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Dutch Information Worker User Group

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Netherlands

Office 365 Unified Labels

Designing a secure collaboration solution

Bram de Jager
Lead Architect, delaware Netherlands | MVP | MCM

delaware

MVP Microsoft® Most Valuable Professional

Microsoft® CERTIFIED Solutions Master

Agenda

Information Protection basics

Demo

What's next

Wrap-up

Information Protection basics

The Microsoft Security Platform with Information Protection as key element

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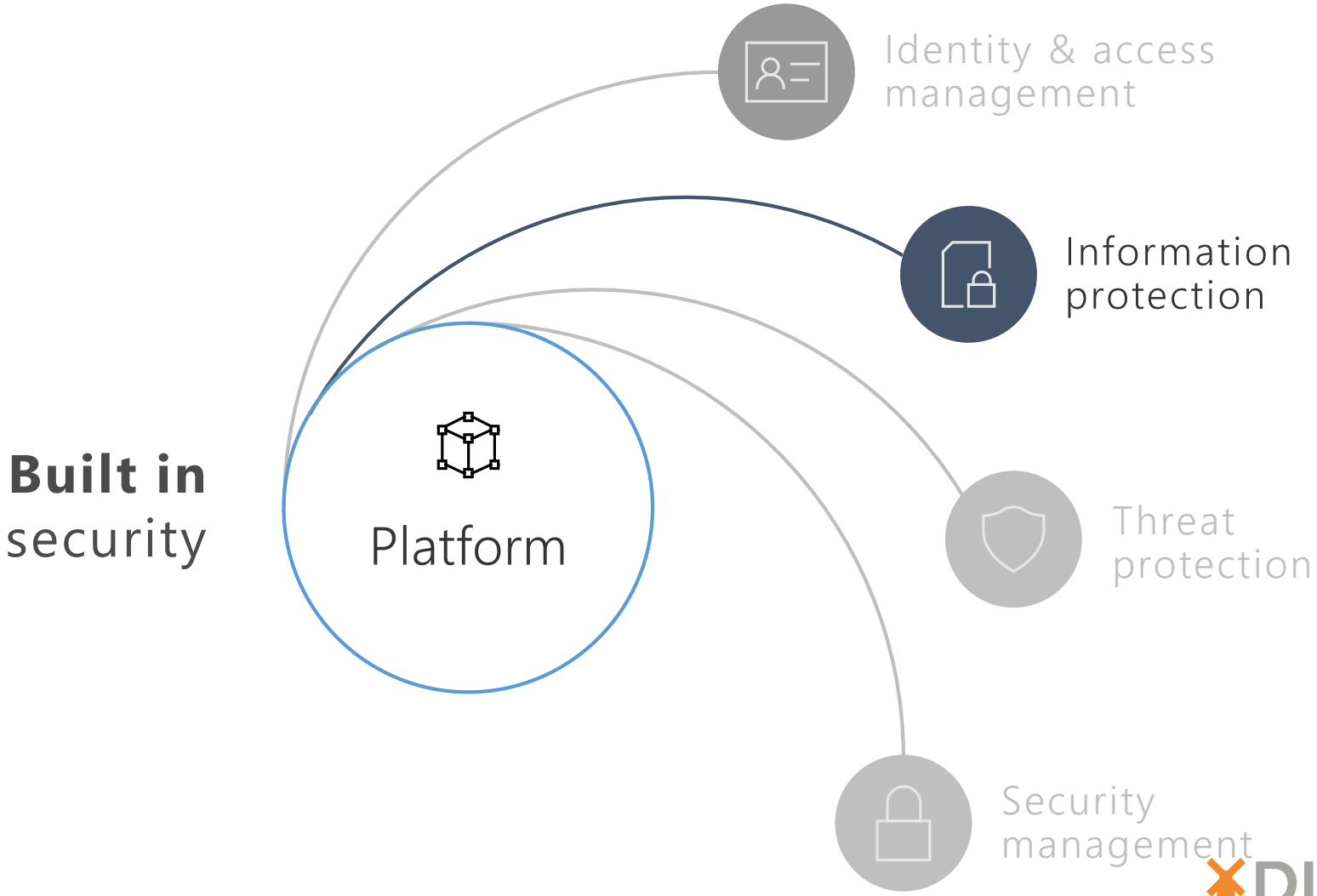
Microsoft Security Platform



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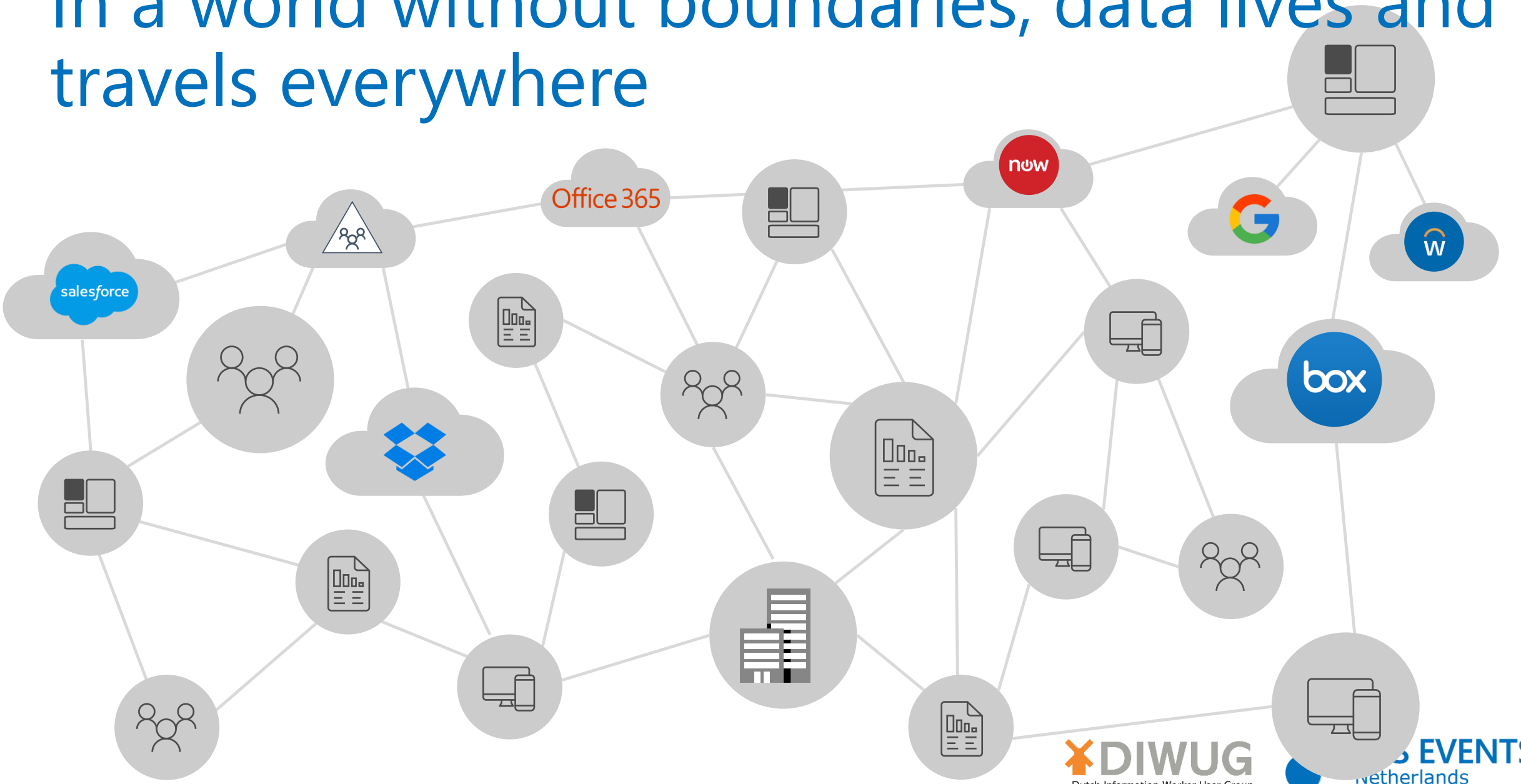
In a world without boundaries, data lives and travels everywhere



Do you have a strategy to protect your most valuable data?

Do you know where your sensitive data resides?

Are you using multiple solutions to discover, classify, label, and protect sensitive data?

Do you have control of your data as it travels inside and outside of your organization?

Sensitive data is at risk

80 % of employees use non-approved SaaS apps at work

85 % of enterprise organizations keep sensitive information in the cloud

88 % of organizations no longer have confidence to detect and prevent loss of sensitive data

58 % Have accidentally sent sensitive information to the wrong person

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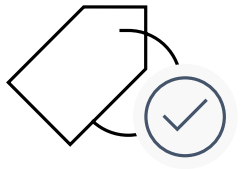
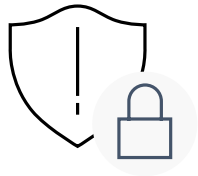
Microsoft Information Protection

Discover



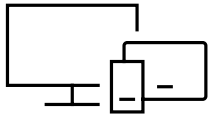
Classify



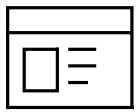
Protect

Monitor

Across



Devices



Apps

Cloud services

On-premises

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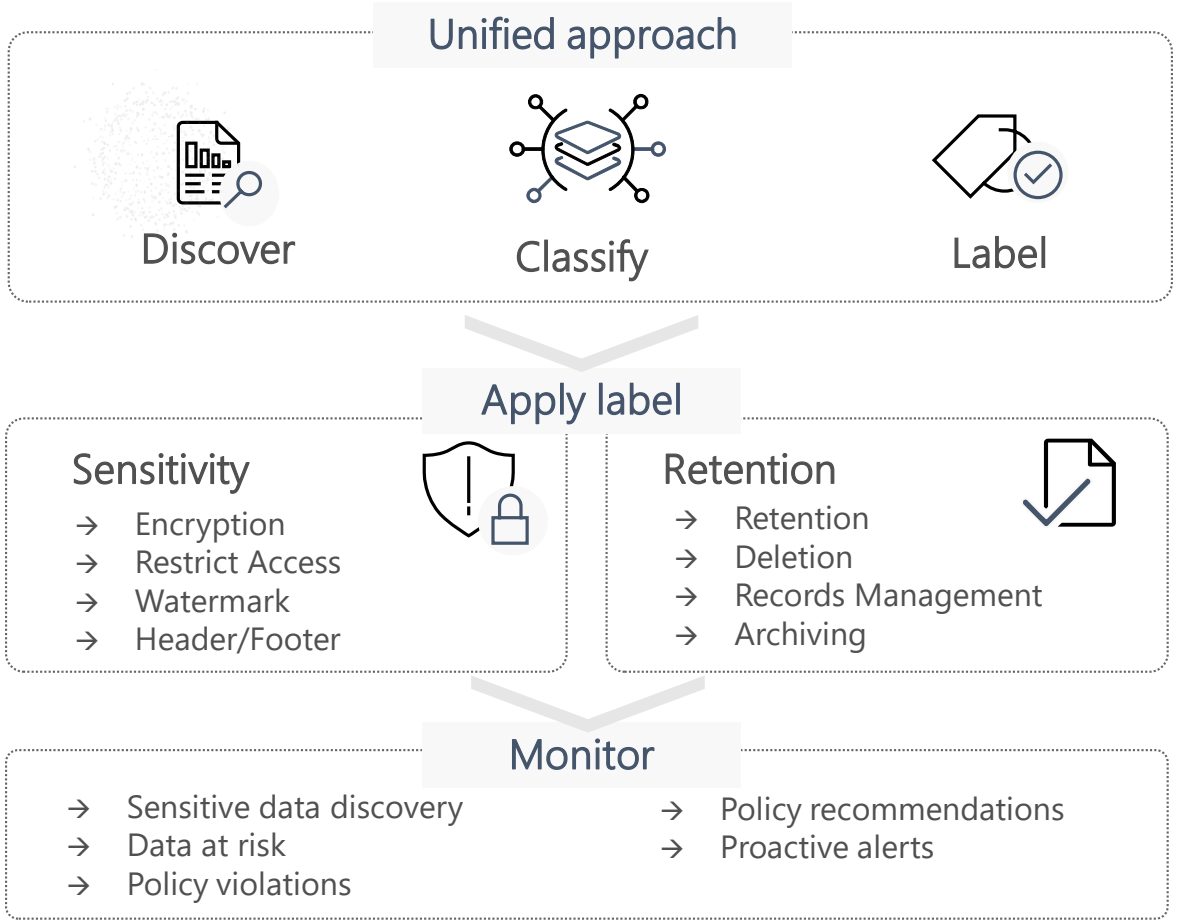
Data protection & data governance go hand-in-hand

Unified approach to discover, classify & label

Automatically apply policy-based actions

Proactive monitoring to identify risks

Broad coverage across locations



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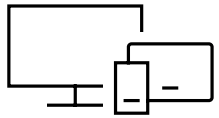
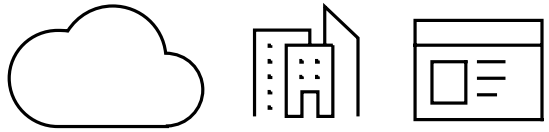
Microsoft Information Protection
The way it was

Office 365 Information Protection



Windows Information Protection



Azure Information Protection

What	Preserve or remediate emails & documents	Protect files and documents	Classify & Protect emails & documents
Where	Office 365 Apps & Services	Windows Clients & Devices	Office Clients, 3rd party Apps & Services, On Premises
How	Office 365 Security Console	Intune Portal	AIP Portal

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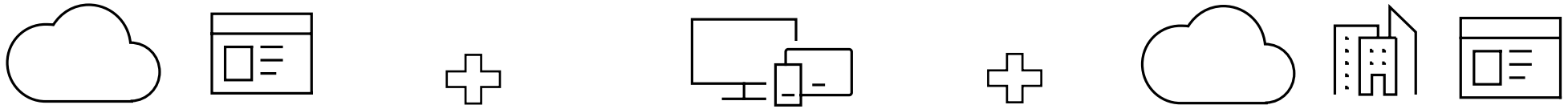
Microsoft Information Protection
Going forward



Office 365 Information Protection + **Windows Information Protection** + **Azure Information Protection**

What	Consistent content detection and classification to protect and preserve sensitive data
Where	Office 365 apps & services, Windows clients & desktops, mobile, on premises + 3rd party apps and services
How	Microsoft 365 Security and Compliance Center

What is a sensitivity label?

Tag that is customizable, readable by other systems, and persistent.

It becomes the basis for applying and enforcing data protection policies.

In files and emails, the label is persisted as document metadata

In SharePoint Online, the label is persisted as container metadata

Demo Information Protection

Azure Information Protection and Unified Labels in practice

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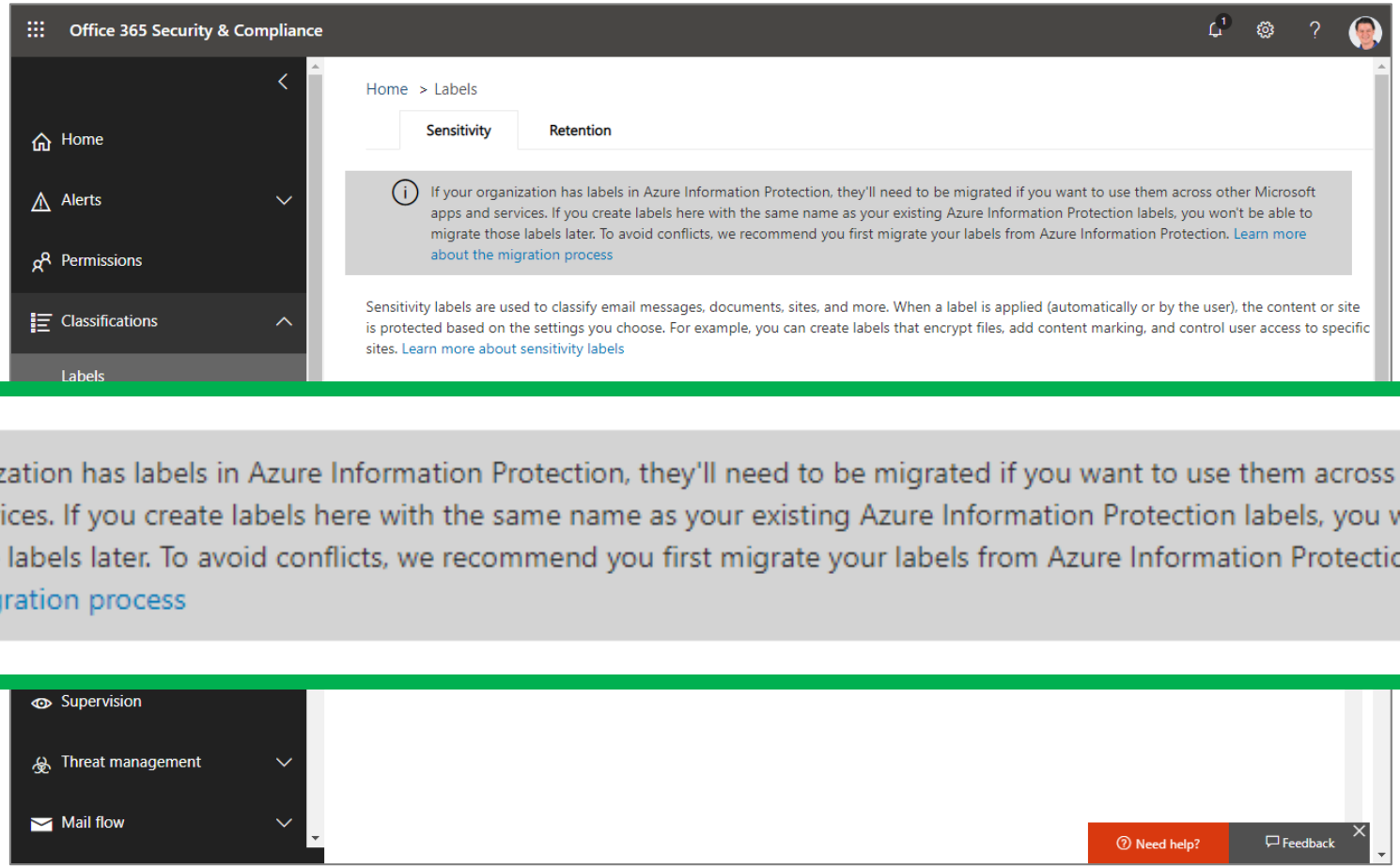
Before you start, a note on migrate first!



If your organization has labels in Azure Information Protection, they'll need to be migrated if you want to use them across other Microsoft apps and services. If you create labels here with the same name as your existing Azure Information Protection labels, you won't be able to migrate those labels later. To avoid conflicts, we recommend you first migrate your labels from Azure Information Protection. Learn more about the migration process

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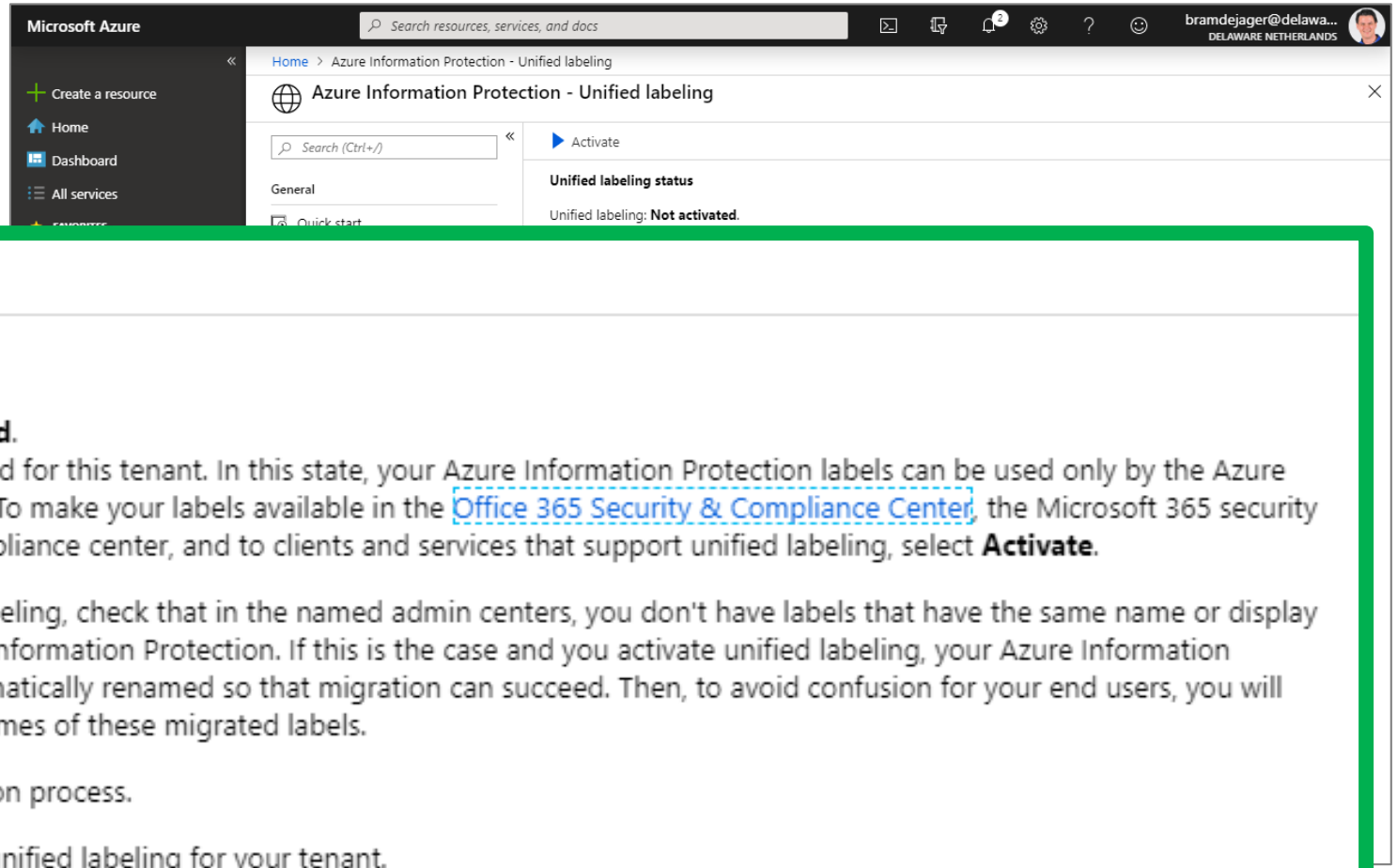
Before you start, Unified Labeling not activated



Activate

Unified labeling status

Unified labeling: **Not activated**.
Unified labeling is not activated for this tenant. In this state, your Azure Information Protection labels can be used only by the Azure Information Protection client. To make your labels available in the Office 365 Security & Compliance Center, the Microsoft 365 security center and the Microsoft compliance center, and to clients and services that support unified labeling, select **Activate**.

Before you activate unified labeling, check that in the named admin centers, you don't have labels that have the same name or display name as your labels in Azure Information Protection. If this is the case and you activate unified labeling, your Azure Information Protection labels will be automatically renamed so that migration can succeed. Then, to avoid confusion for your end users, you will have to change the display names of these migrated labels.

Learn more about the migration process.

Note: you cannot deactivate unified labeling for your tenant.

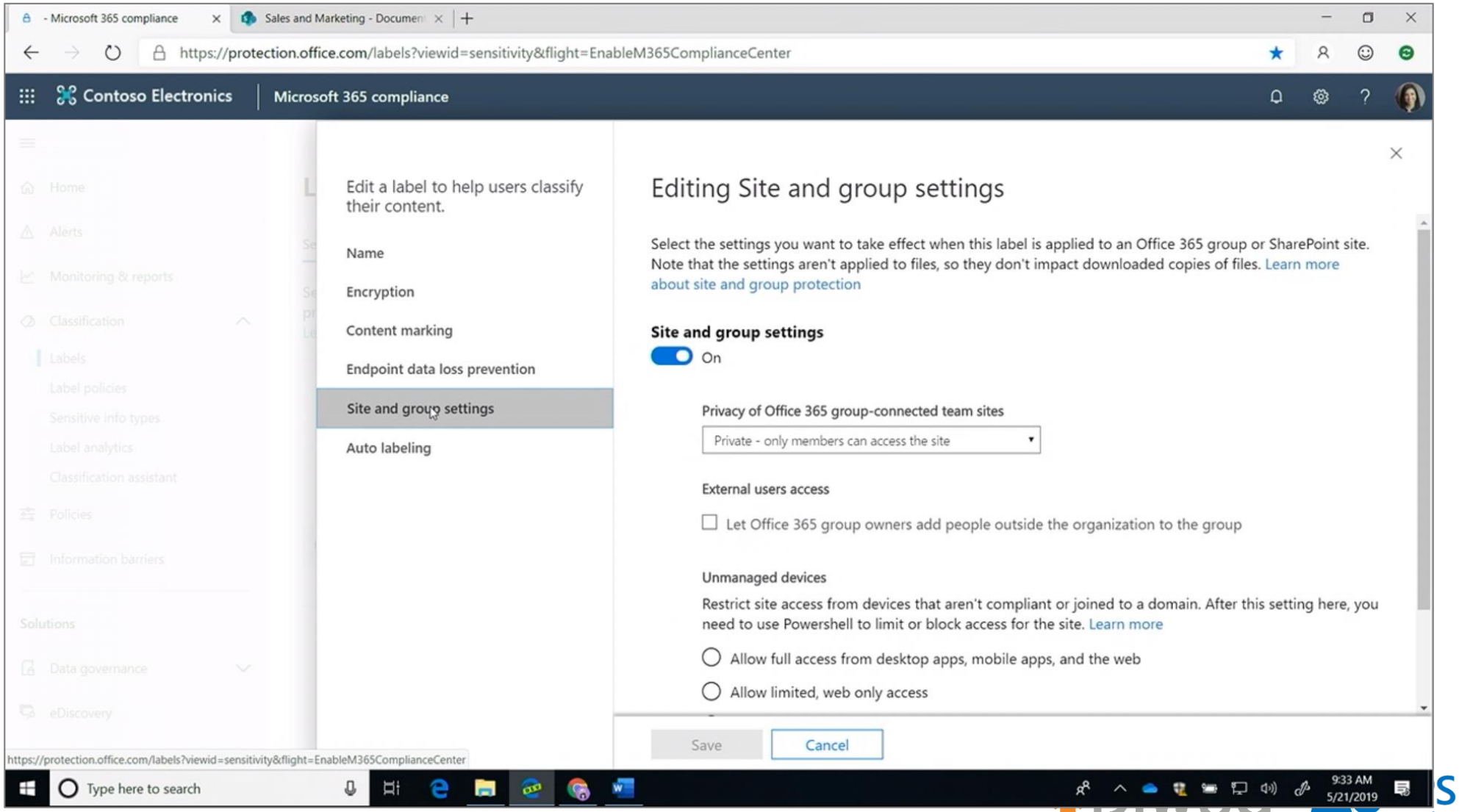
Where the Unified Label feature is available today?

Platform	Application	Availability
Mac	Word, Excel, PowerPoint, Outlook	Version 16.21.0+
Android	Word, Excel, PowerPoint	Version 16.0.11231+
	Outlook	Coming in the first half of calendar year 2019
iOS	Word, Excel, PowerPoint	Version 2.21+
	Outlook	Coming in the first half of calendar year 2019
Windows	Word, Excel, PowerPoint, Outlook	Coming soon to the Office Insider program
Web	Word, Excel, PowerPoint	To be announced
	Outlook Web Access	To be announced

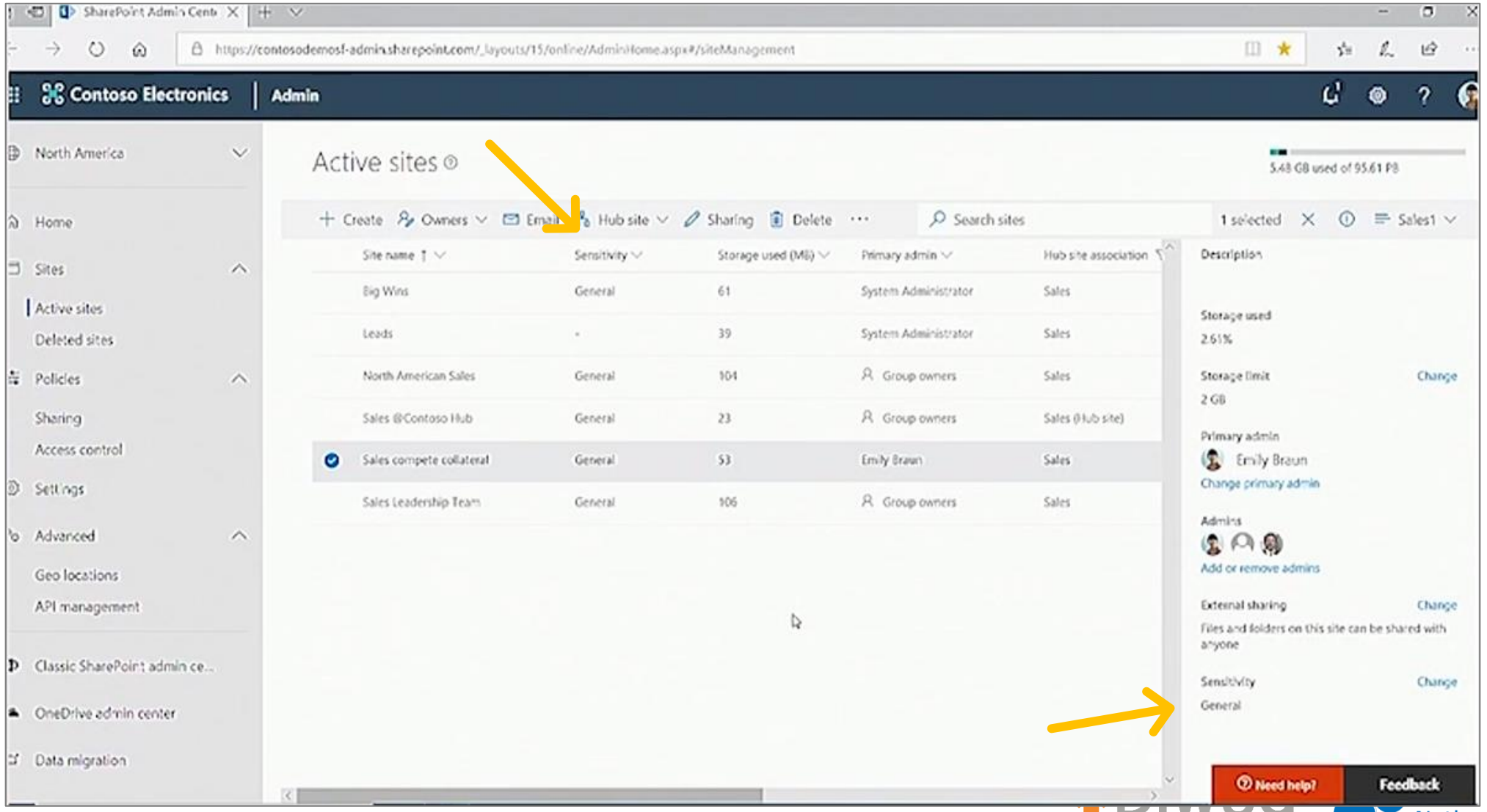
What's next?

Why would an organization want move to Unified Labels?

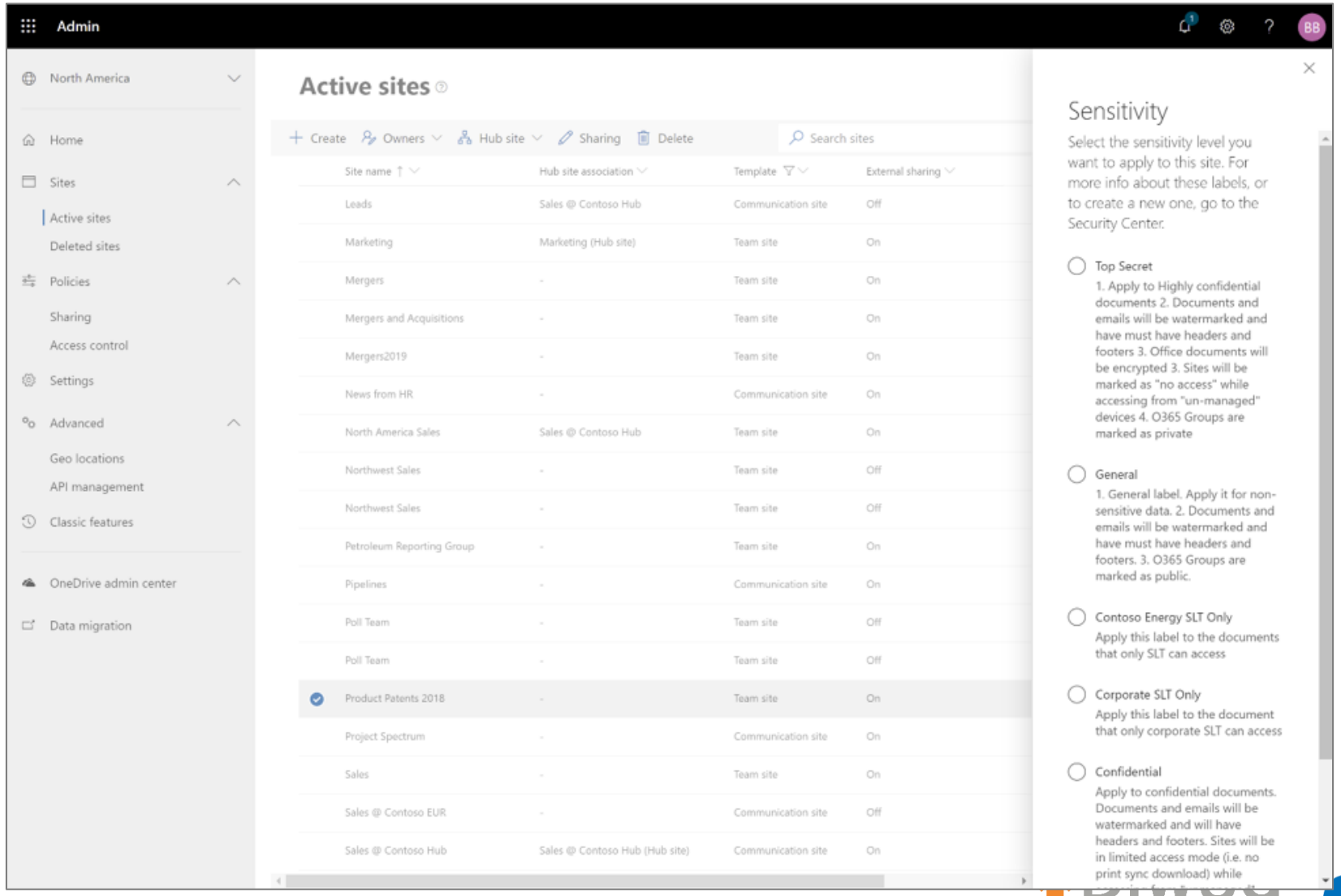
Sensitivity Site and Group settings



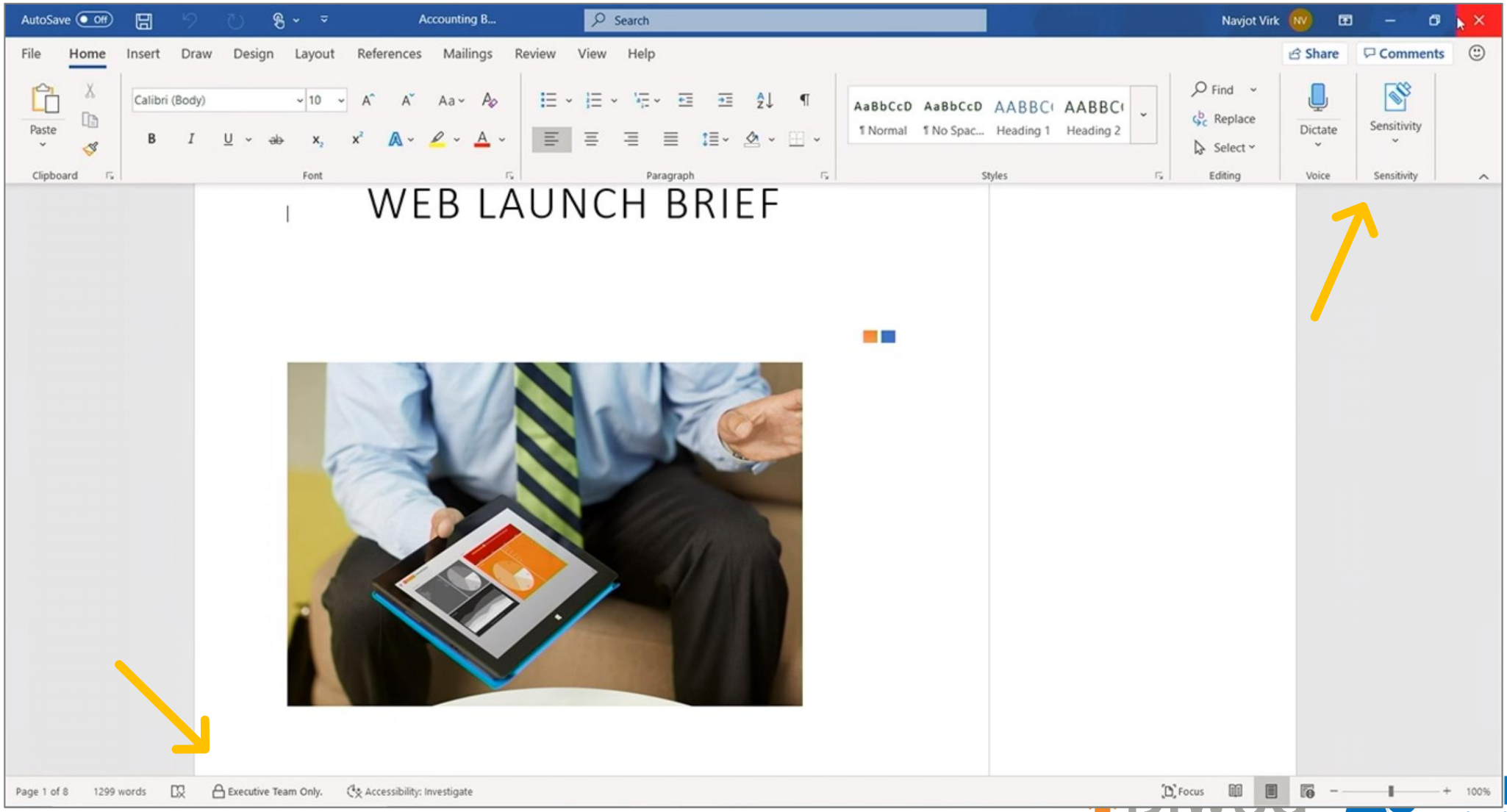
During site creation or afterward change sensitivity



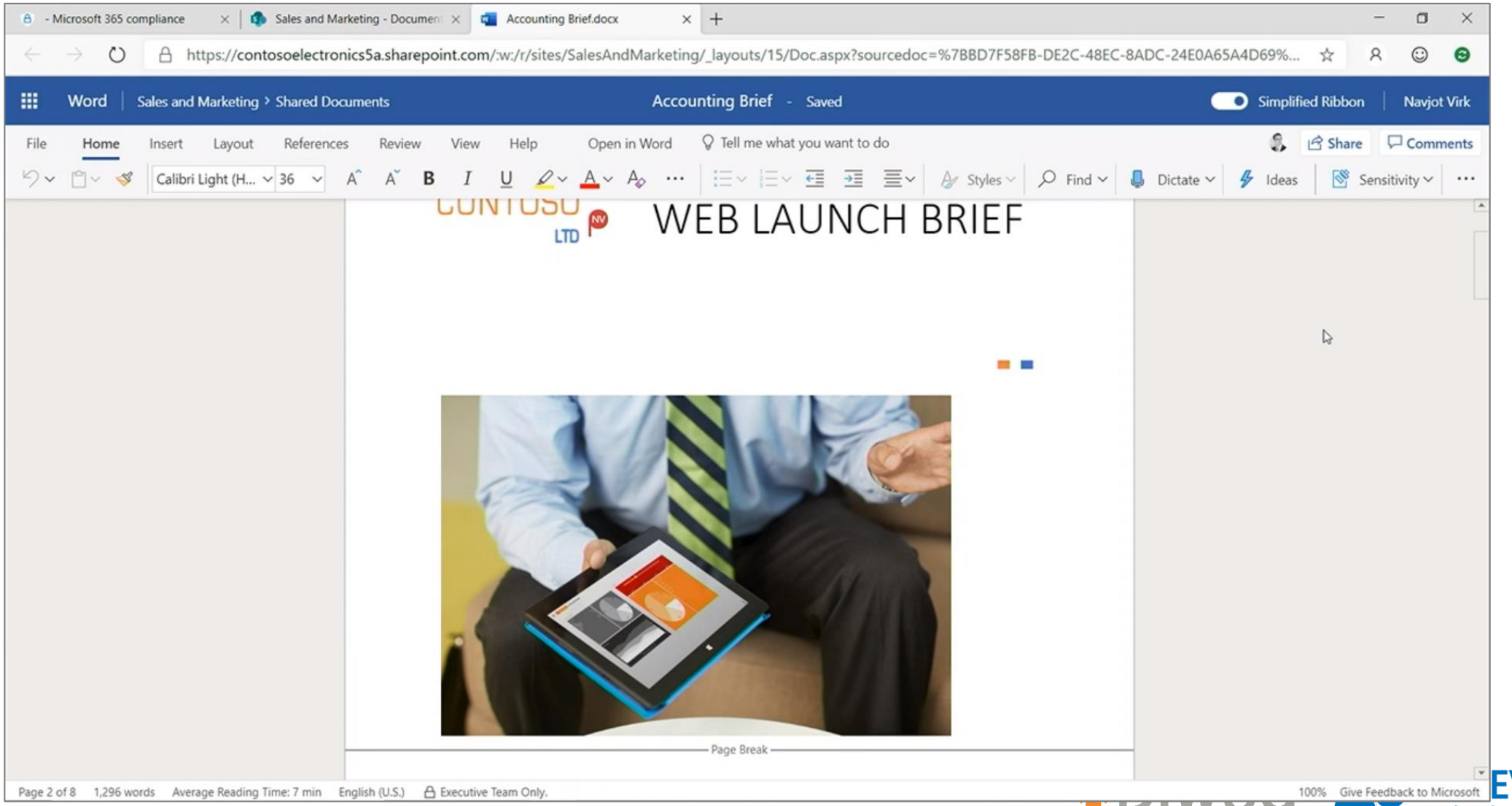
During site creation or afterward change sensitivity



Office client native support Sensitivity



Native support for Office Online



Wrap-up

Where getting close to saying Goodbye!

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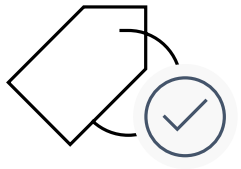
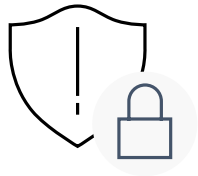
Discover



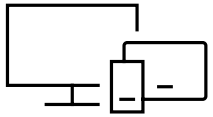
Classify



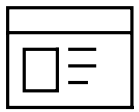
Protect

Monitor

Across



Devices



Apps

Cloud services

On-premises

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Comprehensive set of capabilities

AZURE ADVANCED THREAT PROTECTION
Identify advanced data related attacks and insider threats

MICROSOFT CLOUD APP SECURITY
Visibility into 15k+ cloud apps, data access & usage, potential abuse

OFFICE 365 DATA LOSS PREVENTION
Prevent data loss across Exchange Online, SharePoint Online, OneDrive for Business

OFFICE 365 MESSAGE ENCRYPTION
Send encrypted emails in Office 365 to anyone inside or outside of the company

WINDOWS INFORMATION PROTECTION
Separate personal vs. work data on Windows 10 devices, prevent work data from traveling to non-work locations

OFFICE 365 ADVANCED DATA GOVERNANCE
Apply retention and deletion policies to sensitive and important data in Office 365

MICROSOFT INFORMATION PROTECTION

Discover | Classify | Protect | Monitor

CONDITIONAL ACCESS
Control access to files based on policy, such as identity, machine configuration, geo location

OFFICE APPS
Protect sensitive information while working in Excel, Word, PowerPoint, Outlook

SHAREPOINT & GROUPS
Protect files in libraries and lists

AZURE SECURITY CENTER INFORMATION PROTECTION
Classify & label sensitive structured data in Azure SQL, SQL Server and other Azure repositories

SDK FOR PARTNER ECOSYSTEM & ISVs
Enable ISVs to consume labels, apply protection

ADOBE PDFs
Natively view labeled and protected PDFs on Adobe Acrobat Reader

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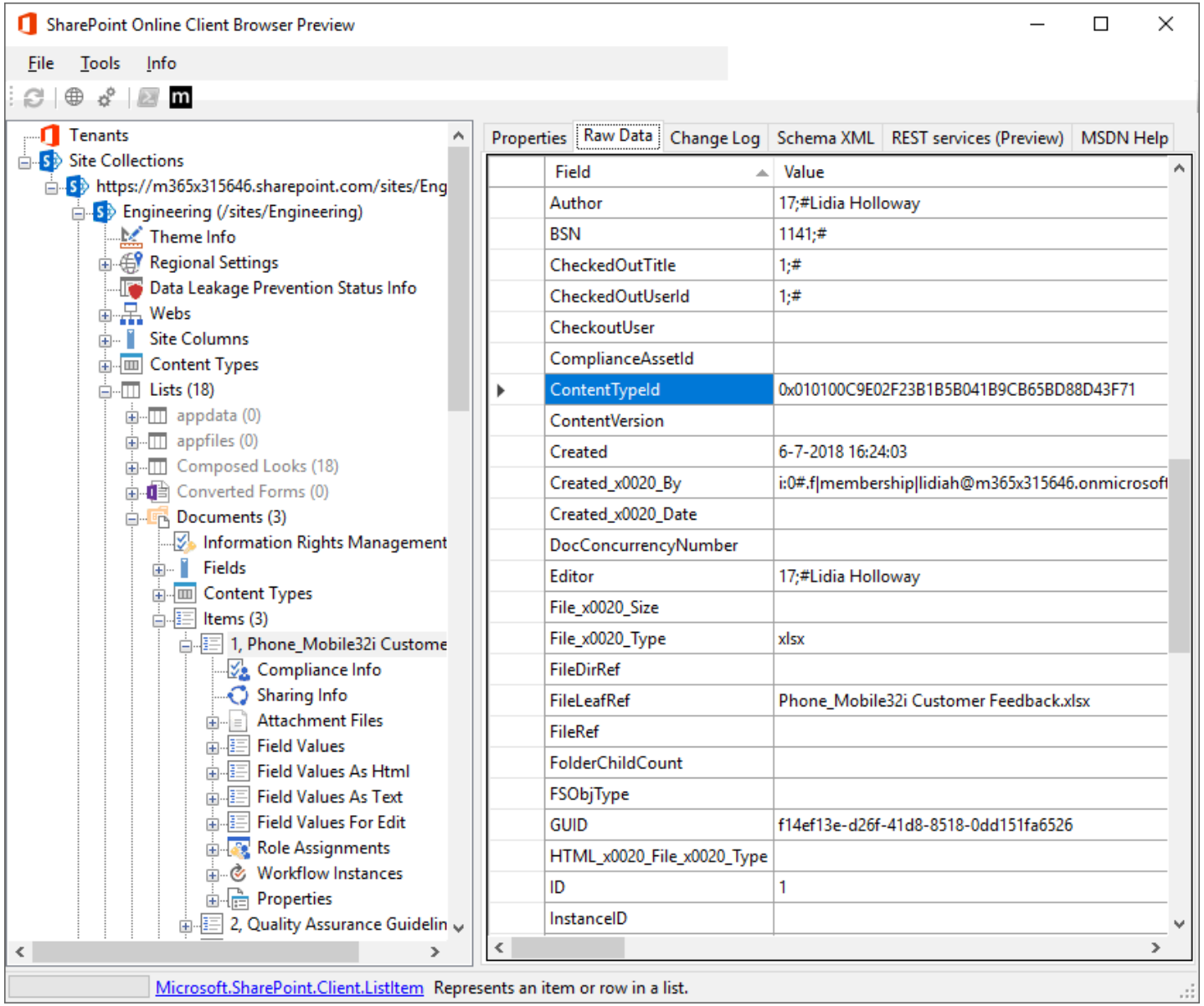
Private preview Security and Compliance program

Want an early start with these new and upcoming security and compliance capabilities?

Nominate your business for our private previews at https://aka.ms/spc19SecurityPreviews.

SharePoint Client Browser

- Must have SharePoint community tool!
- Provides insights into your SharePoint site or tenant
- Uses the CSOM to connect to SharePoint 2010/2013/2016/2019 and SharePoint Online
- https://github.com/bramdejager/spcb



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Thanks for attending

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