


# How to Manage Licenses and Ensure Collaboration Security in Microsoft 365



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Partner



Gold Application Development  
Gold Collaboration and Content  
Gold Cloud Productivity  
Gold Messaging  
Gold Datacenter

***Collaborate with Confidence***

Accessible content is available upon request.

# Agenda

The complexity of collaboration  
in Microsoft 365

Managing Microsoft 365  
Licenses

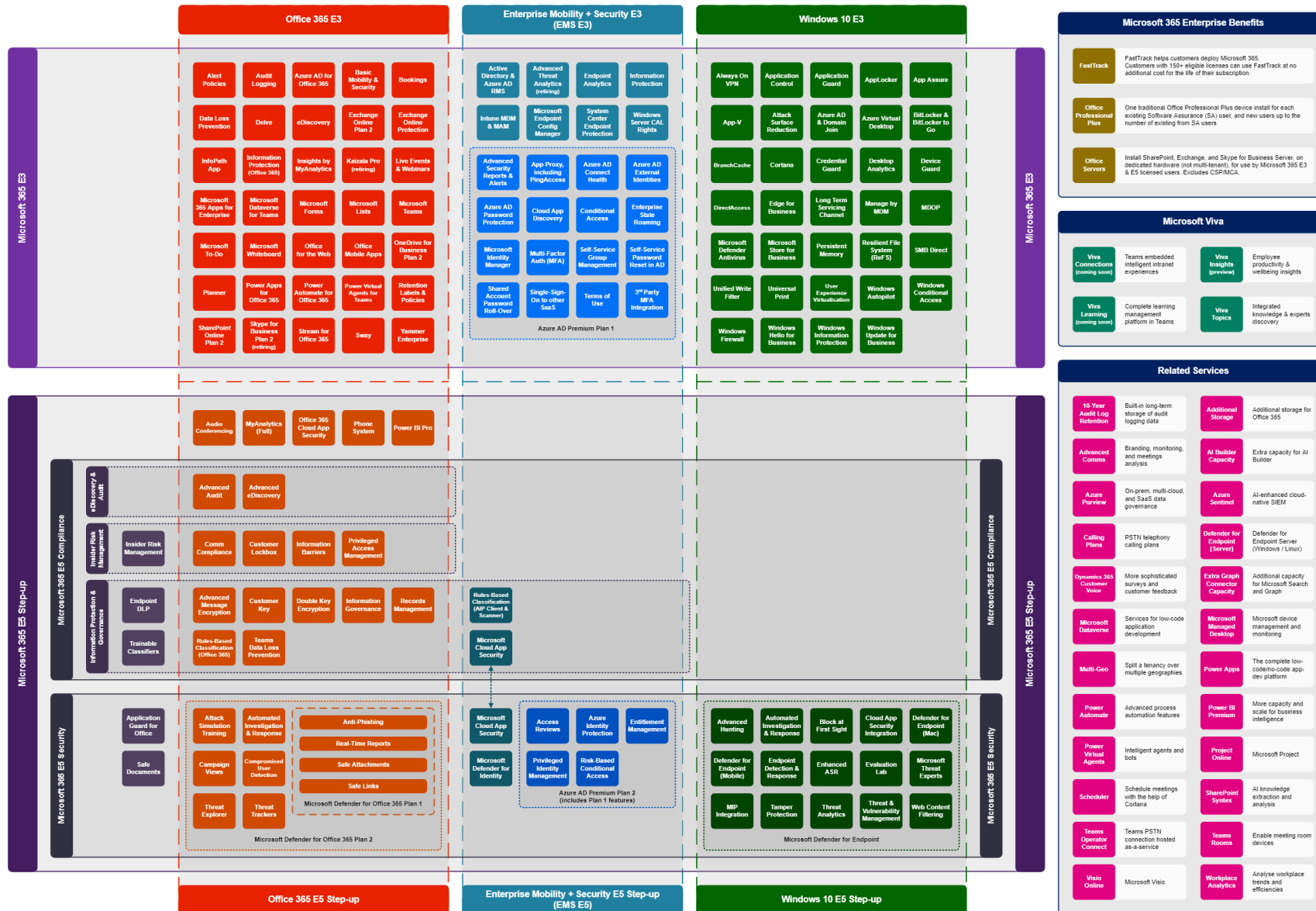
Ensuring Collaboration Security



# The complexity of collaboration in Microsoft 365



# Welcome to Microsoft 365



# Secure collaboration isn't straightforward

*Can you easily identify who has access to what, when?*



We don't have a top-down view.



We can't identify who has access to what information.



Not enough context to tailor policies for audiences and purpose.



# Managing Microsoft 365 Licenses

# The Challenge

1. Most people only know of Microsoft license costs through catalogs they see natively
2. Who is responsible for assigning licenses?
3. How do you reconcile billing for charge back?



# Make Sense of Your M365 Licenses



Global IT owns licenses.  
Local business owners own  
the budgets.

Create alignment with  
**Cense.**

**Reporting:** Provide central, unit, or user-based insight into M365 licenses and budgets.

**Control:** Enable delegated control. Avoid central IT bottle necks. Let department or regional owners have more license and budget control.



# Value just for you



## GLOBAL IT & SHARED SERVICES ADMINS

Simplify SaaS Ops. Make sense of global licenses and consumption. Enable license reporting & chargeback.



## REGIONAL BUDGET OWNERS

Own your business unit entitlements. Stay in control of your own budget. Assign, edit, and reassign licenses as you grow.



## PROCUREMENT TEAMS

Control licensing budgets and track ROI for technology spend. Improve budget planning with built-in price books and growth tracking.



# Go from a limiting single view to clear insights, recommendations, and delegated controls

**Licenses**

Subscriptions Requests Auto-claim policy

Select a product to view and assign licenses.  
[Go to Your products](#) to manage billing or buy more licenses.

Export Refresh

Name ↑	Available licenses	Assigned licenses	Account type
Enterprise Mobility + Security E5	0	20/20	Organization
Microsoft 365 E5 Compliance	0	20/20	Organization

**Microsoft 365 admin center**

Contoso

**Active users**

Add a user User templates Add multiple users Multi-factor authentication Delete a user Refresh Filter Search active users

Display name ↑	Username	Licenses
Adele Vance	AdeleV@M365x737618.OnMicrosoft.com	Microsoft 365 E5 Compliance, Enterprise Mobility + Security
Alex Wilber	AlexW@M365x737618.OnMicrosoft.com	Microsoft 365 E5 Compliance, Enterprise Mobility + Security
Allan Deyoung	AllanD@M365x737618.OnMicrosoft.com	Microsoft 365 E5 Compliance, Enterprise Mobility + Security

**AvePoint License Manager**

Ray Hill

Tenants:All User container groups:All Synchronized

**Dashboard**

- License report
- Billing
  - License unit cost
  - Budget
- Group management
- Settings
  - General settings
  - Inactive user alert
  - Authentication validation

**Licenses consumed by inactive users**

19 1

O365\_BUSINESS\_ESSENTIALS Dynamics 365 P1 Trial for Information Workers

[View all](#)

**License cost ranking (for the current month)**

	0	10000	12000
1 O365_BUSINESS_ESSENTIALS			
2 Dynamics 365 P1 Trial for Information Wor...			



# Key Feature: Subscription-based reports

Identify usage and adoption by subscription type.

Understand the impacts of line-item discounts, license upgrades, and premium SKUs from Microsoft

The screenshot displays the AvePoint License Manager interface. On the left is a dark sidebar with navigation options: Dashboard, License report (selected), Billing, License unit cost, Budget, Group management, and Settings. The main content area is titled 'License report' and has two tabs: 'Subscriptions' and 'Users' (selected). Below the tabs are buttons for 'Export now' and 'Manage export schedules'. A table lists subscription data with columns for 'Subscription name' and 'Licenses used by inactive users'.

Subscription name	Licenses used by inactive users
Azure Active Directory Premium P1	N/A
Dynamics 365 P1 Trial for Information Workers	1
Microsoft Power Automate Free	16

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# Key Feature: User-based reports

Activity tracking **identifies under-utilized** premium license types (i.e., PowerBI)

Regular exports can be scheduled so **business owners can track costs and pivot** on user info with procurement teams

The screenshot displays the AvePoint 'License report' interface. On the left is a dark sidebar menu with options: Dashboard, License report (selected), Billing, Group management, Settings, and Audit report. The main content area is titled 'License report' and includes tabs for 'Subscriptions' and 'Users' (selected). Below the tabs are links for 'Export now', 'Manage export schedules', 'View active time', and a '0 selected' indicator. A table lists users with columns for 'Tenant', 'Username', and 'User container group'. A dropdown menu is open on the right, showing selection options: All, Username (checked), E-mail address, User container group (checked), Licenses (checked), License cost (\$) (checked), PSTN cost (\$) (checked), Department, Company, Office, and Country/Region. 'Cancel' and 'Apply' buttons are at the bottom of the dropdown.

Tenant	Username	User container group
avepointats	[redacted]	East Team
avepointats	[redacted]	West Team
avepointats	[redacted]	East Team
avepointats	[redacted]	East Team
avepointats	[redacted]	East Team
avepointats	[redacted]	East Team
avepointats	[redacted]	East Team
avepointats	[redacted]	East Team
avepointats	[redacted]	East Team

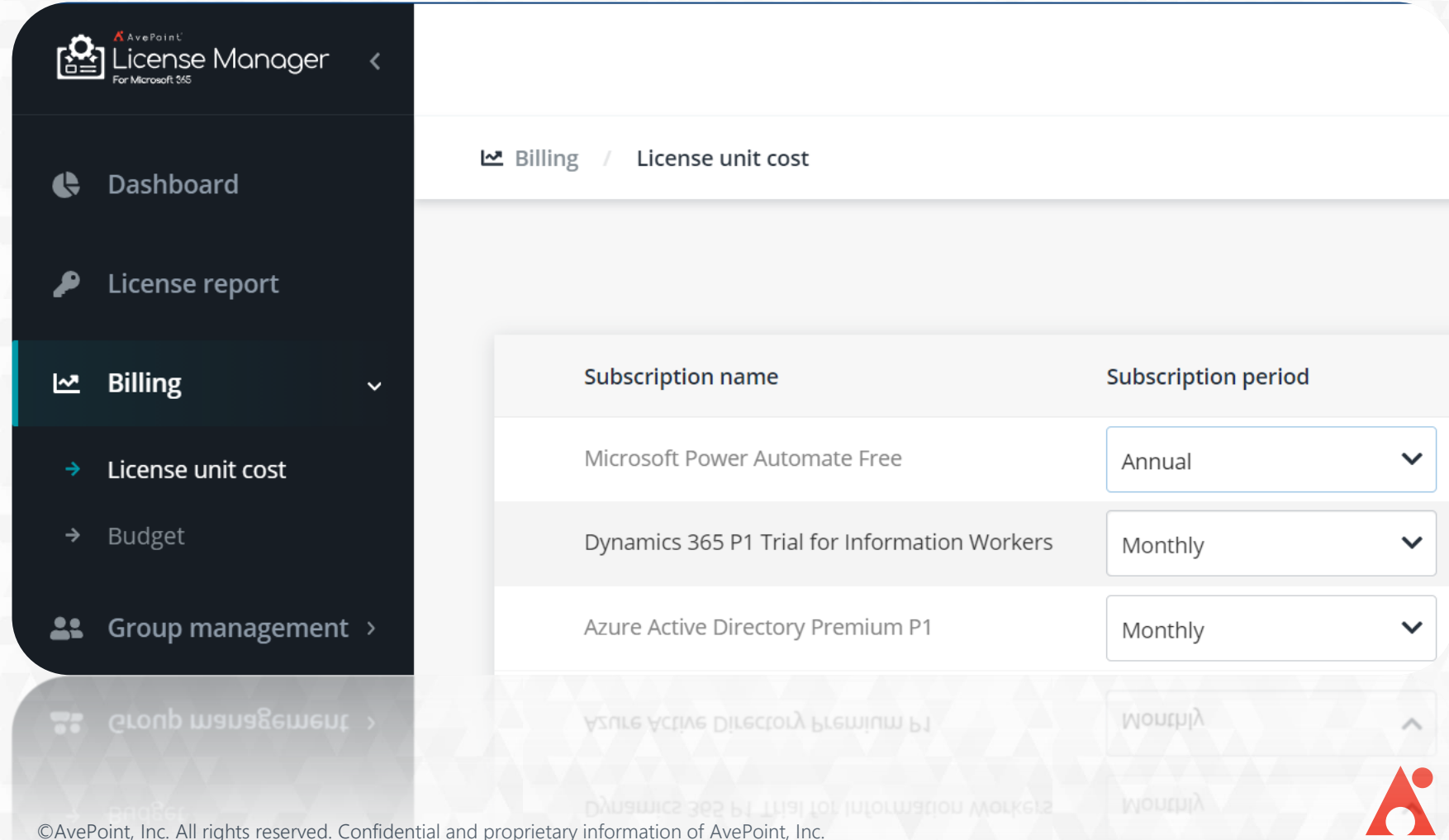


# Key Features: Price-book management

**Single-pane view** of all licenses under your Microsoft 365 subscription

**Build-in promotion schedules and price changes** to predict pricing and stay on top of budgets

Pursue volume discounting as you grow



The screenshot displays the AvePoint License Manager interface for Microsoft 365. The left sidebar contains navigation options: Dashboard, License report, Billing (selected), License unit cost, Budget, and Group management. The main content area shows the 'Billing' section with a sub-header 'License unit cost'. Below this is a table with two columns: 'Subscription name' and 'Subscription period'.

Subscription name	Subscription period
Microsoft Power Automate Free	Annual
Dynamics 365 P1 Trial for Information Workers	Monthly
Azure Active Directory Premium P1	Monthly

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# Key Feature: Budget management

Cross-tenant budgets **managed by business units**

**Security-trimmed views** of budgets within a tenant by department / region

**Alerts** based on spending changes, license inactivity

The screenshot displays the AvePoint Online Services interface. On the left, a navigation pane includes sections for Home, Management (with sub-items like App Management, Service Account, etc.), and Auto Discovery. Below this is a 'License Manager' sidebar with options for Dashboard, License report, Billing (selected), and Group management. The main content area is titled 'Containers' and lists 'Mailboxes', 'OneDrive for Business', 'SharePoint Sites', and 'Groups/Teams/Yammer Communities'. A red underline highlights 'Microsoft 365 Users'. Below this, there are checkboxes for 'Default Microsoft 365 User Container', 'Blocked Sign-In', 'East Region', and 'West Region', each with a 'View Details' link. A 'View Details' modal is open for the 'West Region', showing 'Scan Profile Name: ATS Dynamic Object Registration Profile', 'Rule Name: West Users', and 'Criteria and Conditions: Office Contains Seattle, Office Contains Chicago, Office Contains Dallas'. At the bottom, a 'Billing / Budget' section is visible, with tabs for 'Tenants' and 'User container groups'. The 'User container groups' tab is active, showing a table with budget data. A blue arrow points from a text box to the 'User container groups' tab.

**Containers**

Mailboxes OneDrive for Business SharePoint Sites Groups/Teams/Yammer Communities

Microsoft 365 Users

Batch Import Delete Remove Objects Only

- ☐ Default Microsoft 365 User Container [View Details](#)
- ☐ Blocked Sign-In [View Details](#)
- ☐ East Region [View Details](#)
- ☐ West Region [View Details](#)

**View Details**

Scan Profile Name: ATS Dynamic Object Registration Profile

Rule Name: West Users

Criteria and Conditions: Office Contains Seattle  
**Or** Office Contains Chicago  
**Or** Office Contains Dallas

**Billing / Budget**

Tenants User container groups

**Set budget**

Search by name

User container groups	Total budget (\$)	Consumed budget (\$)	Remaining budget (\$)	Status
East Team	100	285 Over budget	-185	Over budget
West Team	100	160 Over budget	-60	Over budget

Ray Hill

✓ Synchronized

Create user "containers" once, use them across Cense, PI, Backup, and more

# Key Feature: License “pools” for business owners

Hands-on assignment of available licenses by business owners

The screenshot displays the AvePoint License Manager interface. On the left is a dark sidebar with navigation options: Dashboard, License report, Billing (selected), License unit cost, Budget, Group management, and Settings. The main content area shows the 'Budget details of 'East Team'' with a status of 'Over budget'. It lists consumed and remaining budget amounts. Below this is a table of active licenses for the 'avepointats' tenant, showing subscriptions like 'O365\_BUSINESS\_ESSENTIALS' and 'Power BI (free)'. An overlay window titled 'Manage licenses for [tenant]' is open on the right, showing a list of selected licenses with columns for subscription name, assigned/total count, and available licenses.

Subscription name	Assigned/T...	Available li...
<input checked="" type="checkbox"/> O365_BUSINESS_ESSENTIALS	30/30	0
<input checked="" type="checkbox"/> Microsoft Power Automate Free	24/10000	9976
<input type="checkbox"/> Microsoft Stream Trial	1/1000000	999999
<input type="checkbox"/> Windows Store For Business	0/0	0
<input type="checkbox"/> OFFICE 365 E3	1/2	1
<input type="checkbox"/> OFFICE 365 E3	1/2	1
<input type="checkbox"/> WINDOWS STORE FOR BUSINESS	0/0	0



# Key Feature: Cost breakdown per user, dept

Costs can be broken down by individual users, business units

Tracking combines usage-based (variable) PSTN calling costs with fixed license costs across all licenses assigned

The screenshot displays the AvePoint License Manager interface. On the left is a dark sidebar with navigation options: Dashboard, License report, Billing (selected), License unit cost, Budget, Group management, and Settings. The main content area shows the 'Budget' section for 'User container group budget details'. A callout box highlights the 'Budget details of 'West Team'' summary, which includes: Consumed budget (\$): 160 (Over budget), Remaining budget (\$): -60, and Total budget (\$): 100. Below this, there are tabs for 'View active time' and 'Manage licenses'. A table lists user data with columns: Tenant, Username, Licenses, License cost (\$), PSTN cost (\$), and Last active time. The table shows four users from 'avepointats' with various licenses and a cost of 20 each, all with 'No activities'.

Budget visibility AND control

Budget details of 'West Team'

Consumed budget (\$): 160 Over budget Remaining budget (\$): -60 Total budget (\$): 100

View active time Manage licenses 0 selected Built-in ... Search by name

Tenant	Username	Licenses	License cost (\$)	PSTN cost (\$)	Last active time
avepointats	[redacted]	O365_BUSINESS_ESSENTIALS,Microsoft ...	20	0	No activities
avepointats	[redacted]	O365_BUSINESS_ESSENTIALS,Microsoft ...	20	0	No activities
avepointats	[redacted]	Power BI (free),O365_BUSINESS_ESSEN...	20	0	No activities
avepointats	[redacted]	O365_BUSINESS_ESSENTIALS	20	0	No activities



# Benefits Summary



## Meeting Your Required Capabilities with Cense



SIMPLE BUDGET VISIBILITY &  
MANAGEMENT



CENTRAL OR DELEGATED CONTROL  
TO MANAGE BUDGETS & MAKE  
CHANGES



AUTOMATION TO FLAG POTENTIAL  
ISSUES & OPPORTUNITIES



# Ensuring Collaboration Security

# Getting to the source of truth for “who has access”

## Teams Membership

Members

Channels

Analytics

Apps

Search for members



▶ **Owners (2)**

▼ **Members and guests (22)**

Name

Title

Location



Enrico Cattaneo

Attorney

14/1102



Pradeep Gupta

Accountant

98/2202



Emily Braun

Budget Analyst

97/2302

## Site Membership

Permissions



Manage site permissions or invite others to collaborate

Invite people

▼ **Site owners**

^ **Site members**



Adele Vance

Edit ▼



Alex Wilber

Edit ▼



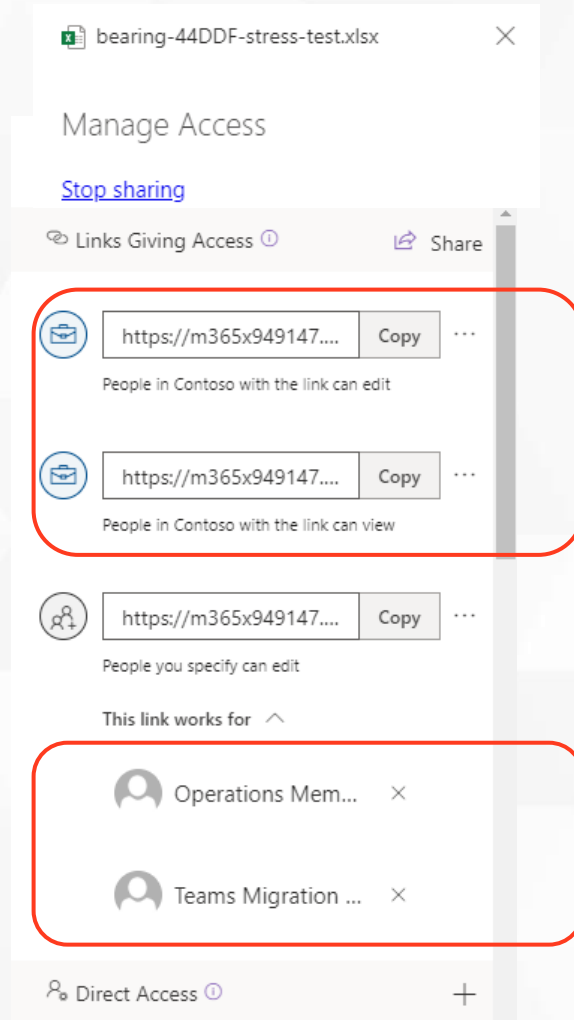
Allan Deyoung

Edit ▼



# Getting to the source of truth for “who has access”

## File-level Permissions



Where were these links pasted?

Who is/was in these groups?



# “Who has access”... Sharing is easy!

Sharing buttons in Office Apps: anonymous & unique permissions

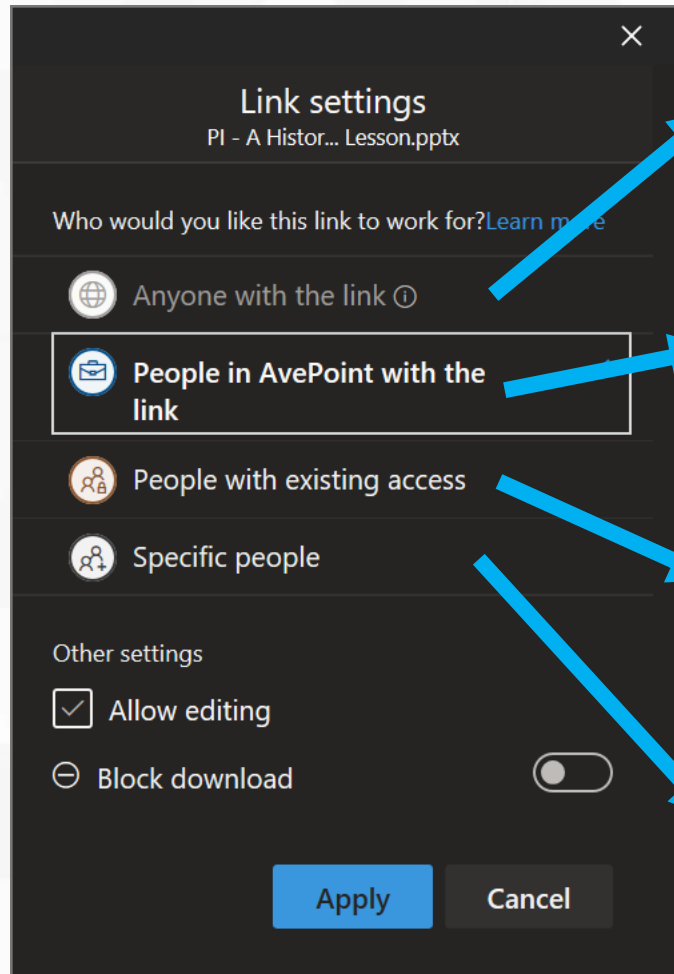
Teams 1-1 chats: stored in OneDrive with unique permissions

Private Channels: Get their own site, unique permissions

The screenshot displays the Microsoft Teams application interface. At the top, a red header bar contains a search bar and a 'Sign in' button. Below this, the 'Microsoft Teams' sidebar is visible on the left, showing a list of teams. The 'X1050 Launch Team' is selected, and its 'Distribution' channel is highlighted. A dashed box outlines the channel's content area, which includes a file named 'Governance-Cloud-First.pptx'. The file's metadata shows it was modified 'A few seconds ago' by 'MOD Administrator'. The interface also shows a 'Share' button in the top right corner of the channel view.



# Reminder: How we got here



## Anonymous Links (external too!)

- Usually disabled, but high risk if it's not!

## “Everyone except external”

- Super common in migration environments (it's just easier!)

## Implicit permissions from big groups

- Just who is in “PMRequest” anyway?

## Explicit people hiding in the wings

- Broken inheritance is the norm in Office Apps + Teams!



# How do you manage security settings?

The image is a collage of several overlapping screenshots from Microsoft 365 admin centers, illustrating various security and management settings. The top-most screenshot shows the 'Azure Active Directory admin center' with the 'Contoso Electronics' tenant selected. Below it, a 'SharePoint admin center' window is visible, showing the 'External sharing' settings. Another screenshot shows the 'Microsoft Teams admin center' with the 'Guest access' settings. A fourth screenshot shows the 'OneDrive' admin center. The 'Guest access' settings in the Teams admin center are the most prominent, showing options to 'Allow guest access in Teams' (toggleed On), 'Make private calls' (toggleed On), and 'Allow IP video' (toggleed On). The 'Screen sharing mode' is set to 'Entire screen'. The 'External sharing' settings in the SharePoint admin center show options for 'Who can share' (Let anyone share) and 'Default link sharing' (Anyone with the link).

**Azure Active Directory admin center**

Contoso Electronics | SharePoint admin center

Home | Sites | Active Directory | Policies | Sync | Storage | Sharing | Device | Compliance | Notifications | Data management | OneDrive | Data management

**External sharing**

Contoso Electronics | SharePoint admin center

Who can share: Let anyone share

Default link sharing: Anyone with the link

**Microsoft Teams admin center**

Dashboard | Teams | Devices | Locations | Users | Meetings | Messaging policies | Teams apps | Voice | Analytics & reports | Org-wide settings

**Guest access**

Guest access in Teams lets people outside your organization access teams and channels. You can use the settings below to control which features guest users can or can't use. [Learn more](#)

Allow guest access in Teams: On

**Calling**

Manage calling specific controls for guest users.

Make private calls: On

**Meeting**

Turn on or turn off settings for guests in meetings.

Allow IP video: On

Screen sharing mode: Entire screen

# With research we can try to find...

An external user (Roy) has access to this Team.

A document has been accessed 10 times in the past month.

This Team contains sensitive information

**Permissions Reports**

**Audit Reports**

**DLP Reports**



Powershell experts  
can get me  
Permissions  
Reports. But, they  
don't tell me the  
whole story...

A	B	C	D	E	F	G
Path	Title/Name	Level	Username	Display Name	E-mail	Account Type
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/mary.preston	Mary Preston	mary.preston@ave.com	User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/susan.adams	Susan Adams	susan.adams@ave.com	User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/simon.chen	Simon Chen		User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/ben.miller	Ben Miller		User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/chris.turner	Chris Turner		User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/wojciech.gajda	Wojciech Gajda	Wojciech.Gajda@ave.com	User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/julie.mccoy	Julie McCoy	julie.mccoy@ave.com	User
http://intranet/demo/Sales/Shared Documents/North East Invoices/Migration and Tagging pptx	Migration and Tagging pptx	Item	i:0# wjave/jericho.ren	Jericho Ren		User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/warren.villanueva	Warren Villanueva	warren.villanueva@ave.com	User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/brian.goldstein	Brian Goldstein	Brian.Goldstein@ave.com	User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	HR Owners	HR Owners		SharePoint Group
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/susan.adams	Susan Adams	susan.adams@ave.com	User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/laura.callahan	Laura Callahan		User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/ben.miller	Ben Miller		User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/ray.hill	Ray Hill	ray.hill@ave.com	User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/frank.wilson	Frank Wilson		User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/daniel.attardi	Daniel Attardi	Daniel.Attardi@ave.com	User
http://intranet/demo/HR/Shared Documents/GA Slide.pptx	GA Slide.pptx	Item	i:0# wjave/jericho.ren	Jericho Ren		User
http://intranet/demo/C-SDemo/_catalogs/users	User Information List	List	i:0# wjave/daniel.attardi	Daniel Attardi	Daniel.Attardi@ave.com	User
http://intranet/demo/InformationTechnology/Project Documents/GASubSiteDirectory.wsp	GASubSiteDirectory.wsp	Item	i:0# wjave/warren.villanueva	Warren Villanueva	warren.villanueva@ave.com	User
http://intranet/demo/InformationTechnology/Project Documents/GASubSiteDirectory.wsp	GASubSiteDirectory.wsp	Item	c:0 (s)true	Everyone		Domain Group
http://intranet/demo/InformationTechnology/Project Documents/GASubSiteDirectory.wsp	GASubSiteDirectory.wsp	Item	i:0# wjave/da_admin	DA_Admin		User
http://intranet/demo/InformationTechnology/Project Documents/GASubSiteDirectory.wsp	GASubSiteDirectory.wsp	Item	i:0# wjave/nt_authority\system	NT AUTHORITY\system		User
http://extranet/sites/HR/Lists/TaxonomyHiddenList	TaxonomyHiddenList	List	c:0 (s)true	Everyone		Domain Group
http://intranet/demo/InformationTechnology/Project Documents/AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	Item	i:0# wjave/warren.villanueva	Warren Villanueva	warren.villanueva@ave.com	User
http://intranet/demo/InformationTechnology/Project Documents/AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	Item	c:0 (s)true	Everyone		Domain Group
http://intranet/demo/InformationTechnology/Project Documents/AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	Item	i:0# wjave/da_admin	DA_Admin		User
http://intranet/demo/InformationTechnology/Project Documents/AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	AvePoint File Share Navigator vs Connect AvePoint File Share Navigator vs C	Item	i:0# wjave/nt_authority\system	NT AUTHORITY\system		User
http://ave2013prodwfe:7777/sites/Powell_Industries/Lists/TaxonomyHiddenList	TaxonomyHiddenList	List	c:0 (s)true	Everyone		Domain Group
http://intranet/demo/ArchiveListItems	ArchiveListItems	Site	i:0# wjave/warren.villanueva	Warren Villanueva	warren.villanueva@ave.com	User
http://intranet/demo/ArchiveListItems	ArchiveListItems	Site	Excel Services Viewers	Excel Services Viewers		SharePoint Group
http://intranet/demo/ArchiveListItems	ArchiveListItems	Site	ArchiveListItems Owners	ArchiveListItems Owners		SharePoint Group
http://intranet/demo/ArchiveListItems	ArchiveListItems	Site	ArchiveListItems Visitors	ArchiveListItems Visitors		SharePoint Group
http://intranet/demo/ArchiveListItems	ArchiveListItems	Site	ArchiveListItems Members	ArchiveListItems Members		SharePoint Group
http://intranet/demo/InformationTechnology/Notification Pages	Notification List	List	i:0# wjave/warren.villanueva	Warren Villanueva	warren.villanueva@ave.com	User
http://intranet/demo/InformationTechnology/Notification Pages	Notification List	List	i:0# wjave/ben.miller	Ben Miller	Ben.Miller@ave.com	User
http://intranet/demo/InformationTechnology/Notification Pages	Notification List	List	InformationTechnology Owners	InformationTechnology Owners		SharePoint Group
http://intranet/demo/InformationTechnology/Notification Pages	Notification List	List	i:0# wjave/brian.wauna	Brian Wauna	brian.wauna@ave.com	User

How do I prioritize? Anything  
sensitive in the files and sites?

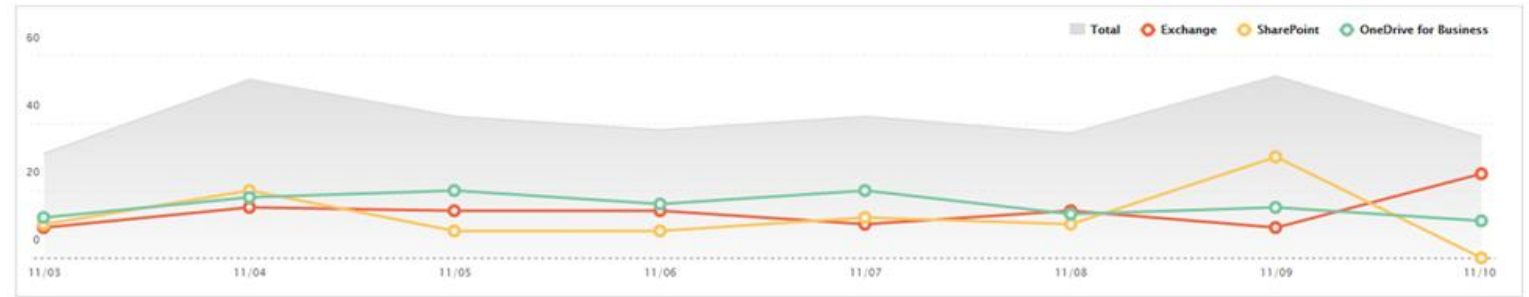
Labels give some insight...

(Sensitivity is indexed in E3. Scripting gets you access. But any action requires E5)

### DLP policy matches

Show data for All policy matches Break down by Services ...

Filters



Date	Rule	Item	Last modified by	Sensitive Information	Sensitive Information count	Severity	Action
2016-11-03T02:56:04	High Volume of Content...	2015 Employee Roster.xlsx	sarad@contos...	Credit Card Number	7	Low	GenerateIncidentReport
2016-11-03T02:56:05	High Volume of Content...	2016-Q1 Expense Accoun...	sarad@contos...	Credit Card Number	3	Low	NotifyUser
2016-11-03T02:56:06	High Volume of Content...	2016-Q2 Expense Accoun...	sarad@contos...	Credit Card Number	4	Low	
2016-11-03T02:56:07	High Volume of Content...	2016-Q3 Expense Accoun...	admin@cont...	Credit Card Number	2	Low	SetAuditSeverityLow
2016-11-03T02:56:08	High Volume of Content...	Company Picnic.xlsx	janed@cont...	Credit Card Number	21	High	NotifyUser
2016-11-03T02:56:09	High Volume of Content...	Expenses-QR1-2016.pptx	janed@cont...	Credit Card Number	14	High	
2016-11-03T02:56:10	High Volume of Content...	New Item Order Form 20...	janed@cont...	Credit Card Number	8	High	SetAuditSeverityLow
2016-11-03T02:56:13	High Volume of Content...	New Item Order Form 20...	janed@cont...	Credit Card Number	12	High	GenerateIncidentReport
2016-11-03T02:56:14	High Volume of Content...	New Item Order Form 20...	janed@cont...	Credit Card Number	18	High	NotifyUser

Feedback

... but must aggregate with permissions for a better picture. And, has it been accessed?

# Finding sensitive information in M365 (E3)

DLP Policies allow for notifications, as well as visibility into where sensitive content exists.

## DLP Policy Rule One

Name Conditions Exceptions Actions User notifications User overrides Incident reports Options

We'll apply this policy to content that matches these conditions.

Content contains

Any of these

### Sensitive info type

	Instance count		Match accuracy		
	min	max	min	max	
U.S. Bank Account Number	1	any	75	100	×
U.S. Driver's License Number	1	any	75	100	×
U.S. Individual Taxpayer Identification Number (ITIN)	1	any	75	100	×
U.S. Social Security Number (SSN)	1	any	75	100	×

Add

+ Add group

Content is shared

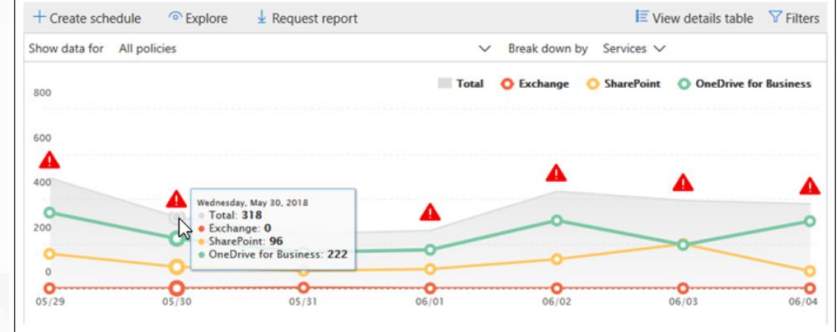
- only with people inside my organization
- only with people inside my organization
- with people outside my organization

+ Add a condition

Notifications for internal or external sharing.

## DLP policy matches

Use data loss prevention (DLP) policies to help identify and protect your organization's sensitive information. For example you can set up policies to help make sure information in email and docs isn't shared with the wrong people.



Audit activity  
can see if bad  
behavior has  
occurred...

## Audit log search

Need to find out if a user deleted a document or if an admin reset someone's password? Search the Office 365 audit log to find out what the users and admins in your organization have been doing. You'll be able to find activity related to email, groups, documents, permissions, directory services, and much more. [Learn more about searching the audit log](#)

### Search

Clear

Activities

Show results for all activities

Start date

2018-06-15

00:00

End date

2018-06-21

00:00

Users

Show results for all users

File, folder, or site

Add all or part of a file name, folder name, or URL.

Search

+ New alert policy

Results 150 results found (More items available, scroll down to see more.)

Filter results

Export results

Save loaded results

Download all results

Date	IP address	User	Activity	Item	
2018-06-20 09:21:36		j	User signed in to Tea...	Windows (27/1.0.0.20...	
2018-06-20 09:14:13		c	User signed in to Tea...	windows (27/1.0.0.20...	
2018-06-20 08:51:38	.236	j	Accessed file	AllItems.aspx	Accessed from "Share...
2018-06-20 08:51:14	.236	S	UserLoggedIn	00000002-0000-0000...	
2018-06-20 08:46:23	.5	c	SearchQueryPerformed	5a404152-b318-4993...	
2018-06-20 08:44:24	.236	j	Accessed file	FreshPaint-7-2016.03....	Accessed from "Docu...
2018-06-20 08:44:23	.236	j	Accessed file	FreshPaint-6-2015.12....	Accessed from "Docu...
2018-06-20 08:31:37	.236	j	UserLoggedIn	00000002-0000-0000...	
2018-06-20 08:31:26	.236	j	UserLoggedIn	0f698dd4-f011-4d23-...	
2018-06-20 08:31:25	.236	j	UserLoggedIn	00000002-0000-0ff1-...	
2018-06-20 08:31:25	.236	j	UserLoggedIn	Unknown	
2018-06-20 08:31:20	.236	j	UserLoggedIn	00000002-0000-0000...	
2018-06-20 08:27:59	.236	j	Accessed file	AllItems.aspx	Accessed from "Share...

...but that's a lot of logs to sort through!

In summary, to find who has access to what, and understand if there is a problem, I must...

## Aggregate and compare

- Inherited Permissions (Via SP, AD Groups)
- Explicit Permissions (Audits or PS Reports)
- PS Report on External or Internal links

## With sensitive file locations

- DLP Compliance Reports
- Sensitivity Labels
- Retention Labels

Then to be safe, I need to run an activity audit



AvePoint

# Policies & Insights (PI)

For Microsoft 365

**Find and prioritize**  
what matters

---



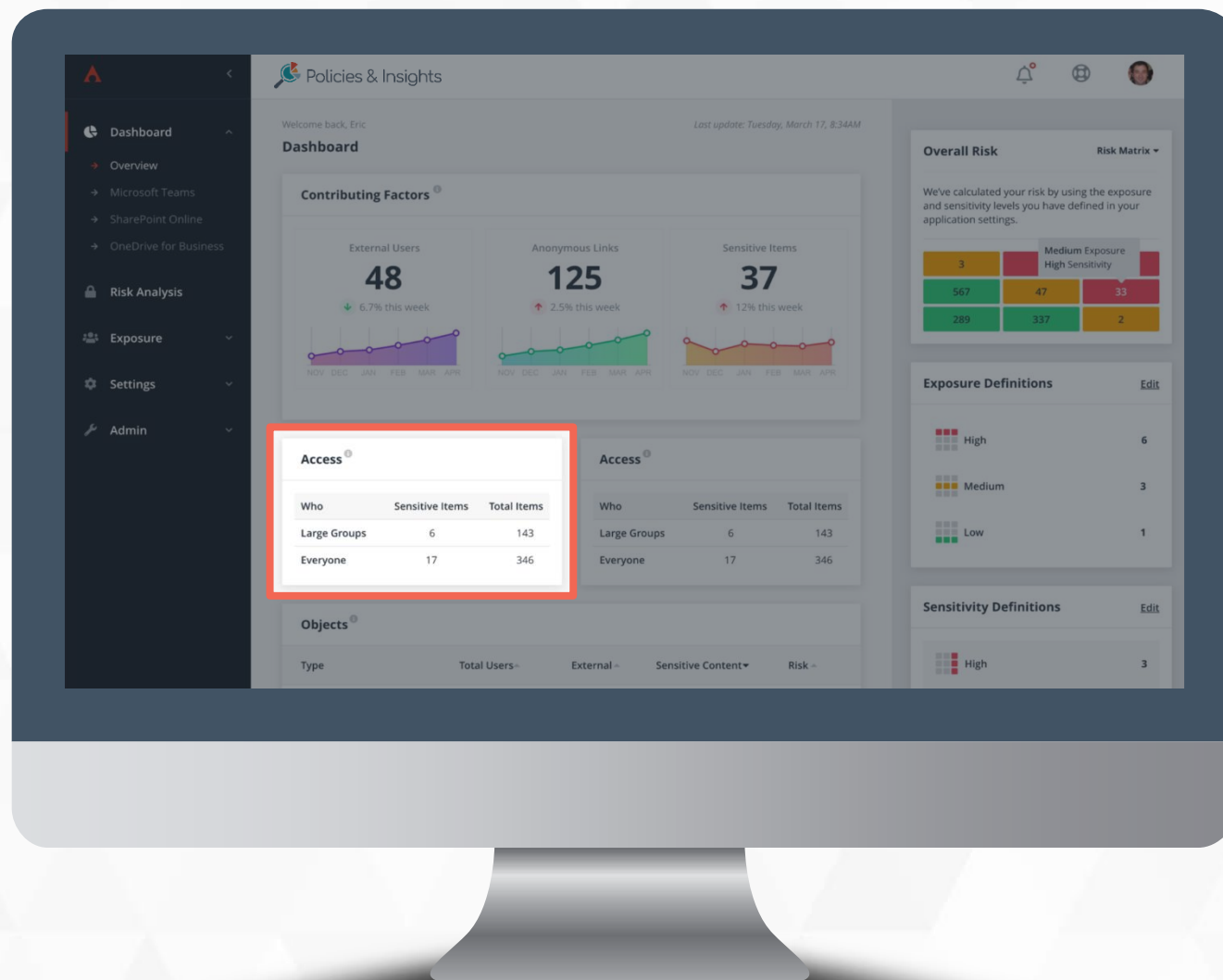
**Monitor and fix**  
exposure hot spots

---

**Enforce and prevent**  
security risks overtime

---

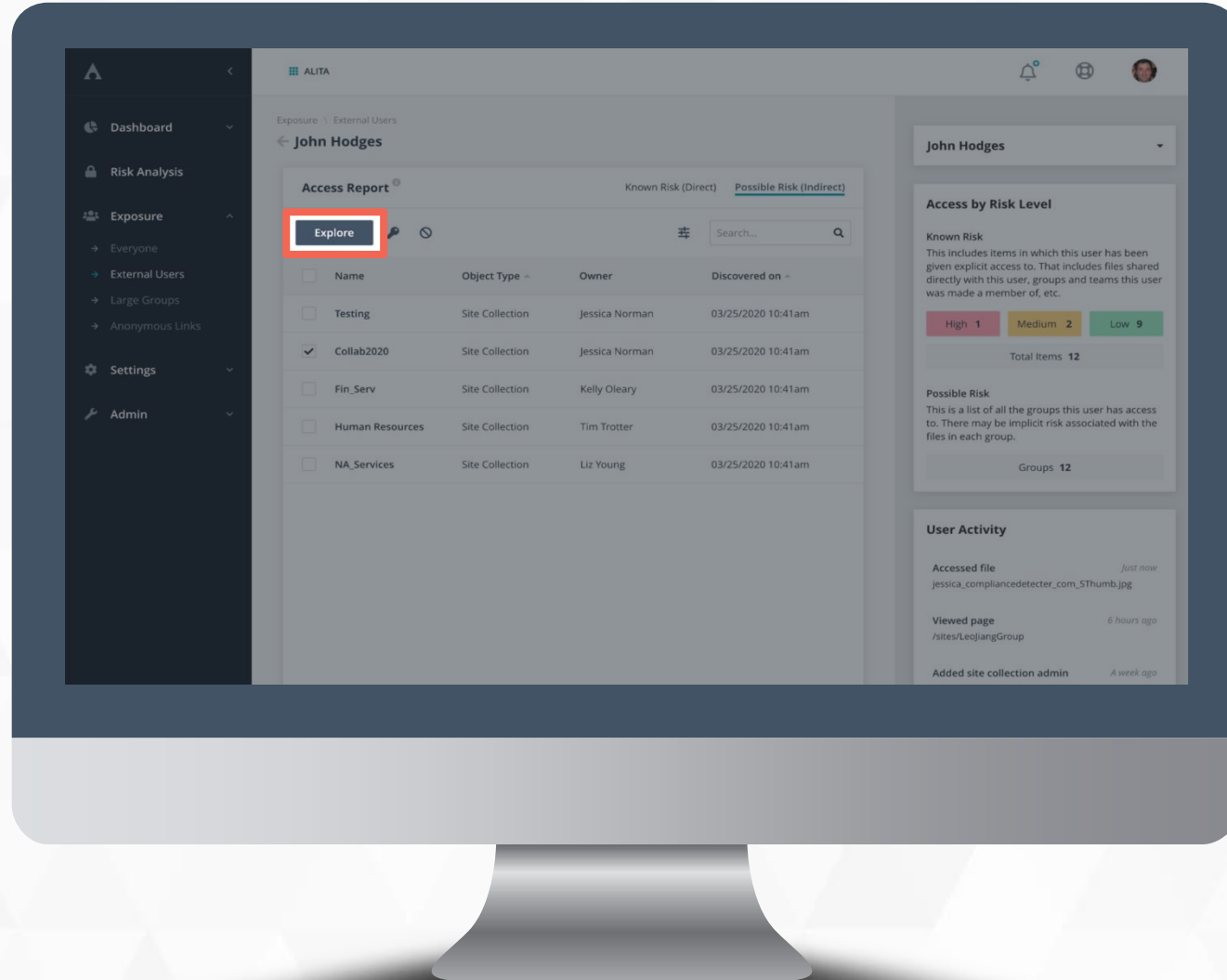




Highlighting high-risk scenarios in your environment

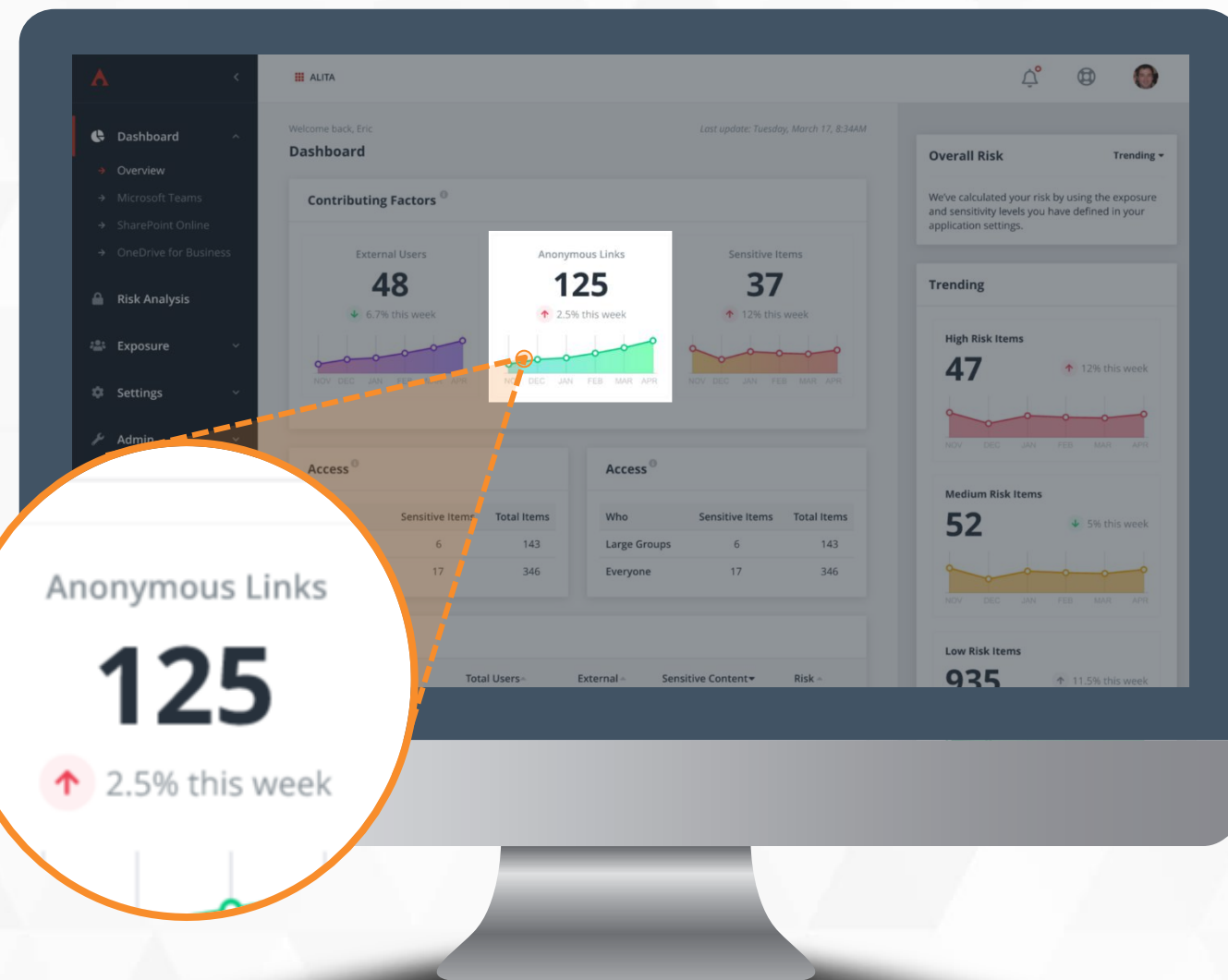
Reducing false-positives by working with native Microsoft sensitive information types\*

\*(Office 365 E3 feature)



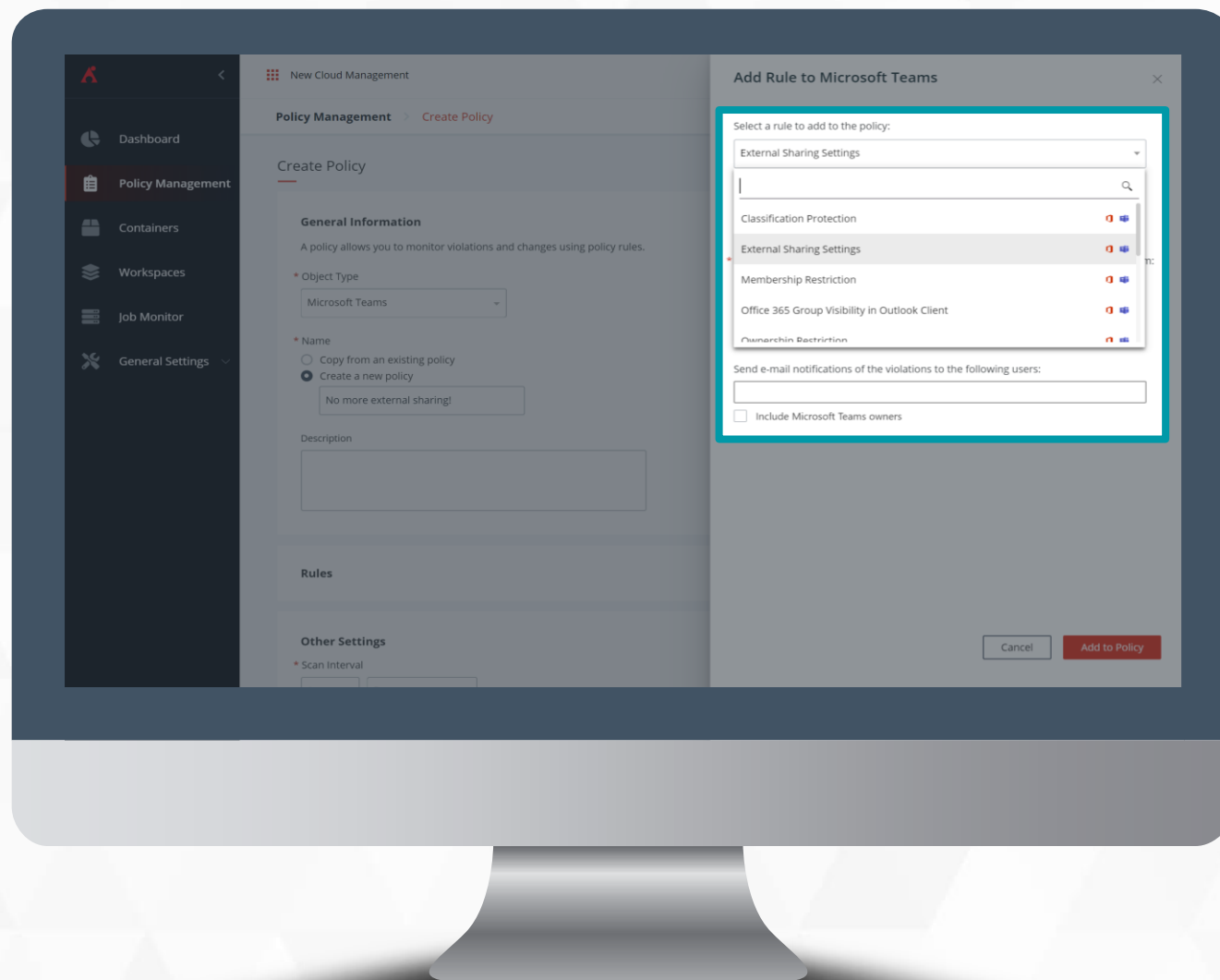
Cached Permissions support quick-reports on Users, Groups, Teams, Anonymous Links, and External Users

Integration with Cloud Governance Renewals for Permission Reporting



Tracking risk over time to understand changes to your environment

Proactive policy enforcement for Groups, Teams, and other services to protect content



Craft policies that can adapt to the way your teams work and block the most common risks in your Microsoft 365 environment!

# Apply corrective actions

From

An external user (Roy) has access to this Team.

A document has been accessed 10 times in the past month.

This Team contains sensitive information

to

Roy, an external user, has access to confidential info and has accessed it 10 times this past month.

Now let's restrict his access with a policy that blocks external users Roy from "sensitive" Teams!

to

Sarah granted Roy access to this file, but we reverted it and sent Sarah a notification as to why.

# Organizations see more value from their M365 Collaboration Tools

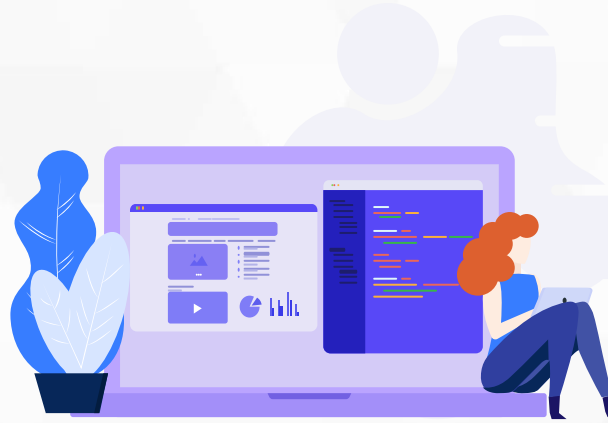
PI provides a common framework to enable secure collaboration



**Marco**  
*IT Director*

## Drive IT Efficiency

Take the guess work out of security management. Built-in best practices help you stay aligned to security team priorities. Automated controls take complexity out of configuration. Stay focused on higher-value projects while PI takes care of the rest.



**Dana**  
*Security Officer*

## Reduce Risk

Automation ensures consistent policy implementation. Get the insight you need, fast. Security reporting makes audits easy, and dashboards monitor risk trends



**John**  
*Business Owner*




## Increased ROI

Improve productivity and user adoption with the latest collaboration tools. Security features baked in so you can rest easy and focus on driving maximum business results.




# Let's Connect



Dux Raymond Sy  
Microsoft RD + MVP | AvePoint  
   @meetdux  
<http://dux.sy>



Sharon Weaver  
Microsoft RD | Smarter Consulting  
 @sharoneweaver

*thank  
you*

# Gracias

ευχαριστώ

# Danke

# Grazie

благодаря

# Hvala

# Obrigado

# Kiitos

شكراً

# Tak

# Ahsante

## Teşekkürler

متشکرم

# Salamat Po

감사합니다

Cám ơn

# شکر یہ

# Terima Kasih

**Dank u Wel**

# Děkuji

நன்றி

# Köszönöm

ありがとうございます

ขอบคุณครับ

# Dziękuję

谢谢

# Tack

# Mulțumesc

спасибо

# Merci

תודה

多謝晒

# дякую

# Ďakujem

# ધન્યવાદ