoft 365 F3 |
| aatride@acme.com | Arnold | Attride | No | Active | Feb 16, 2022 | O365 Teams | 0 | Microsoft 365 F3 |
| aatride@acme.com | Arnold | Attride | No | Never | | O365 OneDrive | 0 | Microsoft 365 F3 |
| aatride@acme.com | Arnold | Attride | No | Active | Feb 26, 2022 | O365 Exchange | 0 | Microsoft 365 F3 |
| aavery@acme.com | Antonio | Avery | No | Never | | O365 Exchange | 0 | Microsoft 365 F3 |
| aavery@acme.com | Antonio | Avery | No | Never | | O365 OneDrive | 0 | Microsoft 365 F3 |
| aavery@acme.com | Antonio | Avery | No | Never | | O365 SharePoint | 0 | Microsoft 365 F3 |

***SAAS APPLICATION IS
TRANSFERRED TO ITAM /
FNMS***

Data flow for hybrid applications

 Microsoft 365



SaaS Manager

- User roster
- License entitlement
- SaaS usage
- Activity

Users' subscriptions,
online usage and license
definitions (SKUs)



On premise inventory,
entitlement data



ITAM

- Licenses (from SKUs)
- Users Allocations
- Online / on premise usage
- Purchases
- Contracts



Flexera One

360 view

- All licenses
- All users
- All usage



Integration details (Reader)

- The SaaS Manager Reader gives all details
 - Read logic is encapsulated in the PowerShell: logic.ps1
 - License.xml
 - Creates “ImportedSoftwareLicenses” (with a SKU)
 - Creates “ImportedSoftwareLicenseAllocations”
 - Creates “ImportedInstallerEvidences”
 - Creates “ImportedRemoteUserAccessToApplications”

SQLQuery3.sql - db...us\nrousseau (687)*

```
1 SELECT * FROM ImportedSoftwareLicense_MT
2 WHERE ComplianceConnectionID IN (SELECT ComplianceConnectionID FROM ComplianceConnection_MT WHERE ConnectionName LIKE '%SaaS%')
```

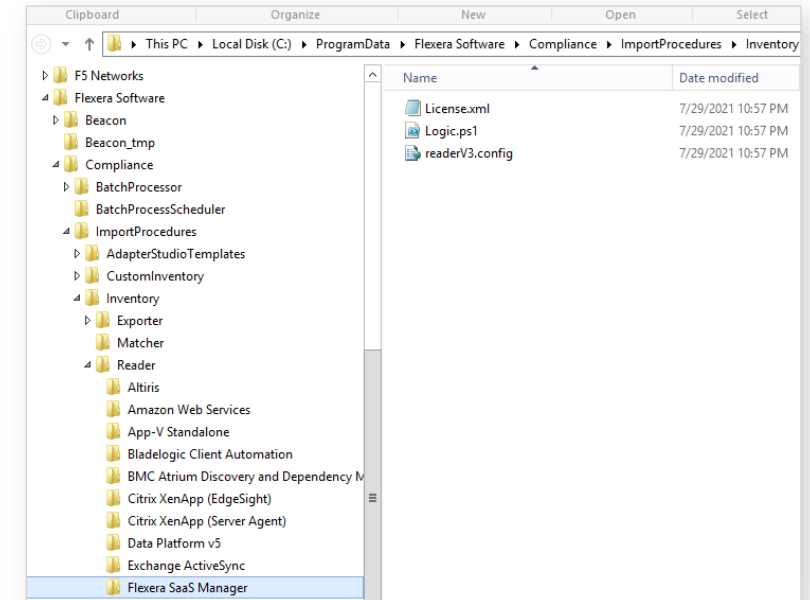
100 %

| | ComplianceConnectionID | ExternalLicenseID | LicenseName |
|----|------------------------|-------------------|-----------------------------------|
| 13 | 236 | 17488 | Office 365 - Office 365 (Plan E1) |
| 14 | 236 | 17490 | Office 365 - Office 365 (Plan E3) |
| 15 | 236 | 17493 | Office 365 - OFFICE 365 (PLAN E5) |
| 16 | 236 | 17494 | Office 365 - Office 365 (Plan K1) |

```
4 SELECT * FROM ImportedSoftwareLicenseAllocation_MT WHERE ComplianceConnectionID = 236 AND ExternalLicenseID = 17493
5
```

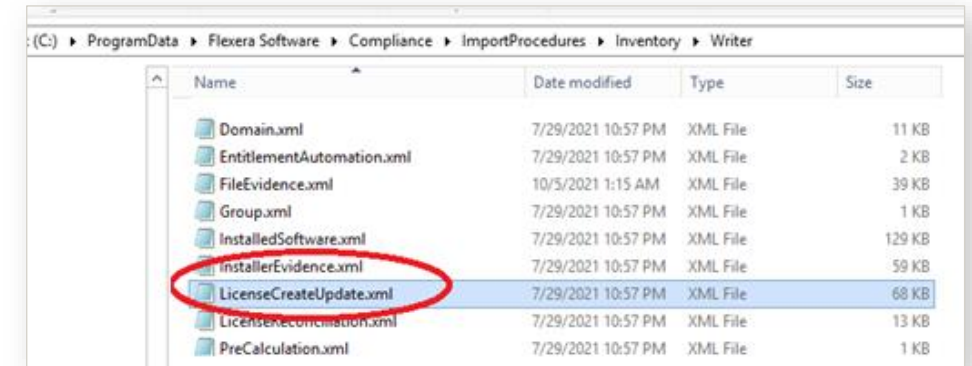
100 %

| | ComplianceConnectionID | ExternalLicenseID | ExternalUserID | TenantID | ExternalAccessingUserID |
|---|------------------------|-------------------|----------------|----------|-------------------------|
| 1 | 236 | 17493 | 23049252 | 28 | NULL |
| 2 | 236 | 17493 | 23049784 | 28 | NULL |
| 3 | 236 | 17493 | 23049828 | 28 | NULL |
| 4 | 236 | 17493 | 23054699 | 28 | NULL |
| 5 | 236 | 17493 | 23057133 | 28 | NULL |

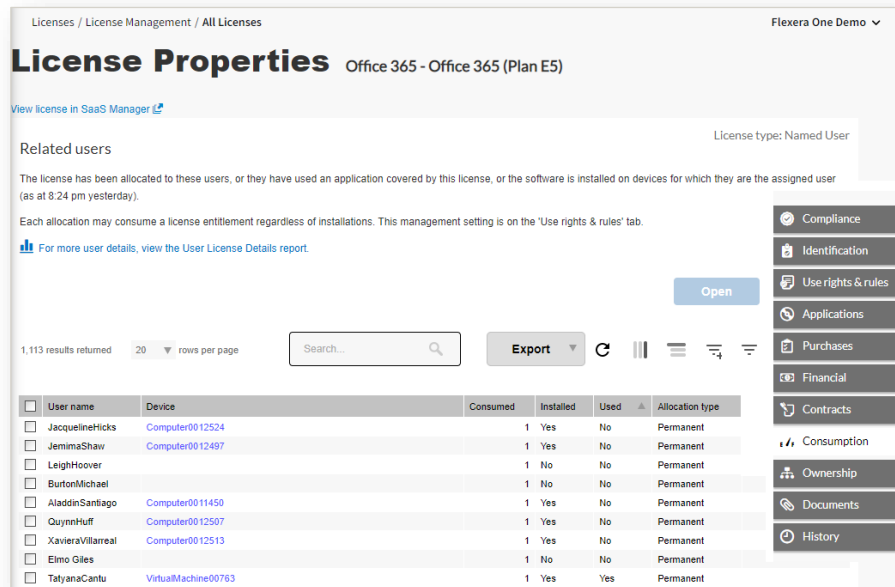


Integration details (Writer)

- Creates software licenses
 - Uses SKU for application mapping/license type
 - License can be modified after creation
- Creates software license allocations



| Name | Date modified | Type | Size |
|---------------------------|--------------------|----------|--------|
| Domain.xml | 7/29/2021 10:57 PM | XML File | 11 KB |
| EntitlementAutomation.xml | 7/29/2021 10:57 PM | XML File | 2 KB |
| FileEvidence.xml | 10/5/2021 1:15 AM | XML File | 39 KB |
| Group.xml | 7/29/2021 10:57 PM | XML File | 1 KB |
| InstalledSoftware.xml | 7/29/2021 10:57 PM | XML File | 129 KB |
| InstallerEvidence.xml | 7/29/2021 10:57 PM | XML File | 59 KB |
| LicenseCreateUpdate.xml | 7/29/2021 10:57 PM | XML File | 68 KB |
| LicenseEntitlement.xml | 7/29/2021 10:57 PM | XML File | 13 KB |
| PreCalculation.xml | 7/29/2021 10:57 PM | XML File | 1 KB |



Licenses / License Management / All Licenses

License Properties Office 365 - Office 365 (Plan E5)

View license in SaaS Manager

License type: Named User

Related users

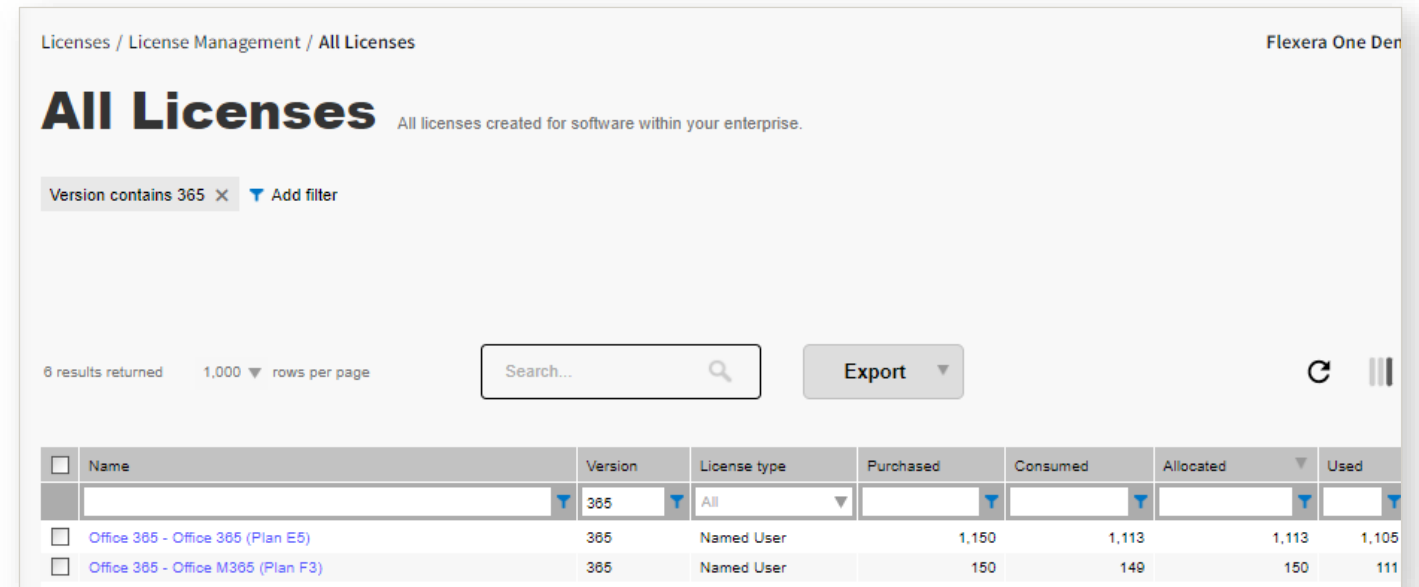
The license has been allocated to these users, or they have used an application covered by this license, or the software is installed on devices for which they are the assigned user (as at 8:24 pm yesterday).

Each allocation may consume a license entitlement regardless of installations. This management setting is on the 'Use rights & rules' tab.

For more user details, view the User License Details report.

1,113 results returned 20 rows per page

| User name | Device | Consumed | Installed | Used | Allocation type |
|------------------|---------------------|----------|-----------|------|-----------------|
| JacquelineHicks | Computer0012524 | 1 | Yes | No | Permanent |
| JemimaShaw | Computer0012497 | 1 | Yes | No | Permanent |
| LeighHoover | | 1 | No | No | Permanent |
| BurtonMichael | | 1 | No | No | Permanent |
| AladdinSantiago | Computer0011459 | 1 | Yes | No | Permanent |
| QuynnHuff | Computer0012507 | 1 | Yes | No | Permanent |
| XavierVillarreal | Computer0012513 | 1 | Yes | No | Permanent |
| Elmo Giles | | 1 | No | No | Permanent |
| TatyanaCantu | VirtualMachine00763 | 1 | Yes | Yes | Permanent |



Licenses / License Management / All Licenses

All Licenses All licenses created for software within your enterprise.

Version contains 365 Add filter

6 results returned 1,000 rows per page

| Name | Version | License type | Purchased | Consumed | Allocated | Used |
|------------------------------------|---------|--------------|-----------|----------|-----------|-------|
| Office 365 - Office 365 (Plan E5) | 365 | Named User | 1,150 | 1,113 | 1,113 | 1,105 |
| Office 365 - Office M365 (Plan F3) | 365 | Named User | 150 | 149 | 150 | 111 |

SaaS application data merges with on-premises to give the 360° view

- On-premises and SaaS installations and usage are stored in ITAM
- License reconciliation algorithm computes coverage of installations/usage by licenses
- The “covered applications” are contained in the SKU/license to applications mapping
- This opens the door to optimization

The image displays two screenshots from a software management interface. The top screenshot, titled "User License Details", shows a table of license information for "Office 365 - Office 365 (Plan E5)". It includes columns for License name, User name, Computer name, Access mode, Application, Application version, Last used date, Calculated user, and Assigned user. A yellow circle highlights the "On premise installations (SCCM, FNMS) and Usage" section, and an orange circle highlights the "SaaS usage (FSM from M365 Portal)" section. The bottom screenshot, titled "License Properties", shows the "Product use rights & rules" section, which lists various Microsoft products and their associated rights and rules.

| License name | User name | Computer name | Access mode | Application | Application version | Last used date | Calculated user | Assigned user |
|---|-----------------|---------------|-------------|--|---------------------|----------------|-----------------|-----------------|
| License name: Office 365 - Office 365 (Plan E5) (3,927) | | | | | | | | |
| User name: ActonRichardson (9) | | | | | | | | |
| Computer name: Computer0012115 (5) | | | | | | | | |
| Access mode: Local (2) | | | | | | | | |
| | ActonRichardson | acme.com | | Skype for Business 2016 | 16.0 | 3/16/2022 | ActonRichardson | ActonRichardson |
| | ActonRichardson | acme.com | | 365 16.0 Apps for enterprise | | | ActonRichardson | ActonRichardson |
| Access mode: Office 365 (3) | | | | | | | | |
| | ActonRichardson | acme.com | | Skype for Business Online for Office 365 | | 3/28/2022 | ActonRichardson | ActonRichardson |
| | ActonRichardson | acme.com | | Yammer Enterprise for Office 365 | | 1/30/2022 | ActonRichardson | ActonRichardson |
| | ActonRichardson | acme.com | | Exchange Online Plan 2 Enterprise for Office 365 | | 1/22/2022 | ActonRichardson | ActonRichardson |
| Computer name: Computer000000000 (4) | | | | | | | | |
| Access mode: Local (1) | | | | | | | | |
| Access mode: Office 365 (3) | | | | | | | | |

| Primary | Publisher | Product | Summary of use rights | Edit use rights |
|---------|-----------|--|---------------------------|-----------------|
| Yes | Microsoft | Azure Rights Management for Office 365 | Upgrade to latest version | / |
| Yes | Microsoft | Office Online for Office 365 | Upgrade to latest version | / |
| Yes | Microsoft | Mobile Device Management for Office 365 | Upgrade to latest version | / |
| Yes | Microsoft | Skype for Business Online for Office 365 | Upgrade to latest version | / |
| Yes | Microsoft | Office Word for Mac | Upgrade to latest version | / |
| Yes | Microsoft | Office Excel for Mac | Upgrade to latest version | / |
| Yes | Microsoft | Office PowerPoint for Mac | Upgrade to latest version | / |
| Yes | Microsoft | Office Outlook for Mac | Upgrade to latest version | / |
| Yes | Microsoft | Office OneNote for Mac | Upgrade to latest version | / |
| Yes | Microsoft | Skype for Business | Upgrade to latest version | / |

Each license computes consumed vs. installed vs. used

Licenses / License Management / All Licenses Flexera One Demo

All Licenses

All licenses created for software within your enterprise.

Version contains 365 × ▼ Add filter

6 results returned 1,000 rows per page

Search... 🔍 Export ▼

Open

| <input type="checkbox"/> | Name | Version | License type | Purchased | Consumed | Allocated | Used | Shortfall | Availability |
|--------------------------|------------------------------------|---------|--------------|-----------|----------|-----------|-------|-----------|--------------|
| <input type="checkbox"/> | Office 365 - Office 365 (Plan E5) | 365 | Named User | 1,150 | 1,113 | 1,113 | 1,105 | | 37 |
| <input type="checkbox"/> | Office 365 - Office M365 (Plan F3) | 365 | Named User | 150 | 149 | 150 | 111 | | 1 |

1,113 results returned 20 rows per page

Search... 🔍 Export ▼

| <input type="checkbox"/> | User name | Device | Consumed | Installed | Used | Allocation type |
|--------------------------|-----------------|-----------------|----------|-----------|------|-----------------|
| <input type="checkbox"/> | JacquelineHicks | Computer0012524 | 1 | Yes | No | Permanent |
| <input type="checkbox"/> | JemimaShaw | Computer0012497 | 1 | Yes | No | Permanent |
| <input type="checkbox"/> | LeighHoover | | 1 | No | No | Permanent |

Applications

Purchases

Financial

Contracts

Consumption

Ownership

Next step: Optimization report

COMING
SOON

Microsoft - Office Licenses Optimization

(v3) This view identifies Office installations per user and provides optimizations recommendations. It also identified the products that were recognized as a suite.

Search

107 results returned 20 rows per page

| <input type="checkbox"/> | [ComputerUserName] | [LicenseName] | [LicenseCost] | [OptimalLicenseCost] | [OptimizationForUser] | [TotalOptimization] | [LicenseType] | [Recommendation] | [ListOfActiveMicrosoftSubscriptions] | [Location] | [Corporate Unit] | [Cost Center] | [Installed Applications For User Consuming The License] | [Used Applications For User Consuming The License] |
|--------------------------|--------------------|---------------------------------|---------------|----------------------|-----------------------|---------------------|---------------|--|--|-----------------------|----------------------|--------------------------------|--|--|
| <input type="checkbox"/> | Adria Wiley | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5) | APAC/Tokyo, Japan | Technical Support | 3000 - Engineering and Support | Office 365 2013 Professional Plus (Computer006985) | Office 365 2013 Professional Plus (LastUsed on 2020-09-16 on Computer006985) |
| <input type="checkbox"/> | Roanna Reese | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5), Visual Studio Enterprise MSDN with SA | USA/Itasca, IL | Technical Support | 3000 - Engineering and Support | Office 365 2013 Professional Plus (Computer007146), Office 365 2016 Professional Plus (Computer007146) | Office 365 2013 Professional Plus (LastUsed on 2020-09-16 on Computer007146), Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer007146) |
| <input type="checkbox"/> | Cameron Clayton | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5), Visual Studio Enterprise MSDN with SA | APAC/Tokyo, Japan | Technical Support | 3000 - Engineering and Support | Office 2010 Professional Plus (VMHost00988), Office 365 2016 Professional Plus (Computer006984) | Office 2010 Professional Plus (LastUsed on 2020-09-16 on VMHost00988), Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer006984) |
| <input type="checkbox"/> | Ray Long | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5) | USA/Itasca, IL | Technical Support | 3000 - Engineering and Support | Office 365 2016 Professional Plus (Computer0012009) | Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer0012009) |
| <input type="checkbox"/> | Louis Burt | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5) | USA/Itasca, IL | Solution Engineering | 2000 - Sales | Office 365 2016 Professional Plus (Computer007090), Office OneNote 2016 (Computer007090) | Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer007090), Office OneNote 2016 (LastUsed on 2020-09-16 on Computer007090) |
| <input type="checkbox"/> | Kylie Robertsen | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5) | EMEA/Maidenhead, UK | IT | 1000 - Corporate | Office 365 2016 Professional Plus (VMHost004517) | Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on VMHost004517) |
| <input type="checkbox"/> | Albert Duran | AcmePortal Office 365 (Plan E1) | 80.4 | | | | Named User | | AcmePortal Office 365 (Plan E1) | USA/Itasca, IL | IT | 1000 - Corporate | Office Online for Office 365 (WIN10-END) | |
| <input type="checkbox"/> | Rhoda Watkins | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5) | APAC/Bangalore, India | Engineering and QA | 3000 - Engineering and Support | Office OneNote 2016 (Computer008180), Office 365 2016 Professional Plus (Computer008180) | Office OneNote 2016 (LastUsed on 2020-09-16 on Computer008180), Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer008180) |
| <input type="checkbox"/> | Angelica Campbell | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5), Visual Studio Enterprise MSDN with SA | APAC/Bangalore, India | Engineering and QA | 3000 - Engineering and Support | Office OneNote 2016 (Computer008310), Office 365 2016 Professional Plus (Computer008310) | Office OneNote 2016 (LastUsed on 2020-09-16 on Computer008310), Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer008310) |
| <input type="checkbox"/> | Madeson Ratliff | AcmePortal Office 365 (Plan E5) | 700 | 380 | 320 | 30,340 | Named User | Downgrade to E3: Power BI is not installed | AcmePortal Office 365 (Plan E5), Visio Pro 365 Online (Plan 3) | USA/Itasca, IL | IT | 1000 - Corporate | Office 365 2016 Professional Plus (Computer008557) | Office 365 2016 Professional Plus (LastUsed on 2020-09-16 on Computer008557) |
| <input type="checkbox"/> | Patience Medina | AcmePortal Office 365 (Plan E5) | 700 | 80 | 620 | 30,340 | Named User | Downgrade to E1: only E1 applications used | AcmePortal Office 365 (Plan E5) | USA/Itasca, IL | IT | 1000 - Corporate | Office Online for Office 365 (VirtualMachine0011288) | |

Adobe Optimization and importers

- On Creative Cloud, you can save money
 - Automate import of Creative Cloud Subscriptions: see [Adobe Subscriptions Optimization Report & Adobe Portal Users importer](#)
 - Use the Adobe optimization report to downgrade users or stop subscriptions

Adobe Licenses Optimization

(v4) This view identifies Adobe installations per user and provides optimizations recommendations

Search

729 results returned 20 rows per page

[LicenseType] [LicenseName] [Recommendation]

| | [ComputerUserName] | [Email] | [InstalledComputer(s)] | [Last Inventory Date for Computer(s)] | [LicenseCost] | [OptimalLicenseCost] | [OptimizationForUser] | [TotalOptimization] | [ListOfActiveCCSubscriptions] | [Installed Applications For User Consuming The License] | [Used Applications For User Consuming The License] |
|--|--------------------|----------|------------------------|---------------------------------------|---------------|----------------------|-----------------------|---------------------|------------------------------------|--|--|
| [-] [LicenseType]: (479) | | | | | | | | | | | |
| [-] [LicenseName]: No License Consumed (479) | | | | | | | | | | | |
| [-] [LicenseType]: Named User (250) | | | | | | | | | | | |
| [-] [LicenseName]: Adobe Acrobat Pro DC (Named Users) (134) | | | | | | | | | | | |
| [-] [LicenseName]: Adobe Creative Cloud (Named Users) (3) | | | | | | | | | | | |
| [-] [Recommendation]: Priority 2: Uninstall the product and stop the CC Complete subscription (Based on usage) (1) | | | | | | | | | | | |
| [-] [Recommendation]: Priority 2: Downgrade users plan to standalone products (based on used products) (2) | | | | | | | | | | | |
| <input type="checkbox"/> | Mélar | melan... | WGCCAO77136 | 14.09.2021 | 782 | 235 | 547 | 40 900 | Adobe Creative Cloud (Named Users) | Dreamweaver CC (2020) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), Bridge CC (2021) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), Illustrator CC (2021) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), InDesign CC (2021) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), Photoshop CC (2021) (LastUsed on None on | Acrobat DC (2021) Continuous (LastUsed on 2020-08-24 on WGCCAO77136, 6 sessions for 2 secs in last 3 months) |

Provides prioritized downgrade or reclamation recommendations per user / subscription

Gives details on saving allowed by the report (for the user and global)

Analyzes installed and used applications for the user with the subscription scope

M365, Adobe and Named User Subscriptions Optimization

- A report analyzes for each user with an active subscription
 - Entitled applications
 - Installed and used applications
- For Adobe and Microsoft, the report provides downgrade recommendations

Named Users Subscriptions Consumption and Optimization

This report analyzes for named users subscriptions the installed and used applications and provides recommendations for optimization.

Search

729 results returned 20 rows per page

[LicenseType] [LicenseName] [Recommendation]

| | [ComputerUserName] | [Email] | [InstalledComputer(s)] | [Last Inventory Date for Computer(s)] | [LicenseCost] | [OptimalLicenseCost] | [OptimizationForUser] | [TotalOptimization] | [ListOfActiveCCSubscriptions] | [Installed Applications For User Consuming The License] | [Used Applications For User Consuming The License] |
|--|--------------------|------------|------------------------|---------------------------------------|---------------|----------------------|-----------------------|---------------------|------------------------------------|--|--|
| [-] [LicenseType]: (479) | | | | | | | | | | | |
| [-] [LicenseName]: No License Consumed (479) | | | | | | | | | | | |
| [-] [LicenseType]: Named User (250) | | | | | | | | | | | |
| [-] [LicenseName]: Adobe Acrobat Pro DC (Named Users) (134) | | | | | | | | | | | |
| [-] [LicenseName]: Adobe Creative Cloud (Named Users) (3) | | | | | | | | | | | |
| [-] [Recommendation]: Priority 2: Uninstall the product and stop the CC Complete subscription (Based on usage) (1) | | | | | | | | | | | |
| [-] [Recommendation]: Priority 2: Downgrade users plan to standalone products (based on used products) (2) | | | | | | | | | | | |
| <input type="checkbox"/> | Mélar | FER melani | WGCCAO77136 | 14.09.2021 | 782 | 235 | 547 | 40 900 | Adobe Creative Cloud (Named Users) | Dreamweaver CC (2020) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), Bridge CC (2021) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), Illustrator CC (2021) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months), InDesign CC (2021) (LastUsed on None on WGCCAO77136, 0 sessions for 0 secs in last 3 months) | Acrobat DC (2021) Continuous (LastUsed on 2021-08-24 on WGCCAO77136, 6 sessions for 2 secs in last 3 months) |

The background is a vibrant blue gradient. On the left side, there is a complex network of thin white lines connecting small dots, resembling a data network or a molecular structure. Scattered throughout this network are various numbers and symbols in a light blue or white font, including '2.582', '13702', '82 30 141', '73.1182', '130719', '23', '8.90310', and '58.043'. The right side of the image is a solid, lighter blue color.

THANK YOU

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Inform IT. Transform IT.™