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# Moving Beyond a SharePoint-only Mindset for Modern Compliance

Presentation by Joanne C Klein

**TEC**

**The Experts  
Conference**

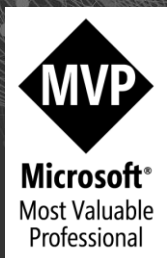
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Conference**


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## Joanne Klein

- Microsoft 365 consultant
- Advanced Compliance Specialist
- Data Protection, Data Governance, eDiscovery and Audit
- Barista-in-training

 @joannecklein

 joannecklein@nexnovus.com

 www.joannecklein.com

 @joannecklein

# Webinar goals



Understand how to leverage your existing SharePoint knowledge for Compliance



Provide practical guidance to get started on your Compliance journey

Understand what is meant by Modern Compliance



Understand the new tools to help you gain Compliance



# Agenda



Defining the  
“Problem”



Compliance in the  
modern workplace



SharePoint  
Touchpoints



Key Takeaways

# Defining the “Problem”

01

THE 3  
ELEPHANTS IN  
THE ROOM



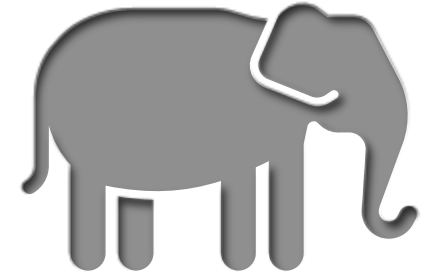
02

THE SCALE OF  
THE PROBLEM

03

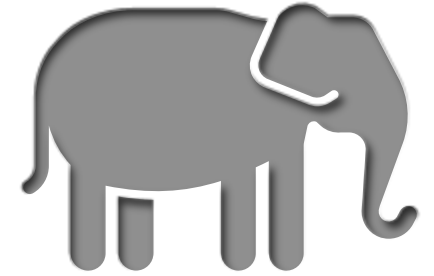
MORE THAN  
JUST  
SHAREPOINT

# The Compliance “Elephant in the room”...



- End-users don't care about compliance
- It's easier to retain everything forever (until it burns you)
- A “perfection-based” approach will paralyze progress
- This problem isn't going away, in fact it's getting more complicated
- Compliance isn't cheap
- Compliance is complicated
- Compliance has an end-user impact
- Information Governance/Records Management needs to be modernized

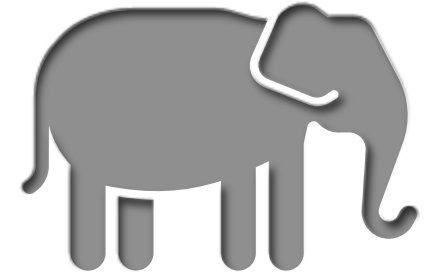
# The Metadata “Elephant in the room”...



- End-users don't apply metadata
- Large-scale adoption of Microsoft Teams...
  - metadata cannot be updated from the Teams UI
  - many users don't navigate directly to SharePoint... ever.
- Many metadata approaches today...
  - come from the “classic, pre-Microsoft Teams” world
  - require a course correction for the “modern, Microsoft Teams” world



# The Licensing “Elephant in the room”...



- Automation = Advanced Licensing (or a third-party product)
- Examples:
  - Default a retention label on a document library or folder
  - Auto-apply a retention label to a document of a specific content type
  - Apply an AI model to a library
  - Auto-apply a sensitivity label in Office apps to a document if it contains sensitive info
  - Many more...

**Reference:** <https://joannecklein.com/M365ComplianceLicensing>



# When I say 'Advanced Licensing'...

- Shorthand for:
  - Office 365 E5, Office 365 Advanced Compliance\*
  - Microsoft 365 E5/A5/G5
  - Microsoft 365 E5/A5/G5 Compliance
  - Microsoft 365 E5/A5/G5 Info Protection & Governance
  - Office 365 E5/A5
  - SharePoint Syntex per User license (\$60/user/year)

# Defining the “Problem”

01

THE 3  
ELEPHANTS IN  
THE ROOM

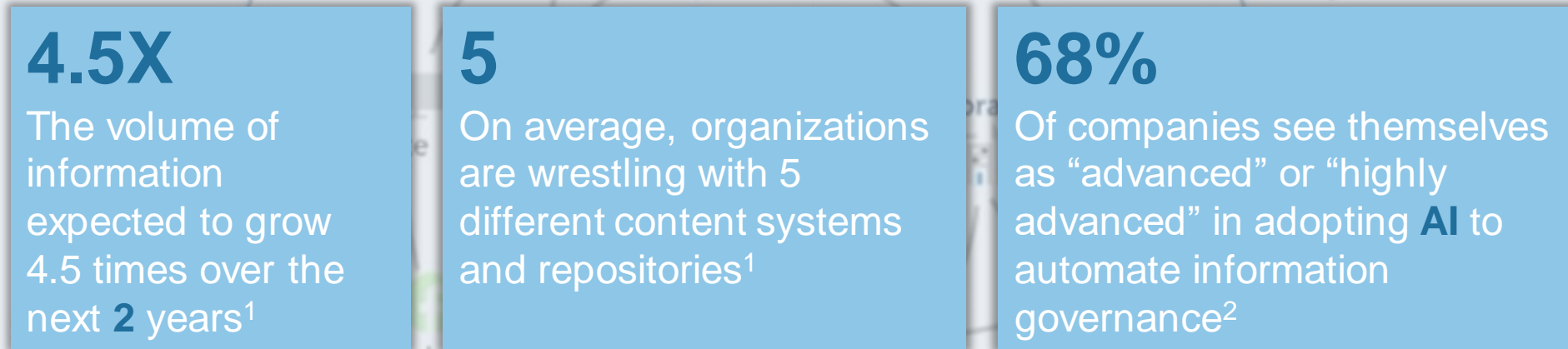


02

THE SCALE OF  
THE PROBLEM

03

MORE THAN  
JUST  
SHAREPOINT



<sup>1</sup> Association of Information and Image Management (AIIM) Industry Watch 2020

<sup>2</sup> Best practices for automating information governance, AIIM, 2019

# Defining the “Problem”

01

THE 3  
ELEPHANTS IN  
THE ROOM



02

THE SCALE OF  
THE PROBLEM

03

MORE THAN  
JUST  
SHAREPOINT

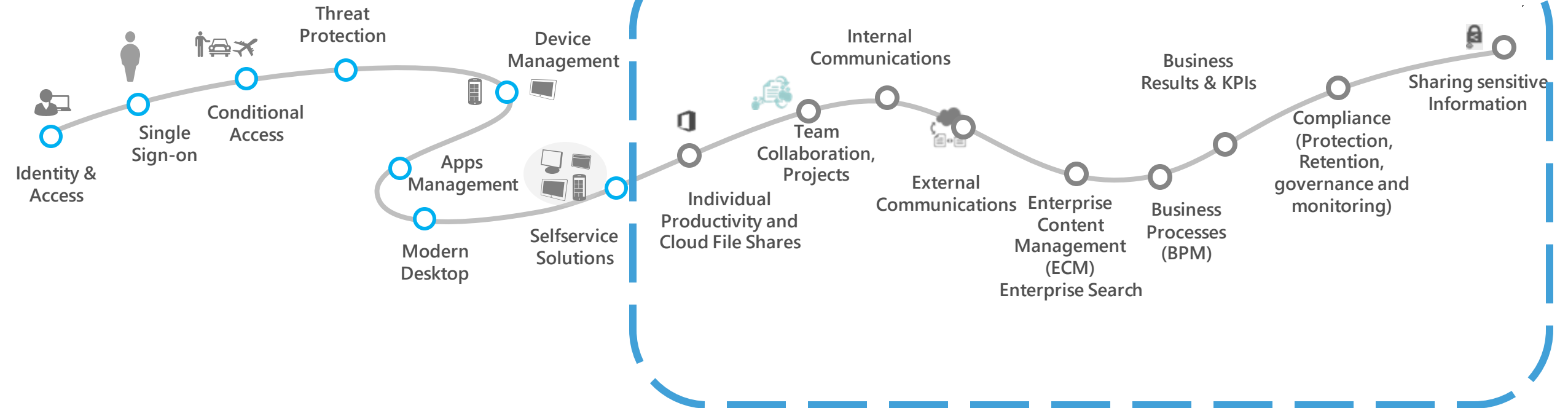
# THE MODERN WORKPLACE | MORE THAN SHAREPOINT

## 01 Identity and Threat Protection

## 02 Device & Apps Management

## 03 Productivity & Collaboration

## 04 Information Protection & Governance



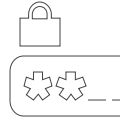
# THE MODERN WORKPLACE | MORE THAN SHAREPOINT

03

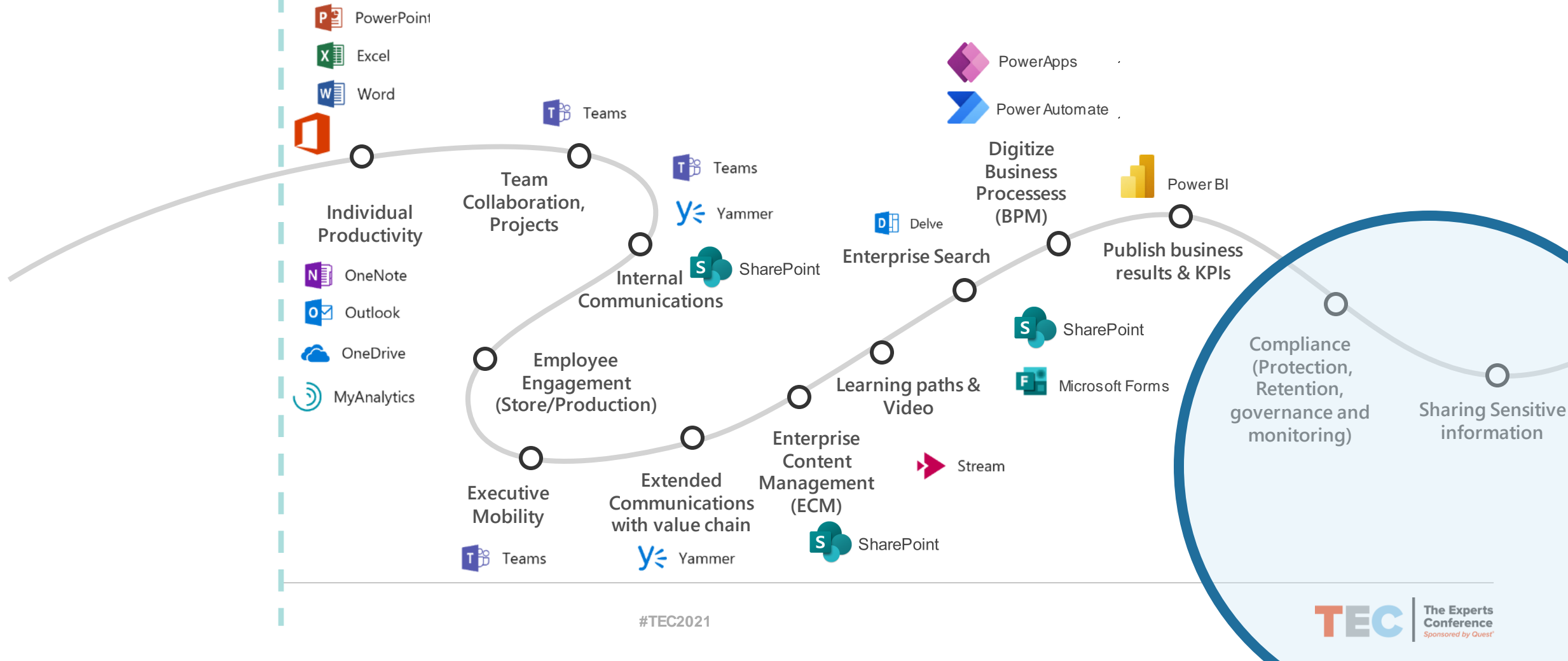


## Productivity & Collaboration

04



## Information Protection & Governance



#TEC2021

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# Content Services is changing... ARE YOU?



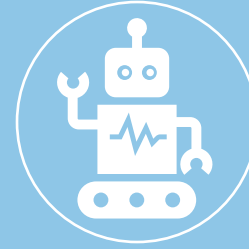
People are creating content at an amazing pace

**Opportunity:**  
Automate content classification and processing while empowering subject matter experts to streamline their processes



Employees expect to collaborate across apps

**Opportunity:**  
Increase productivity with integration and interoperability across workloads & apps while maintaining compliance



We need to optimize efficiency & accelerate management at scale

**Opportunity:**  
Take advantage of new intelligence approaches and automation to capture content at scale and to transform content into knowledge



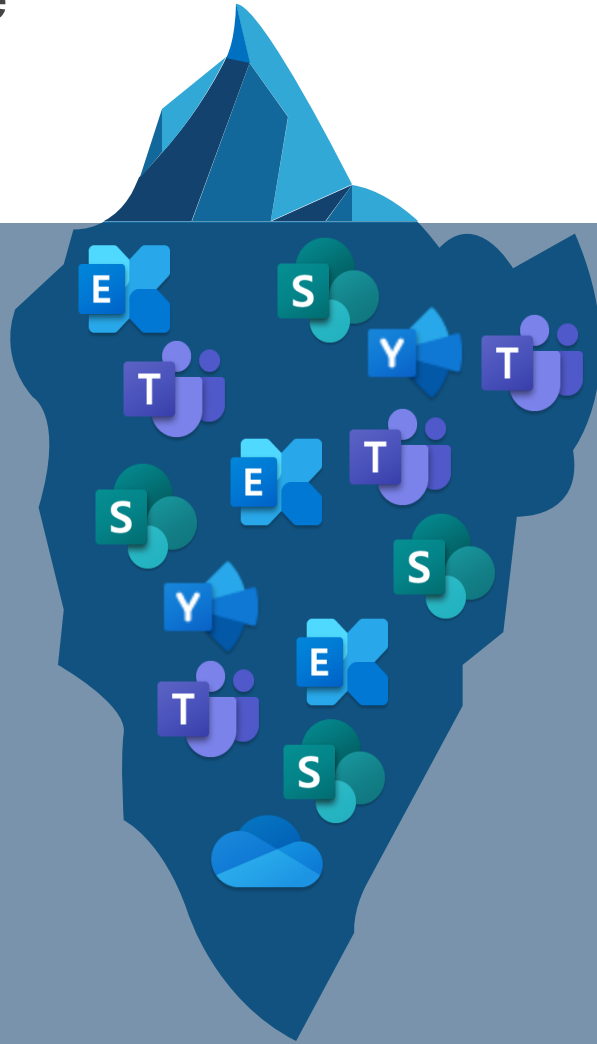
Data governance and automation is critical

**Opportunity:**  
Connect and manage content to improve security & governance with integration to MIP and IG/RM



“We need to improve  
our compliance  
posture”

# The Challenge of Compliance




Knowing you “need it” is just  
the tip of the iceberg

# Intelligent compliance and risk management solution Pillars



## Information Protection & Governance

Protect and govern data wherever it lives



- Azure Information Protection
- Advanced Data Governance
- Data Loss Prevention
- Records Management
- Customer Key
- Advanced Message Encryption



## Insider Risk Management

Identify and act on critical insider risks

- Insider Risk Management
- Communication Compliance
- Information Barriers
- Customer Lockbox
- Privileged Access Management



## Discover & Respond

Quickly investigate and respond with relevant data

- Advanced eDiscovery
- Advanced Audit



## Compliance Management | Identify and manage improvement actions

- Compliance Score
- Compliance Manager

# INFORMATION PROTECTION & GOVERNANCE

Protect and govern your most important data throughout its lifecycle



**Unified approach** to discover, classify & label



**Automatically apply** policy-based actions



**Proactive monitoring** to identify risks



**Broad coverage** across locations and applications

Data growing at exponential rate



**Unified approach**



**Discover**



**Classify**



**Label**

**Apply policy**

**Protection**

- Encryption
- Restrict access
- Watermark
- Header/Footer



**Governance**

- Archiving
- Retention & deletion
- Records management
- Event based



**Monitor**

- |                            |                    |
|----------------------------|--------------------|
| → Sensitive data discovery | → Label Analytics  |
| → Data at risk             | → Proactive alerts |
| → Policy violations        | → Supervision      |



**Devices**



**Apps**



**Cloud services**



**On-premises**



**ISVs, 3<sup>rd</sup>-party**

# INFORMATION PROTECTION & GOVERNANCE

Protect and govern  
data – **wherever** it  
lives

Understand your data landscape and identify  
important data across your hybrid environment



Powered by an intelligent platform

Unified approach to automatic data classification, policy  
management, analytics and APIs

# INFORMATION PROTECTION & GOVERNANCE

Protect and govern  
data – **wherever** it  
lives

Understand your data landscape and identify  
important data across your hybrid environment



# Know Your Data with “Data Classification”

Understand sensitive and business critical data across your organization

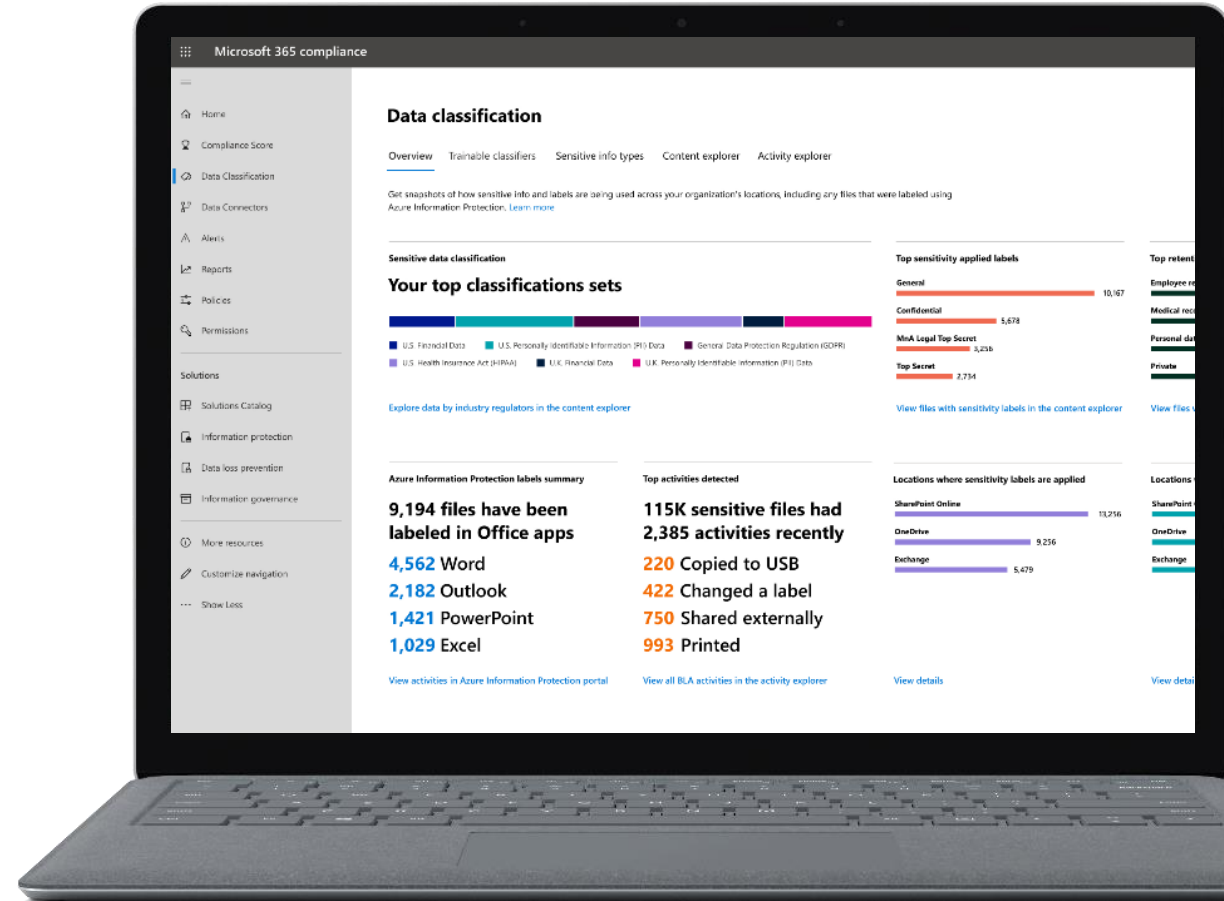
Visibility into the volume and location of sensitive and business critical information

(allows you to assess your overall exposure and risk)

Monitor risky activities associated with sensitive information to inform Data Loss Prevention policies and Sensitivity Label policies

Understand label utilization across your tenant to better refine protection and governance policies

(allows you to monitor and remediate issues)



# KNOW YOUR DATA: Sensitive Information Types

Patient ID	FirstName	LastName	DOB
1212123	Ernesto	Mazza	02/02/89

Personal  
information  
in an email

Can be used in...

1. Sensitivity label conditions
2. Retention label policy conditions
3. Data Loss Prevention conditions
4. Microsoft Cloud App Security



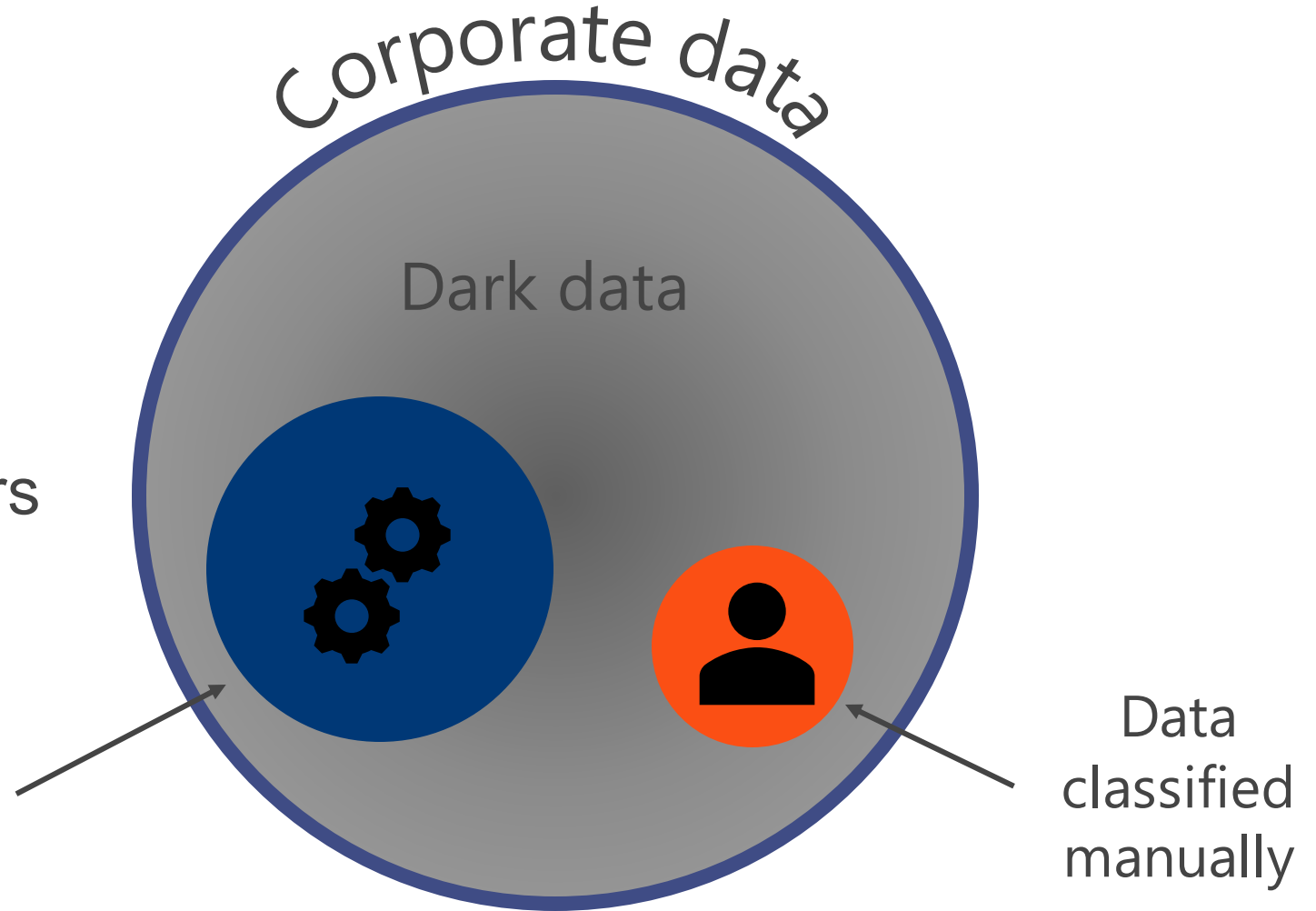
Exact data match uploader  
uploads the indexed information  
to the Lookup service for matching



# Know Your Data: Trainable Classifiers (E5)

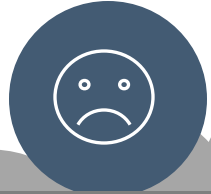
- Uses Machine Learning to classify content
- Pre-built & Custom classifiers

Automated Pattern Matching  
(keyword match, Regex match,  
sensitivity type)



# Know Your Data: Trainable Classifiers (E5)

THREAT



Contracts

Can be used in...

1. Sensitivity label conditions
2. Retention label policy conditions
3. Communication Compliance

TARGETED  
HARASSMENT



101010



Employee  
Forms

## Build your own custom Trainable Classifiers!

# Know Your Data: Data Classification (E5)

Microsoft 365 compliance

Home

Compliance Manager

Data classification

Solutions

Communication compliance

Data loss prevention

Information governance

Information protection

Insider risk management

Records management

Customize navigation

Show all

Data classification

Overview

Trainable classifiers (preview)

Sensitive info types

Content explorer

Activity explorer

Data visualization

Review activity related to content that contains sensitive info or has labels applied, such as what labels were changed, files were modified, and more. Label activity is monitored across Exchange, SharePoint, OneDrive, and endpoint devices. Support for more locations is coming soon. [Learn more](#)

Filter

Date: 12/2/2020-12/9/2020

Activity: Any

Location: Any

User: Any

Sensitivity label: Any

Export

38 items

Customize columns

Label applied

DLP rule matched

10

8

6

4

2

0

12/01

12/02

12/03

12/04

12/05

12/06

12/07

12/08

Activity	File	Location	User	Happened
Label applied	Crawl-Walk-Run V2	Exchange		Dec 9, 2020 9:17 AM
Label applied	Crawl-Walk-Run Advantages	Exchange		Dec 9, 2020 9:12 AM
Label applied		Exchange		Dec 8, 2020 8:44 PM

Need help?

Give feedback

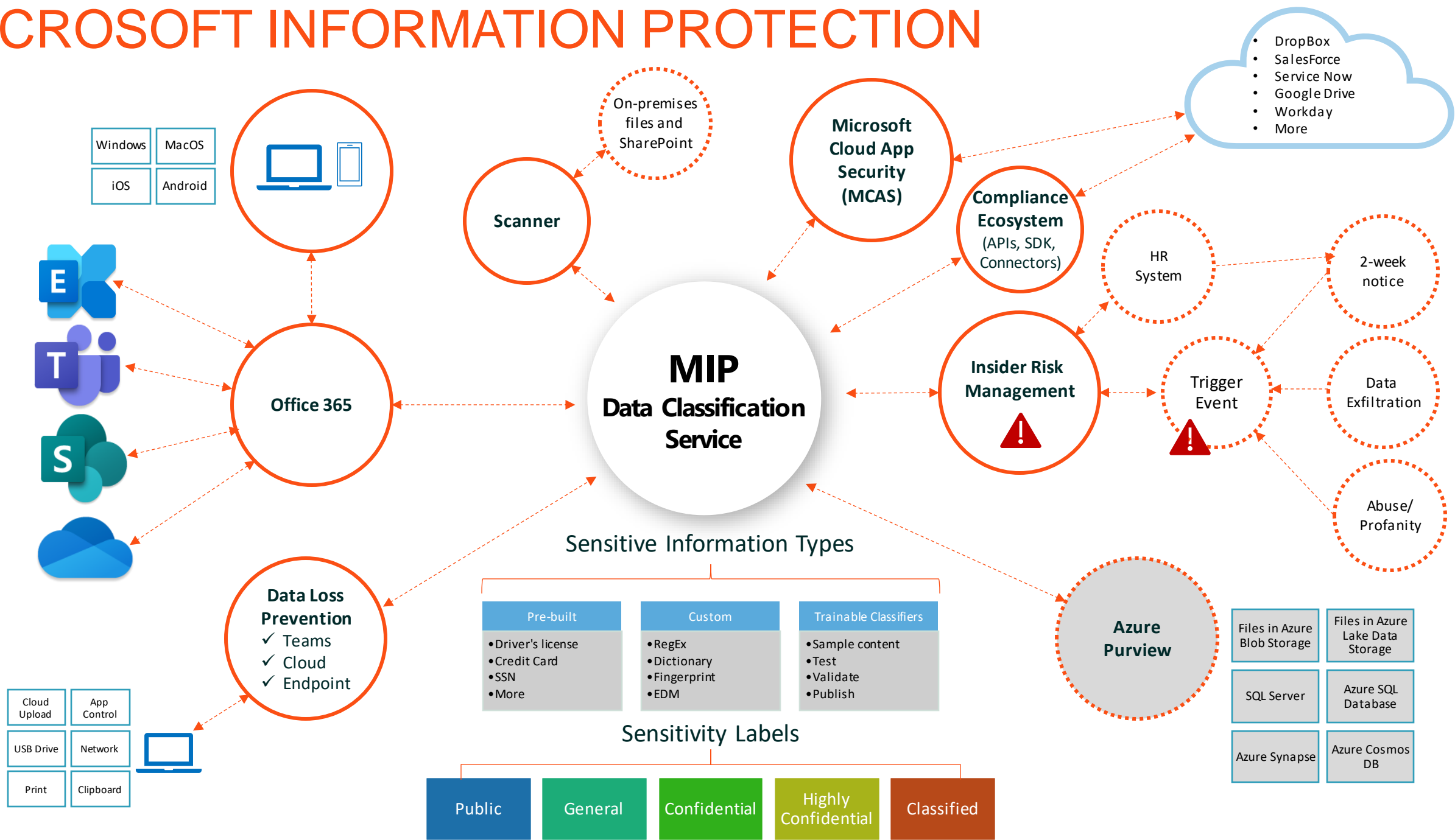
# INFORMATION PROTECTION & GOVERNANCE

Protect and govern  
data – **wherever** it  
lives

Apply flexible protection  
actions including  
encryption, visual  
markings and Data Loss  
Prevention

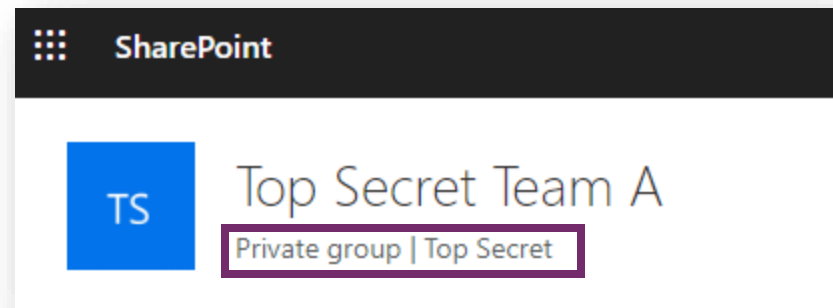
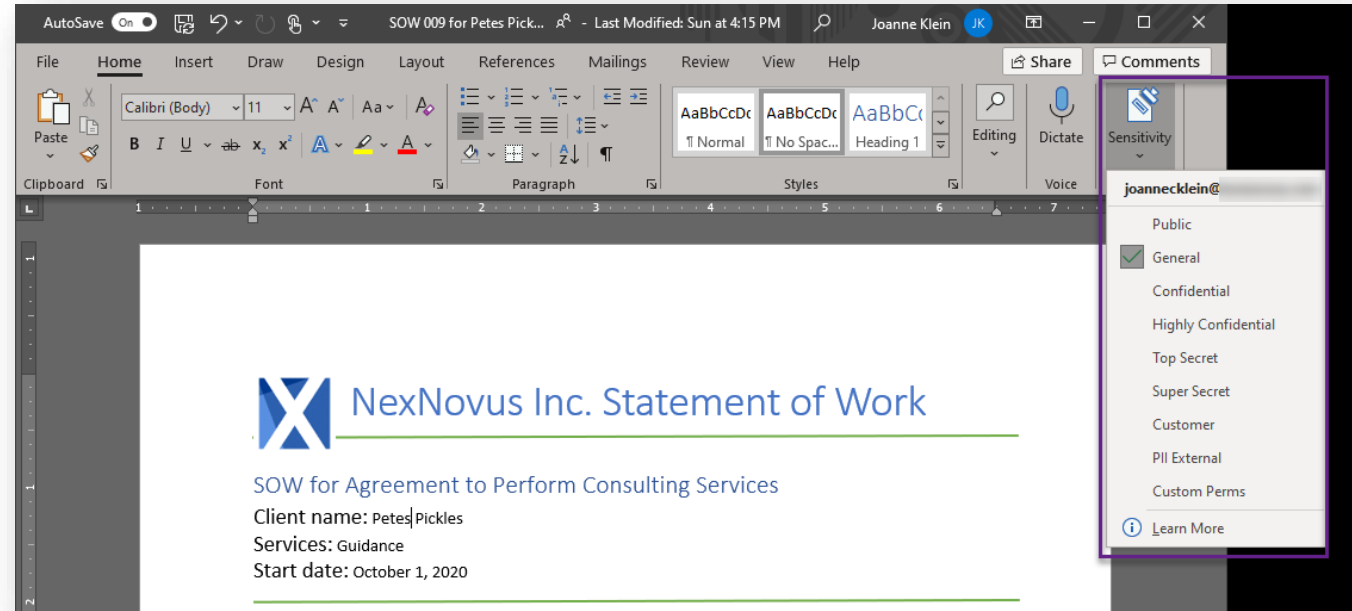


# MICROSOFT INFORMATION PROTECTION



# Sensitivity Labels

- Applied to Files and Emails
  - Content markings
  - Protection (encryption)
  - Client-side auto-apply
  - Service-side auto-labeling
- Applied to Teams, Groups, Sites
  - Privacy settings
  - Guest access
  - Device access
  - External sharing



# SHAREPOINT LIBRARY SENSITIVITY COLUMN



## Documents

	Name ▾		Sensitivity ▾	Retention label ▾
	Document 1 with PII.docx		Confidential	Record3Days
	Document 2 with no PII.docx		General	Retain3Days
	Document 2 with PII.docx		Confidential	Record3Days
	Document 3 with no PII.docx		General	Retain3Days
	Document 3 with PII.docx		Confidential	Record3Days
	Document 4 with no PII.docx		General	Retain3Days
	Document 4 with PII.docx		Confidential	Record3Days
	Test Case #1 - confidential document.docx		Confidential	Retain3Days
	Test Case #2 - super secret document.docx		Super Secret	Permanent



# MICROSOFT TEAMS FILES TAB SENSITIVITY COLUMN



BT General Posts Files Wiki +				
+ New ▾ ↑ Upload ▾ ↺ Sync 🔗 Copy link ⬇ Download + Add cloud storage ⚙ Open in SharePoint				
General				
📄	Name ▾	Modified ▾	Modified By ▾	Sensitivity ▾
📄	Customer file 1.docx	March 29, 2020	SharePoint App	Customer
📄	Customer file 2.docx	March 29, 2020	SharePoint App	Customer
📄	Document with PII.docx	September 13, 2020	Joanne Klein	General
📄	General document.docx	A few seconds ago	Joanne Klein	General

# INFORMATION PROTECTION & GOVERNANCE

Protect and govern  
data – **wherever** it  
lives



Automatically retain,  
delete, and store data  
and records in  
compliant manner

# Govern Your Data

Intelligently govern data across your environment to reduce risk

## Streamlined administration

Centralized administration of your governance policies and added native connectors to import data from across your digital estate.

## Automation at scale

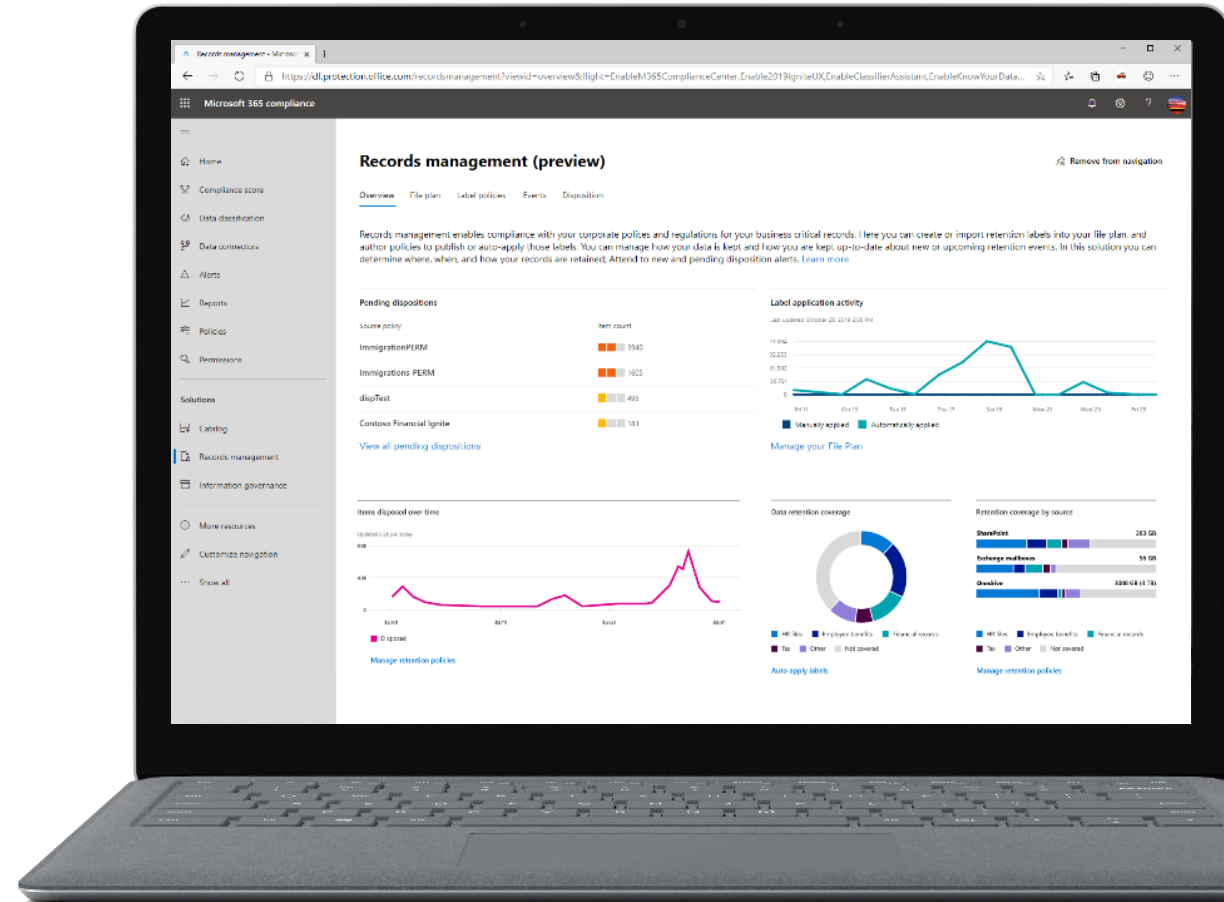
Intelligently classify and automatically retain **only** the data that is most important to you

## Tailored workflows

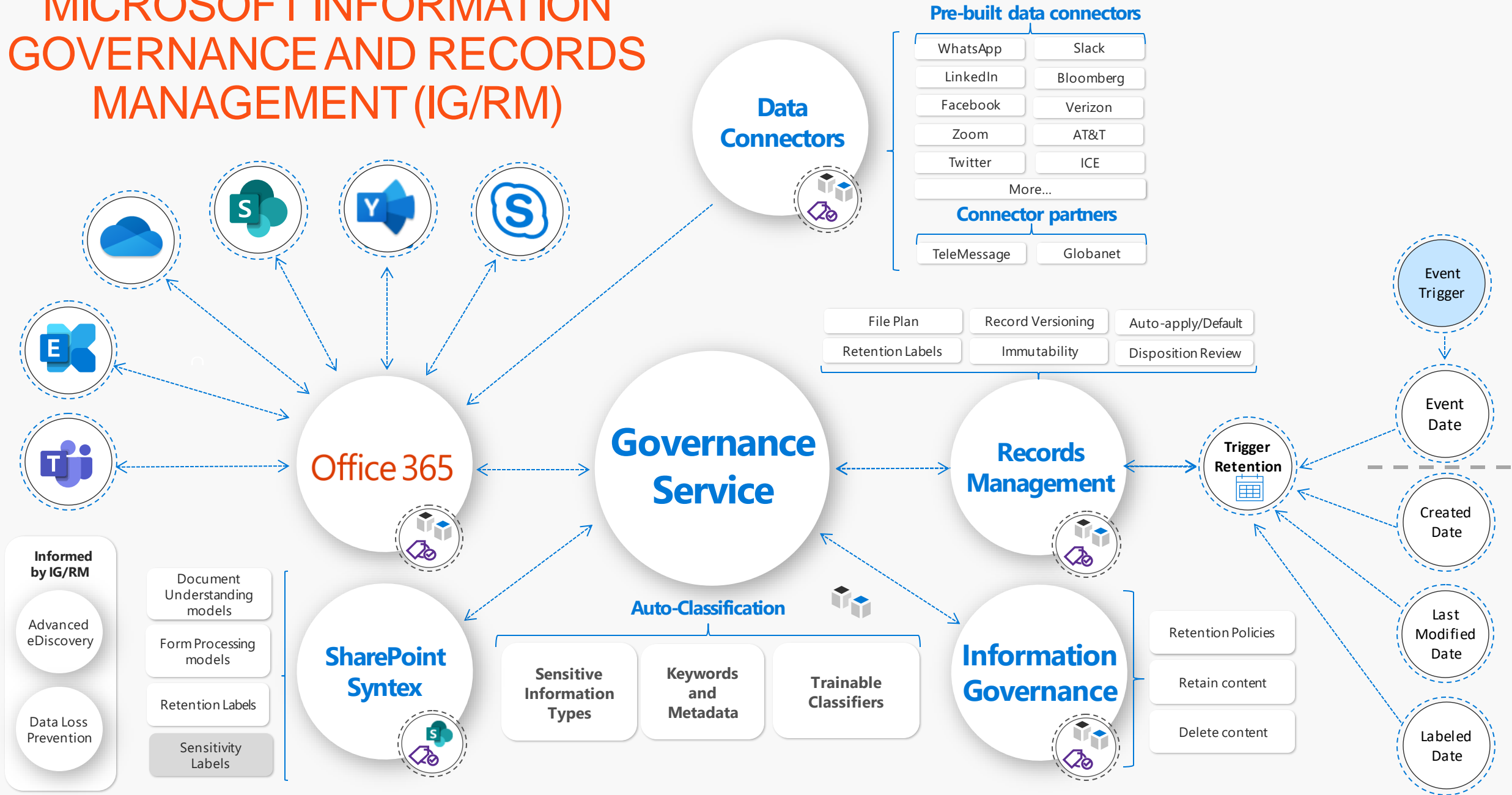
Act on insights and efficiently manage the entire lifecycle of data through disposition

## Records Management

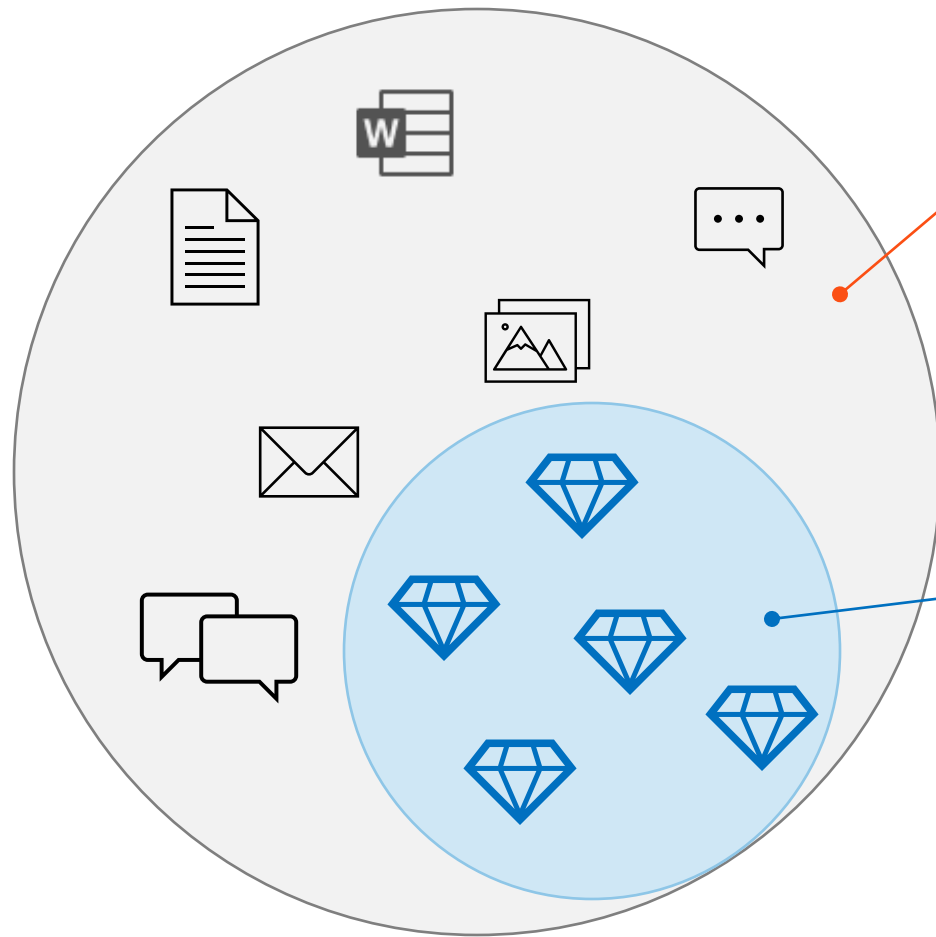
Ensure records are declared and stored immutably with full audit visibility to meet your regulations



# MICROSOFT INFORMATION GOVERNANCE AND RECORDS MANAGEMENT (IG/RM)



# Information Governance & Records Management



Microsoft 365 and beyond

## Information Governance

- Manage risk and liability by only keeping what you need and deleting what you don't across your entire digital estate

### Retention Policies

Retain only, Retain and Delete, or Delete only

## Records Management

- Explicitly retain high value content to meet legal, regulatory, and business obligations

### Retention Labels

Retain only, Retain and Delete, or Delete only

Regular label, Record label, Regulatory Record label



# Modern Compliance...

What's a modern approach for  
SharePoint Information  
Architecture?

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# What is SharePoint Information Architecture?

- Global Navigation structure
- Hub structure and organization
- Local site and page navigational structure
- Metadata architecture
- Search experiences
- Personalized content experiences

Reference: [Introduction to SharePoint information architecture in Microsoft 365 | Microsoft Docs](#)

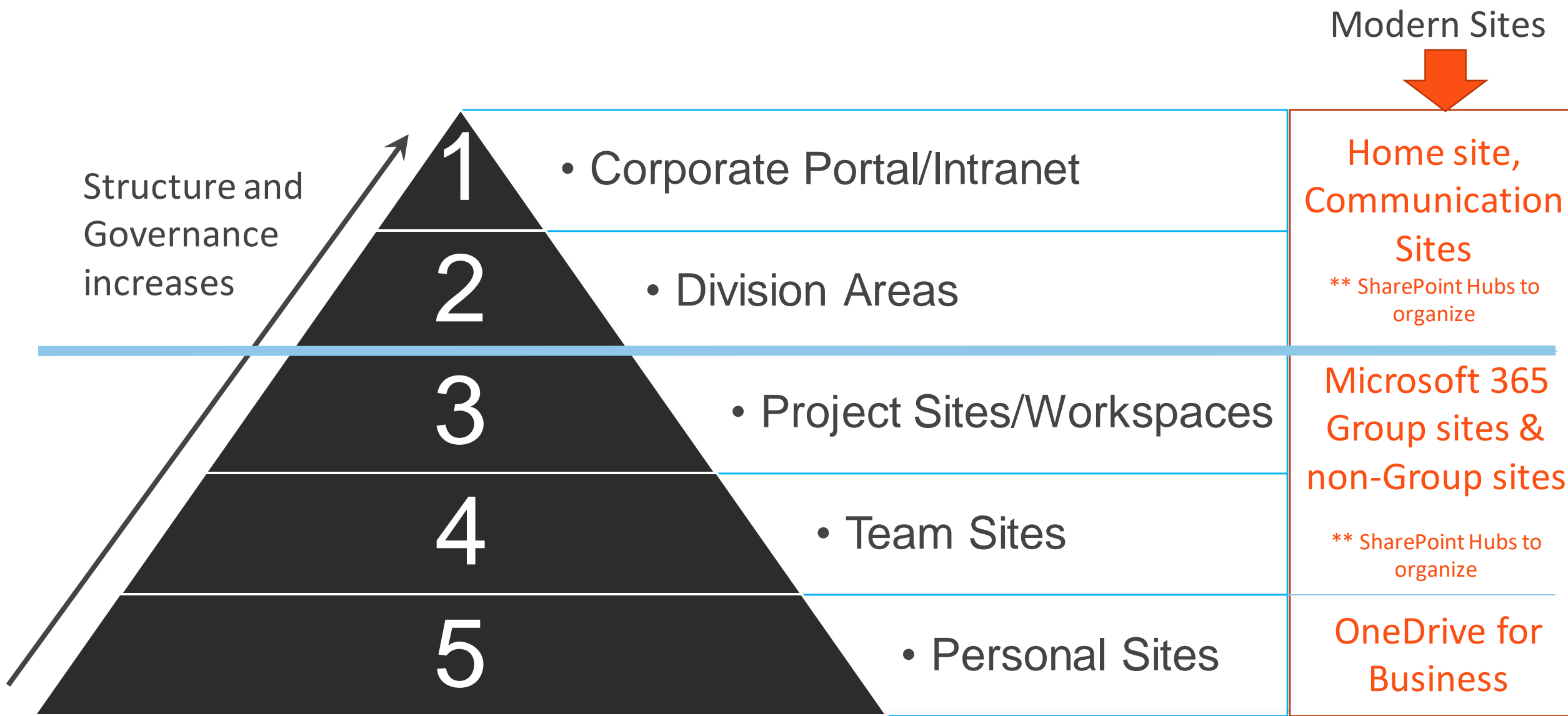


# What is SharePoint Information Architecture?

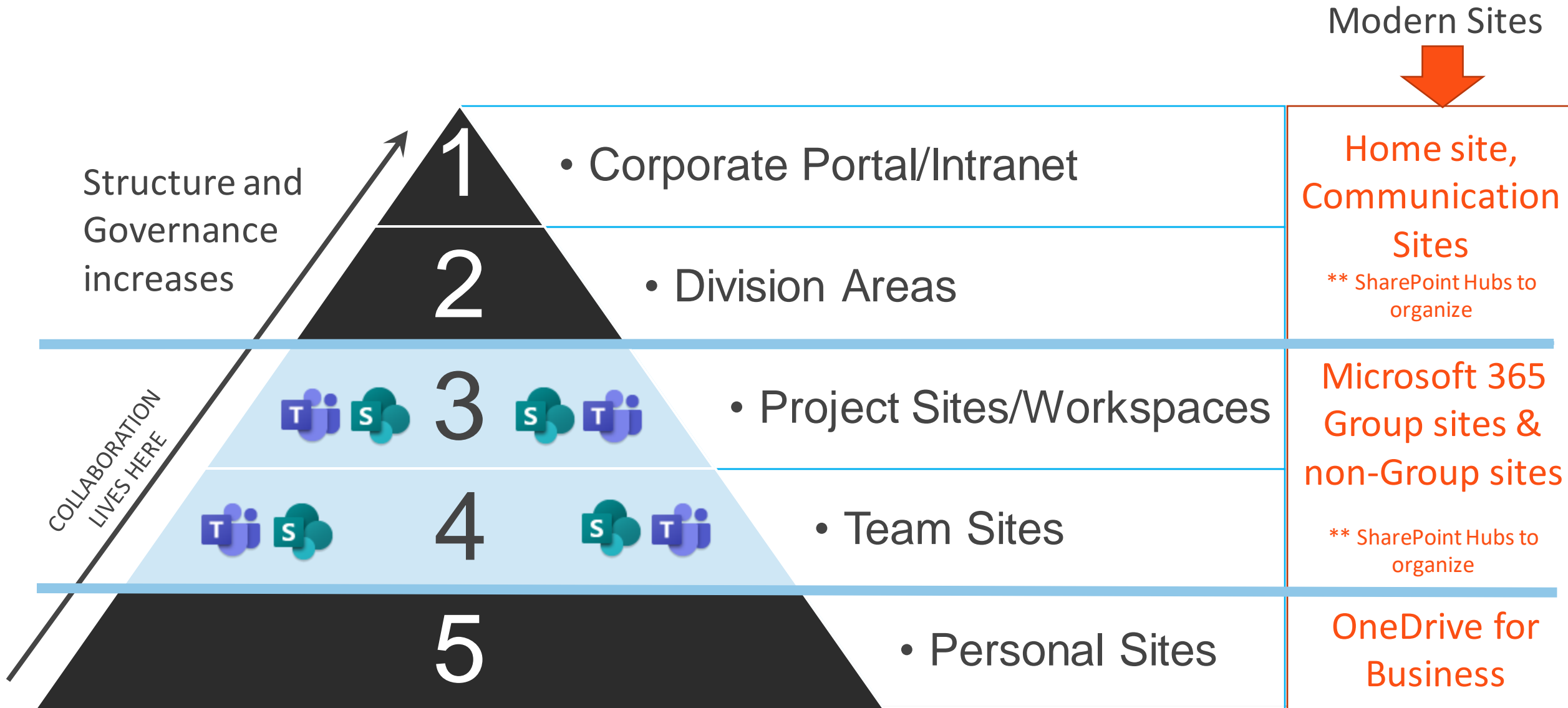
- Global Navigation structure
- Hub structure and organization
- Local site and page navigational structure
- **Metadata architecture** (Content Types and custom columns)
- Search experiences
- Personalized content experiences

Reference: [Introduction to SharePoint information architecture in Microsoft 365 | Microsoft Docs](#)

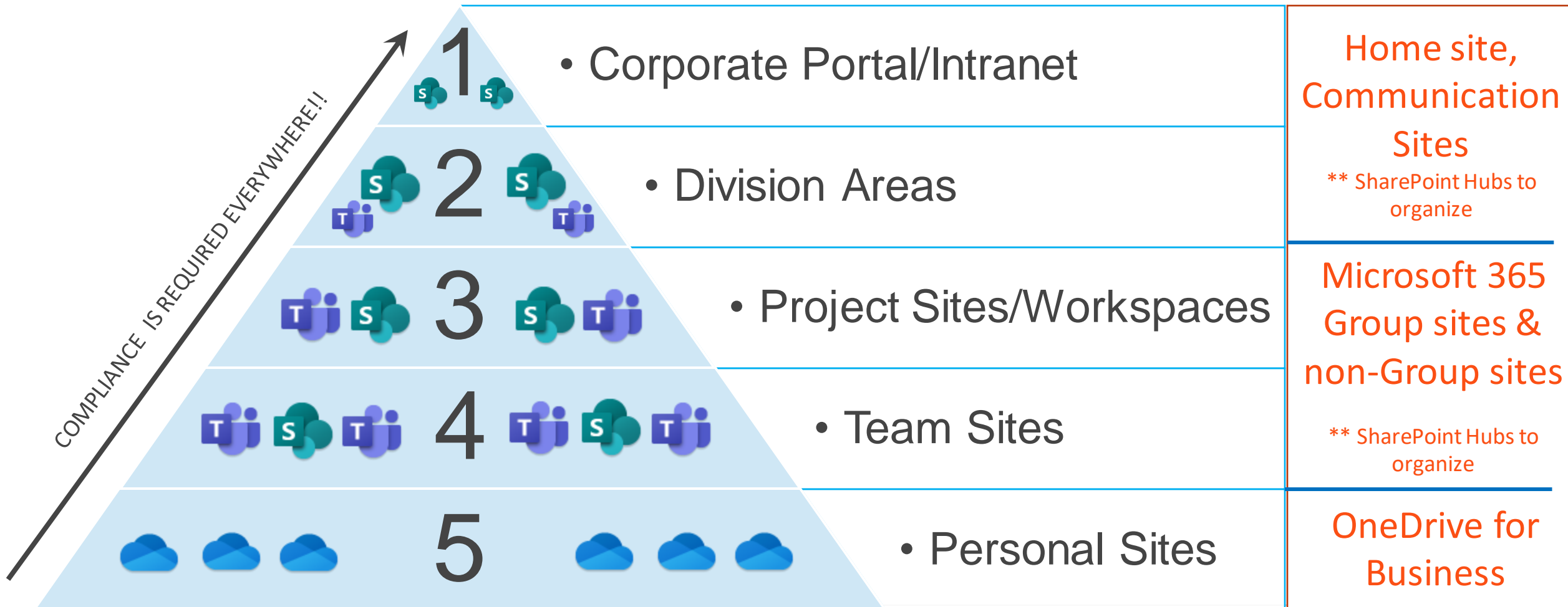
# How much information architecture?



# How much information architecture?



# Where do we need compliance? **Everywhere!**



# What's changed with Information Architecture?



- End-users collaborate extensively (exclusively?) in Microsoft Teams
  - There's reduced need to navigate to SharePoint
- Content extends well beyond emails and documents today
  - Microsoft Teams chats and channel messages
  - Meeting recordings
  - Yammer community and user messages

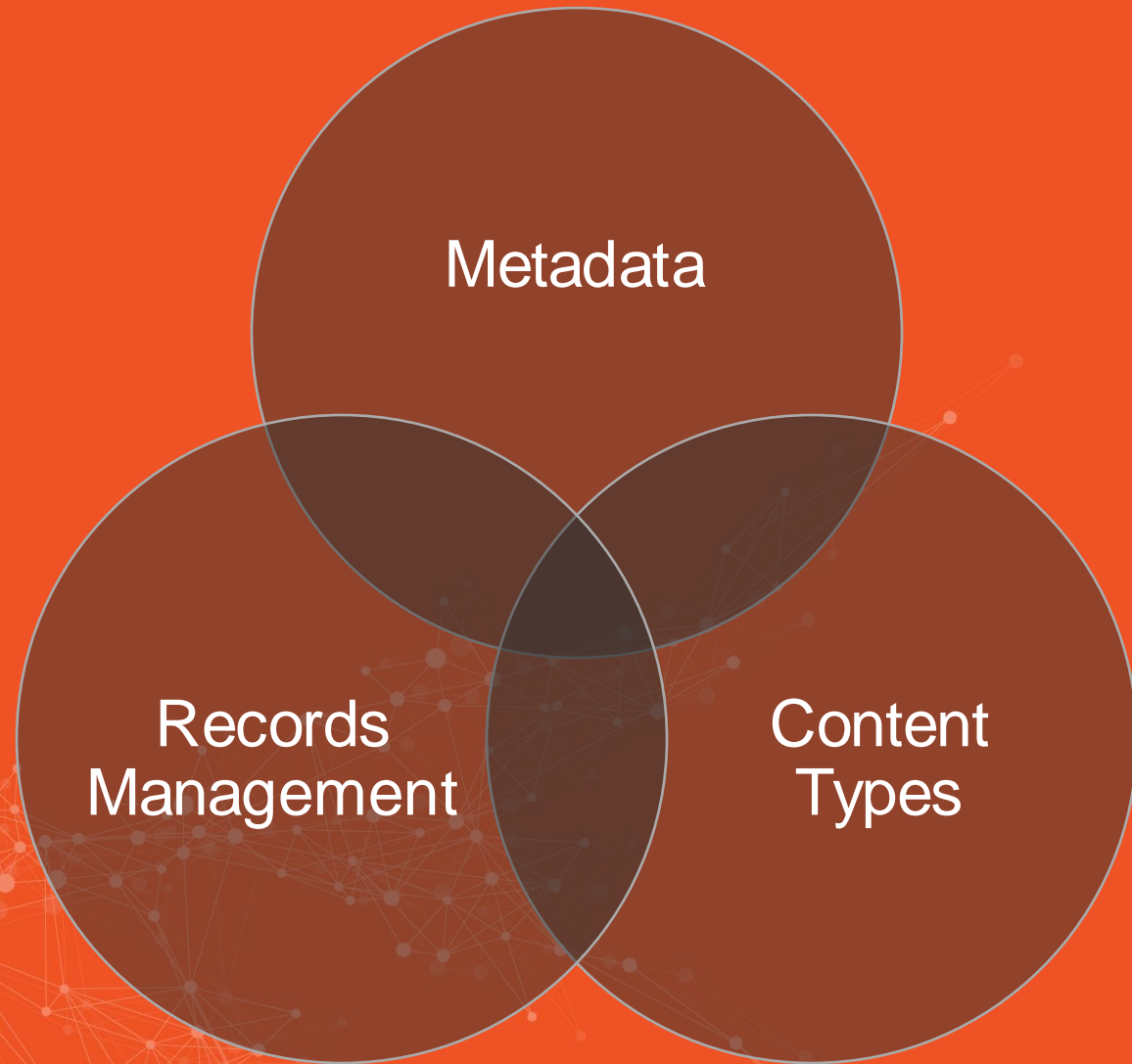
Is there still a place for traditional SharePoint Information Architecture?  
(Content Types and Metadata)

# Content Types and Metadata can...

- Enable workflows (streamline business processes)
- Enhance search
- Provide options for organizing content within a list/library
- Apply templates
- ...

Another  
valuable use...

Records  
Management  
(to apply retention  
labels)



# What is (traditional) Records Management?



An organizational function devoted to the management of information throughout its life cycle



Part of the broader function in an organization of governance, risk management, and compliance



Minimize risk to the organization



Ensures compliance with regulations, guidelines and business obligations

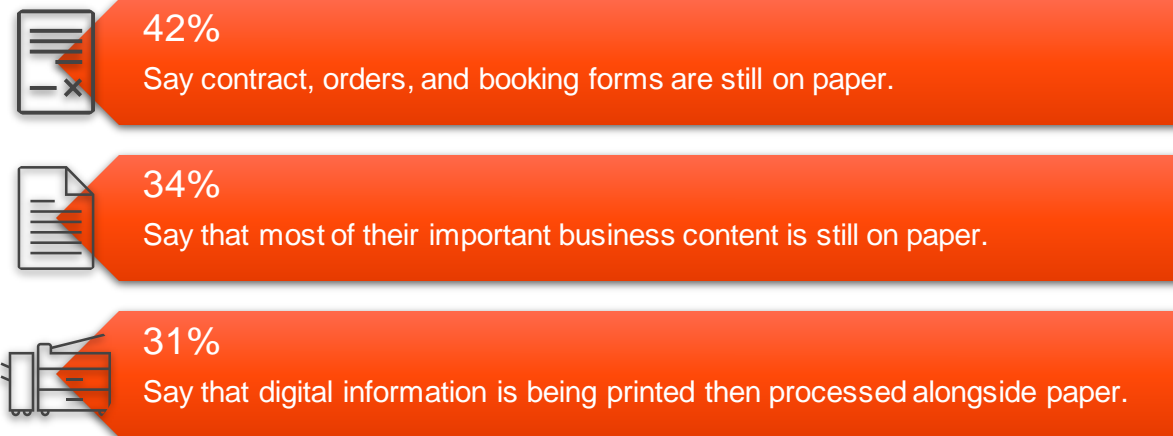


Protect information from unauthorized disclosure



# What's changed with Records Management?

- Records Management is being modernized
  - Moving from a paper-based world to (partly) digital world

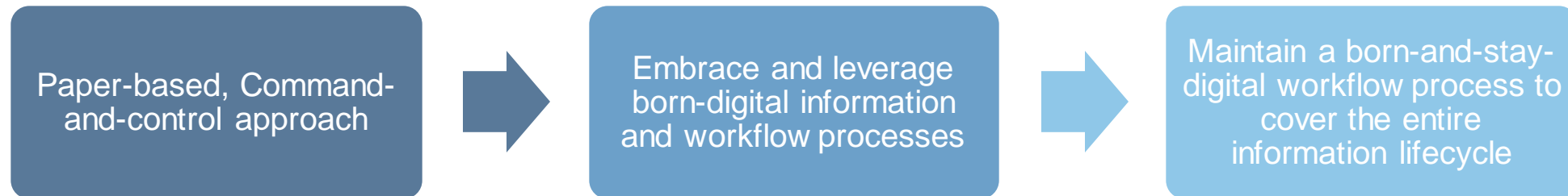


- Moving from email-centric communication to chats, messaging apps, video
- To stay relevant... shifting focus from exclusively 'compliance and risk' to including how they can better support the business on digital transformation

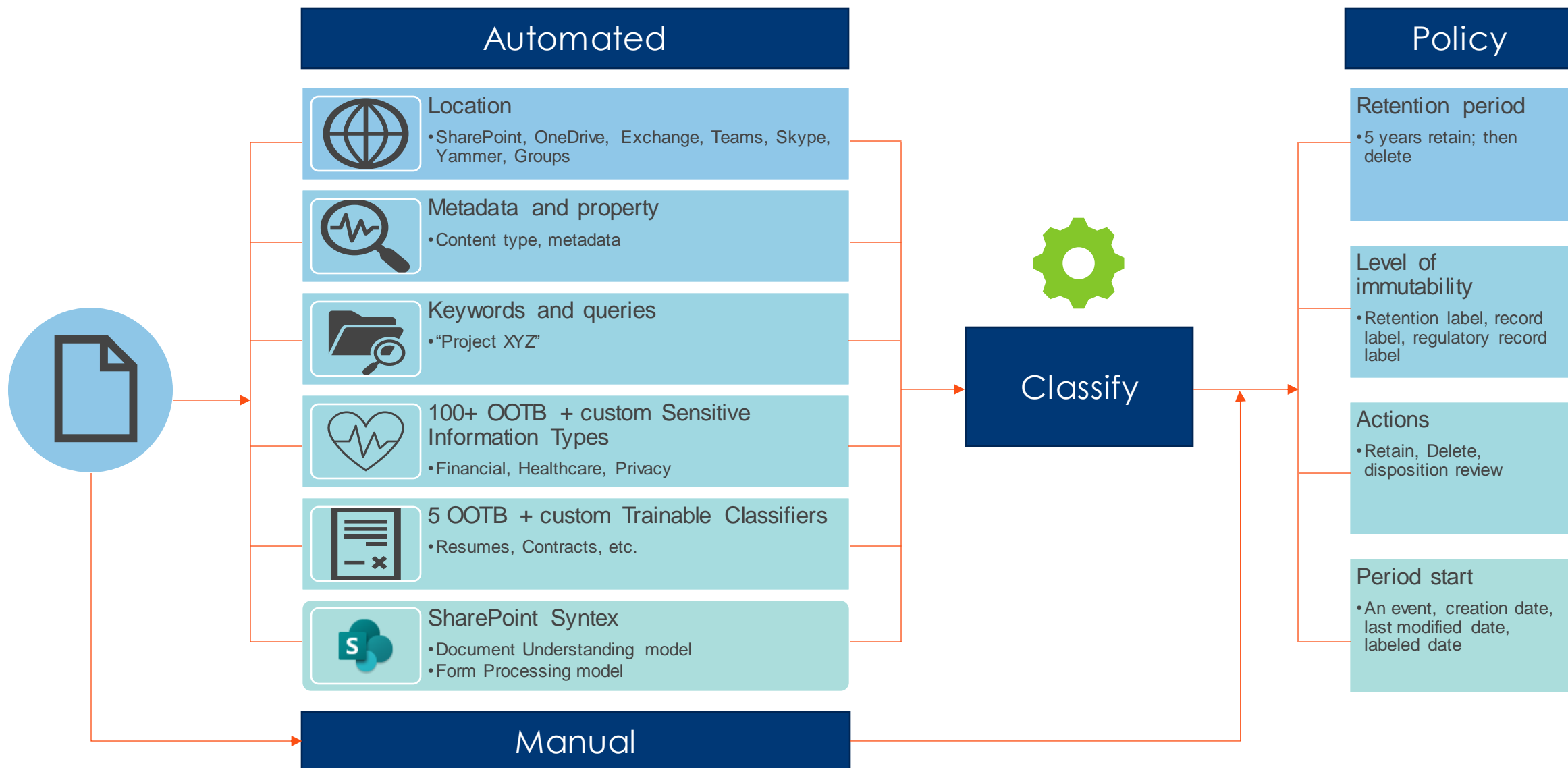
Link: [AIIM | How to become a Modern Records Manager and a Business Enabler](#)

# What's changed with Records Management?

- The Challenges:
  - Retention and disposition on digital records... “out of sight, out of mind”
  - Records Management function is being pushed to end-users
- Records Managers need to:
  - Support innovation by looking for ways to digitize paper-based workflows
  - Support a modernized information infrastructure
  - Support a reliance on automation for governance and compliance needs



# Classify and govern data and records intelligently



# Ways to Auto-apply a Retention Label to SharePoint content

- #1 – Automatically apply at a document library level
- #2 – Automatically apply at a folder or document set level
- #3 – Auto-apply based on a sensitive information type
- #4 – Auto-apply based on a keyword query
- #5 – Auto-apply based on a content type
- #6 – Auto-apply based on a metadata value
- #7 – Automatically set using Power Automate
- #8 – Automatically set using custom code/PowerShell
- #9 – Auto-apply based on a Trainable Classifier
- #10 – Auto-apply based on SharePoint Syntex AI Models



# Auto-apply based on content type



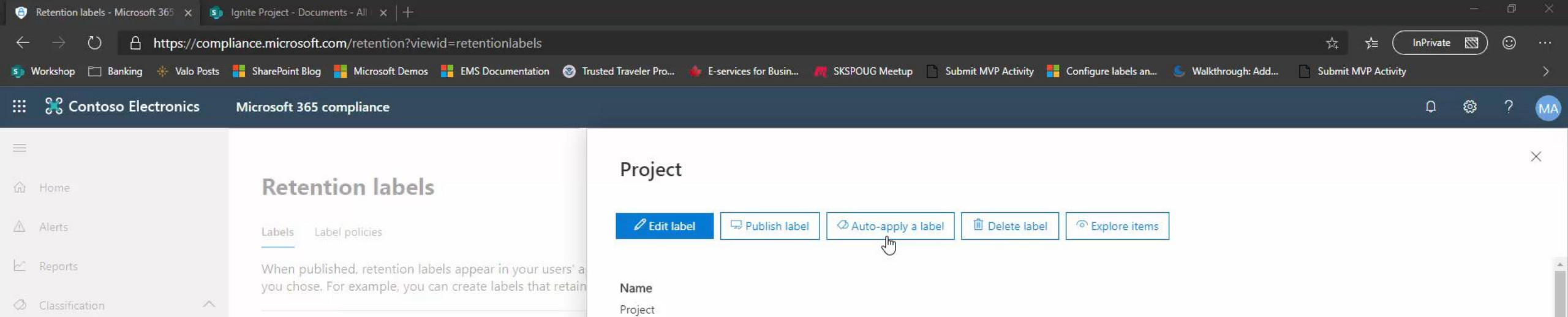
`ContentType:"ContentTypeName"`

# What's a use-case? Project documents

Auto-apply label based on Content Type:

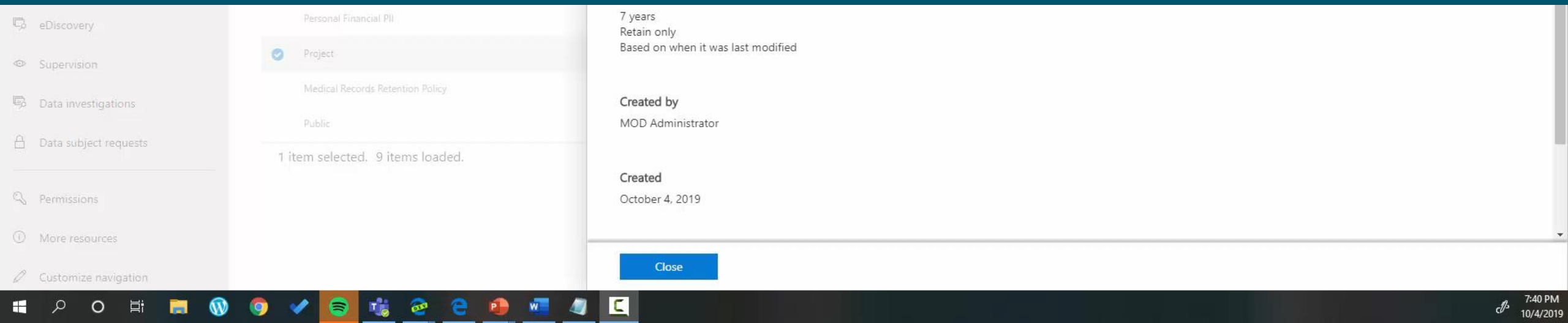
`ContentType:'Project Document'`





## The Setup...

1. Create "Project Document" content type across project sites
2. Create "Project" retention label to retain for 5 years after last modified date



# Auto-apply based on a metadata value



**DOCUMENT  
TYPE**

**BUDGET  
STATUS**

**CONTRACT  
STATUS**

**EXPIRY  
DATE**

Column types: Choice | Managed Metadata\* | Date

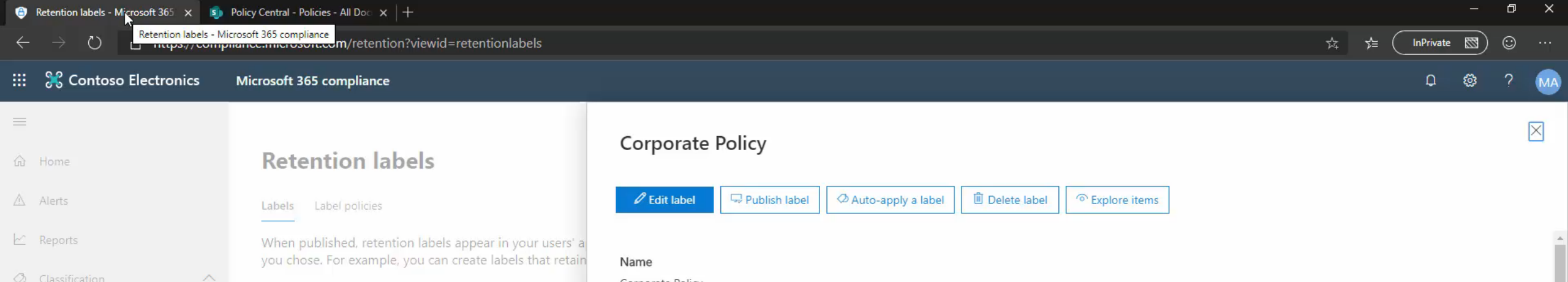


# What's a use-case? Expired Corporate Policies



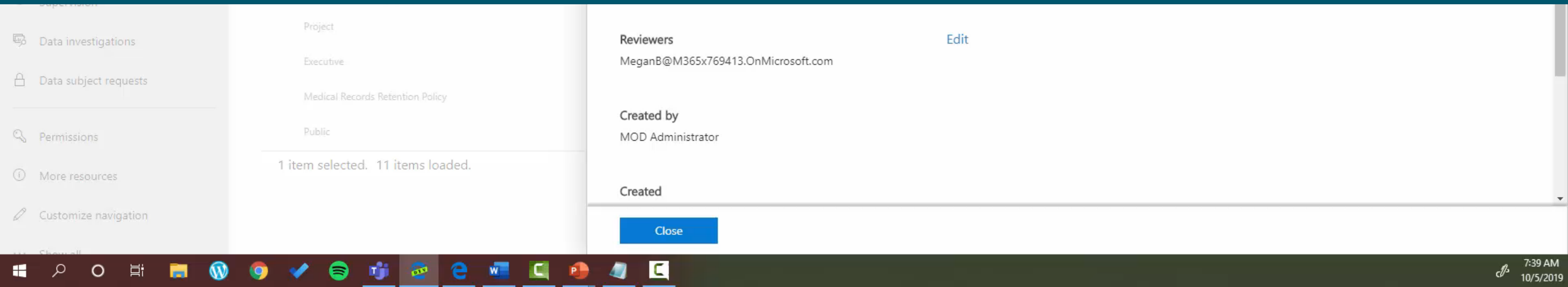
ExpiryDate<TODAY

ContentType:"Corporate Policy" AND  
ExpiryDate<TODAY



## The Setup...

1. Add *PolicyExpiryDate* as metadata to library
2. Map *PolicyExpiryDate* crawled property to a *RefinableDate* managed property
3. Define 'Corporate Policy' retention label to retain 7 years after labeled



# SharePoint Syntex Auto-Apply example

## Document Understanding Model

## High-level Steps



Create a document library to store SOWs in a SharePoint site  
- other content could be stored in the library as well



Create a DU classifier model for SOW in the Content Center  
- use an existing published Content Type or create new



Upload 5 positive and 1 negative SOW samples to train the model



Train DU model to recognize an SOW based on your samples



Train DU model to extract metadata fields from an SOW (optional)



Publish (apply) the DU model to the document library



Upload documents to the library and watch what happens!!

# This is what an SOW looks like

- Client Name
- Services performed
- Start date
- SOW #

SOW  
Content Type



## NexNovus Inc. Statement of Work

### SOW for Agreement to Perform Consulting Services

Client name: ABC Corporation

Services: Solution Design

Start date: July 1, 2021

This SOW # 001 hereinafter called the "SOW"), effective as of July 1, 2021 is entered into by and between Contractor and Client and is subject to the terms and conditions specified below.

#### Period of Performance

Services shall commence immediately after SOW is signed by both Contractor and Client and shall continue until the work described in section 'Scope of Work' is complete.

#### Engagement Resources

Joanne Klein will provide consulting services during all components of the engagement and will work with ABC Corporation resources to coordinate/complete this work as required.

NexNovus Consulting Inc will provide all invoicing for Joanne to ABC Corporation.

#### Scope of Work

Contractor shall provide the Services and Deliverable(s) as follows:

- Phase 1 | SharePoint Site Design work
- Phase 2 | Compliance guidance and design
- Phase 3 | Governance training

Work performed in this SOW will be executed using the NexNovus Microsoft 365 Engagement Framework.

#### Disclaimer

This SOW will not take effect until both client and contractor signatures are obtained.

This proposed SOW is good for 30 days from SOW delivery

All dates proposed in this SOW are estimates only and, as a result, may be affected by unforeseen delays, project members' availability, and changes in project scope.

#### Signatures

Client

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

NexNovus Consulting Inc.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# Information Architecture

- Content Type: SOW
- Site Columns:
  - Client Name: managed metadata, tenant-level term set
  - Services Performed: managed metadata, tenant-level term set
  - SOW Start date: Date column type
  - SOW #: Single line of text column type



Site Columns will be automatically created when we create the column entity extractors (dependent on column data type)

Set up the tenant-level term sets in advance

**New entity extractor** ✕

You can use an existing column to populate with extracted data, or create a new one.

**New name \***

---

**Advanced settings** ⌵

Your model will be deployed using a column within a content type. Either create a new column, or use an existing one.

**Associated site column**

☒ Create a new column

☐ Use an existing column

**Column type**

Single line of text

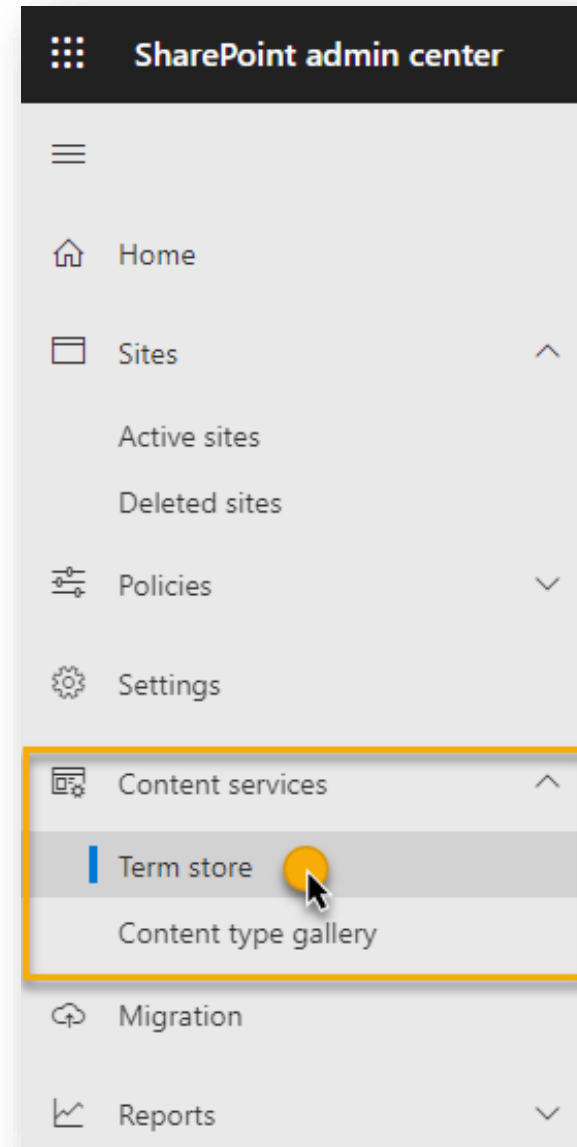
Single line of text  
Multiple lines of text  
Date and time  
Number  
Url

# Client Name metadata

- Tenant-level term set
- Terms added for each client

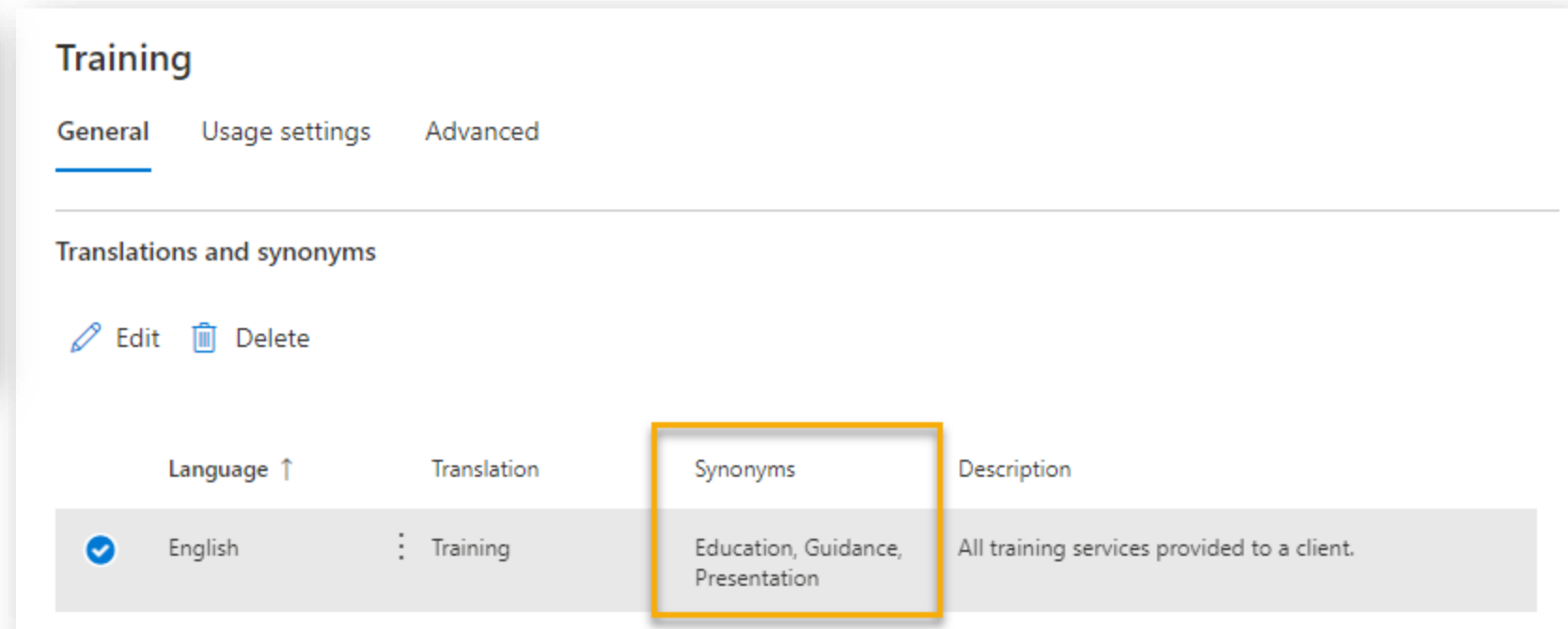
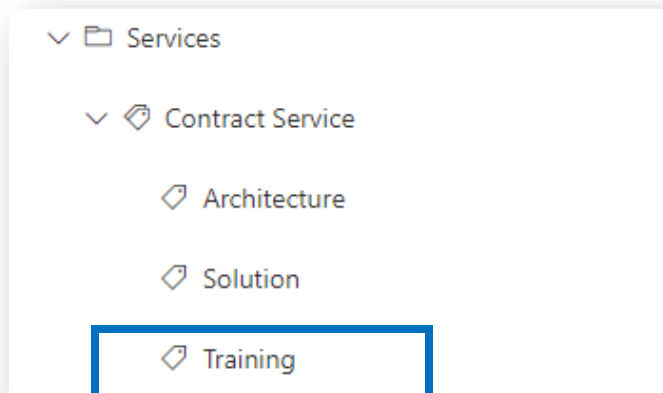


Understand your organization's content-centric processes to streamline them with SharePoint Syntex



# Services Performed metadata

- Tenant-level term set created
- Synonyms added as required \*\*



# Create a new DU Model

(Uses AI to Automatically detect/classify our SOW)

SharePoint

Search this site

FC Finance Content Center

Libraries Pages Models Training Files Files Site contents Edit

+ New Send to Page details

Document understanding model

- List
- Document library
- Page
- News post
- News link
- App

Document understanding model

Create and apply a model to classify files and extract information

Name \*  
SOW

Description  
Statement of Work

Advanced settings

Your model will be deployed using a Content Type. Either create a new one, or use an existing one.

Associated content type

☒ Create a new content type

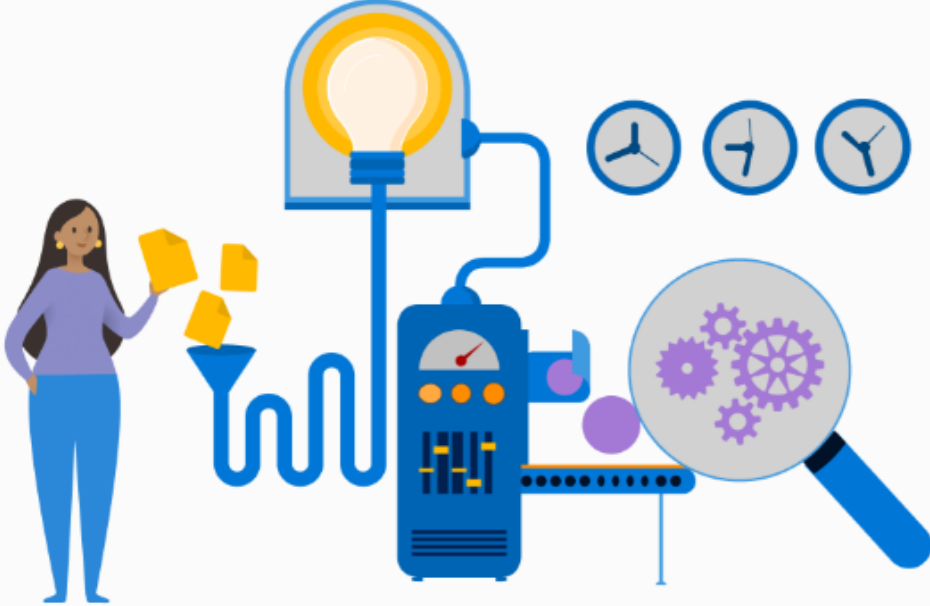
☐ Use an existing content type

Retention Label

Apply a pre-defined retention label to classified files. Selecting a label will add the Retention label column to the library view.

Financial Info

Create Cancel





# Retention Label

Microsoft 365 compliance

Joanne Klein

## Edit retention label

✓ Name

● Retention settings

○ Finish

### Define retention settings

When this label is applied to items, the content is retained and/or deleted based on the settings you choose here.

Retain items for a specific period

Labeled items will be retained for the period you choose. During the retention period, Users will be able to edit items and change or remove the label. If they delete items, we'll keep copies in a secure location. [Learn more](#)

Retention period

7 years

Start the retention period based on

When items were created

+ Create new event type

★

At the end of the retention period

Delete items automatically

Trigger a disposition review

Do nothing

Items will be left in place. You'll have to manually delete them if you want them gone.

Retain items forever

Labeled items will be retained forever, even if users delete them. Users will be able to edit items and change or remove the label. If they delete items, we'll keep copies in a secure location. [Learn more](#)

Only delete items when they reach a certain age

Labeled items won't be retained, but when they reach the age you choose, we'll delete them from where they're stored.

Don't retain or delete items

Labeled items won't be retained or deleted. Choose this setting if you only want to use this label to classify items.

Back

Next

Cancel

?

# Publish Retention Label

## Edit retention policy

- ✓ Choose labels to publish
- **Publish to users and groups**
- Name your policy
- Review your Settings

### Choose locations

We'll publish the labels to the locations you choose.

☐ All locations. Includes content in Exchange email, Office 365 groups, OneDrive and SharePoint documents.

☒ Let me choose specific locations.

Status	Location	Included
<input type="checkbox"/> Off	Exchange email	
<input checked="" type="checkbox"/> On	SharePoint sites	2 sites
<input type="checkbox"/> Off	OneDrive accounts	
<input type="checkbox"/> Off	Microsoft 365 Groups	

### SharePoint sites

Search

✓ 2 of 2 selected

- ✓ https://[redacted].sharepoint.com/sites/FinanceCorner
- ✓ https://[redacted].sharepoint.com/sites/TheWorks

## SOW for Agreement to Perform Consulting Services

Client name: ABC Corporation

Services: Solution Design

Start date: July 1, 2021

This SOW # 001 (hereinafter called the "SOW"), effective as of July 1, 2021 is entered into by and between Contractor and Client and is subject to the terms and conditions specified below.

### Period of Performance

Services shall commence immediately after SOW is signed by both Contractor and Client and shall continue until the work described in section 'Scope of Work' is complete.

### Engagement Resources

Joanne Klein will provide consulting services during all components of the engagement and will work with ABC Corporation resources to coordinate/complete this work as required.

NexNovus Consulting Inc will provide all invoicing for Joanne to ABC Corporation.

### Scope of Work

Contractor shall provide the Services and Deliverable(s) as follows:

- Phase 1 | SharePoint Site Design work
- Phase 2 | Compliance guidance and design
- Phase 3 | Governance training

Work performed in this SOW will be executed using the NexNovus Microsoft 365 Engagement Framework.

### Disclaimer

This SOW will not take effect until both client and contractor signatures are obtained.

This proposed SOW is good for 30 days from SOW delivery

All dates proposed in this SOW are estimates only and, as a result, may be affected by unforeseen delays, project members' availability, and changes in project scope.

### Signatures

Client

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

NexNovus Consulting Inc.

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

## Positive

Upload a minimum of 5 positive examples of an SOW

## Negative

Upload a minimum of 1 negative example of an SOW

## Train

Train the model

- Create Explanations as required to identify an SOW
- Label each example as positive or negative



An explanation is like a tip to help the model identify your document and ensures accuracy.

You need at least 1.

# Create Extractors (OPTIONAL)



Do you want to pull specific information out of the document and save it to a column in a SharePoint library?

- Columns to extract:
  - Client Name | managed metadata from tenant-level term set
  - Services Performed | managed metadata from tenant-level term set
  - SOW Start date | date
  - SOW # | Single line of text
- Either use existing columns or create new
  - I pre-created all site columns
  - I added them into the SOW content type manually

# Create Site Columns

**Site Settings** ▸ Site Columns

Create

Site Column

**~Intelligent Custom Columns**

- ClientName
- ServicesPerformed
- SOWNum
- SOWStartDate

**Site Content Types** ▸ Site Content Type

**Site Content Type Information**

**Name:** SOW

**Description:** Create a new document.

**Parent:** Document

**Group:** Intelligent Document Content Types

**Settings**

- Name, description, and group
- Advanced settings
- Workflow settings
- Document Information Panel settings
- Delete this site content type

**Columns**

Name	Type	Status
Name	File	Required
Title	Single line of text	Optional
ClientName	Managed Metadata	Optional
ServicesPerformed	Managed Metadata	Optional
SOWStartDate	Date and Time	Optional
SOWNum	Single line of text	Optional

# Create Entity (column) Extractors

The screenshot displays the SharePoint AI interface for a model named 'SOW'. The main area shows 'Key actions' with buttons for 'Add files', 'Train classifier' (showing 100% accuracy), and 'Create and train'. Below this is a section for 'Example files for training'. A 'New entity extractor' dialog box is open on the right, allowing the user to select a column from a list of 'Content type Columns' and 'Site Columns'. The 'Use an existing column' option is selected under 'Advanced settings'.

**SharePoint** Search

**Models > SOW**  
Last trained on: 4/12/2021, 3:52:42 PM

**Key actions**

- Add example files  
Add files
- Classify files and run training  
100  
Accuracy ⓘ  
Train classifier
- Create and train  
Create

**Example files for training**  
+ Add from library — Remove ↩ Open library

**Entity extractors**  
Select or add an entity extractor

**New entity extractor** X

You can use an existing column to populate with extracted data, or create a new one.

New name \*

**Advanced settings** ^

Your model will be deployed using a column within a content type. Either create a new column, or use an existing one.

**Associated site column**

- ☐ Create a new column
- ☒ Use an existing column

Use an existing column \*

Select from existing columns

**Column type**

Create Cancel

**Content type Columns**

- ClientName
- ServicesPerformed
- SOWStartDate
- SOWNum

**Site Columns**

- % Complete
- Actual Work
- Address
- Anniversary
- Append-Only Comments
- Assigned To
- Assistant's Name
- Assistant's Phone
- Author
- Billing Information
- Birthday

# Client Name Extractor

### New entity extractor

You can use an existing column to populate with extracted data, or create a new one.

New name \*

ClientName

Advanced settings

Your model will be deployed using a column within a content type. Either create a new column, or use an existing one.

Associated site column

☐ Create a new column

☒ Use an existing column

Use an existing column \*

ClientName

Column type

TaxonomyFieldType

- Extract this information from each SOW document to automatically populate the metadata column in the SharePoint library
- Steps:
  - Create the column (or use existing)
  - Label each file with the value
  - Provide 1 or more explanations to help the model identify the Client Name
  - Train the model
  - Your goal is **100%**



## Models &gt; SOW &gt; ClientName Extractor

100

Accuracy ⓘ

Label Train Test

Label at least 5 examples. Train after you've labeled.

## Labeled examples

+ Add example files — Remove

	Name	Label
<input type="radio"/>	Quote 001 for ABC Corporation.docx	No label
<input type="radio"/>	SOW 001 for ABC Corporation.docx	ABC Corporation
<input type="radio"/>	SOW 002 for Tailspin Toys.docx	Tailspin Toys
<input type="radio"/>	SOW 003 for Petes Pickles.docx	Petes Pickles
<input type="radio"/>	SOW 004 for Acme Corporation.docx	Acme Corporation
<input type="radio"/>	SOW 005 for Best Bank Inc.docx	Best Bank
<input type="radio"/>	SOW 006 for Marble World.docx	Marble World
<input type="radio"/>	SOW 007 for Latte Love.docx	Latte Love
<input checked="" type="radio"/>	SOW 008 for Espresso Ed.docx	Espresso Ed

View original

SOW 008 for Espresso Ed.docx

Find

← Previous file

File 9 of 9

Next file →

Save

☐ No labelAccessibility Mode ☐ Off

NexNovus Inc. Statement of Work

SOW for Agreement to Perform Consulting Services

Client name: Espresso Ed

Services: Training

Start date: November 1, 2021

This SOW # 008 (hereinafter called the "SOW"), effective as of November 1, 2021 is entered into by and between Contractor and Client and is subject to the terms and conditions specified below.

Period of Performance

Services shall commence immediately after SOW is signed by both Contractor and Client and shall continue until the work described in section 'Scope of Work' is complete.

Engagement Resources

Joanne Klein will provide consulting services during all components of the engagement and will work with client resources to coordinate/complete this work as required.

NexNovus Consulting Inc will provide all invoicing for Joanne to Espresso Ed.

Scope of Work

Contractor shall provide the Services and Deliverable(s) as follows:

Phase 1 | SharePoint Site Design work

Phase 2 | Compliance guidance and design

Phase 3 | Governance workshop

Work performed in this SOW will be executed using the NexNovus Microsoft 365 Engagement Framework.

Disclaimer

This SOW will not take effect until both client and contractor signatures are obtained.

This proposed SOW is good for 30 days from SOW delivery

All dates proposed in this SOW are estimates only and, as a result, may be affected by unforeseen



## Models &gt; SOW &gt; ClientName Extractor

n/a

Accuracy ⓘ

Label Train Test

Identify patterns that always occur with the labeled entity and the characters around it. Add an explanation for each.

## Explanations

Train Model

+ New ▾ Save as template — Remove

Name	Type	Active
<input type="radio"/> Client name prefix	Phrase list	<input checked="" type="checkbox"/> On

## Trained files — Remove

<input type="checkbox"/>	Name	Prediction	Evaluation
<input checked="" type="checkbox"/>	SOW 001 for ABC Corporation.docx	ABC Corpora...	Match
<input type="checkbox"/>	SOW 002 for Tailspin Toys.docx	Tailspin Toys	Match
<input type="checkbox"/>	SOW 003 for Petes Pickles.docx	Petes Pickles	Match
<input type="checkbox"/>	SOW 004 for Acme Corporation,d...	Acme Corpo...	Match
<input type="checkbox"/>	SOW 005 for Best Bank Inc.docx	Best Bank	Match
<input type="checkbox"/>	SOW 006 for Marble World.docx	Marble World	Match

View original

SOW 001 for ABC Corporation.docx

Find

← Previous file

File 1 of 9

Next file →

Open in Label

- Predicted

- Labeled

Accessibility Mode

Off

NexNovus Inc. Statement of Work

SOW for Agreement to Perform Consulting Services

Client name: ABC Corporation

Services: Solution

St

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engagement and will work with ABC Corporation resources to coordinate/

complete this work as required.

NexNovus Consulting Inc will provide all invoicing for Joanne to ABC

Corporation.

Scope of Work

Contractor shall provide the Services and Deliverable(s) as follows:

Phase 1 | SharePoint Site Design work

Phase 2 | Compliance guidance and design

Phase 3 | Governance training

Work performed in this SOW will be executed using the NexNovus

Microsoft 365 Engagement Framework.

Disclaimer

# Train the Extractor

# Rinse and Repeat

- Create column extractors for the remaining 2 columns
  - SOW Num
  - SOW Start date
- Train the model after each to ensure it is pulling the correct value



## Models &gt; SOW

Last trained on: 4/14/2021, 6:07:05 PM

Model settings

[Tour how to create a model](#)

## Key actions

Add example files

[Add files](#)

Classify files and run training

100

Accuracy ⓘ

[Train classifier](#)

Create and train extractors

[Create extractor](#)

Apply model to libraries

[Apply model](#)

## Example files for training

[+ Add from library](#) [— Remove](#) [← Open library](#)

File name	Modified	Modified By
SOW 001 for ABC Corporation.docx	Mon at 4:35 PM	Joanne Klein
Quote 001 for ABC Corporation.docx	Mon at 4:34 PM	Joanne Klein
SOW 002 for TailsSpin Toys.docx	Mon at 4:35 PM	Joanne Klein
SOW 003 for Petes Pickles.docx	Mon at 4:35 PM	Joanne Klein
SOW 004 for Acme Corporation.docx	Mon at 4:35 PM	Joanne Klein
SOW 005 for Best Bank Inc.docx	Mon at 4:35 PM	Joanne Klein
SOW 006 for Marble World.docx	Mon at 4:35 PM	Joanne Klein
SOW 008 for Espresso Ed.docx	Mon at 4:36 PM	Joanne Klein
SOW 007 for Latte Love.docx	Mon at 4:35 PM	Joanne Klein

## Entity extractors

Select or add an entity extractor. Train the model by labelling entities in the example files you've added.

[+ New entity extractor](#) [— Remove](#)

Name	Last trained on	Explanatio...	Accuracy %
<a href="#">ClientName</a>	4/14/2021, 7:07:05 PM	1	100
<a href="#">ServicesPerformed</a>	4/12/2021, 7:39:25 AM	1	100

## Libraries with this model

This classifier and its extractors have been applied to the following libraries.

[+ Add library](#) [↻ Sync all](#) [— Remove](#)



## Key actions

Add example files



Add files

Classify files and run training

100

Accuracy ⓘ

Train classifier

Create and train extractors



Create extractor











Apply model to libraries



Apply model

## Example files for training

[+ Add from library](#) [— Remove](#) [↔ Open library](#)

 File name	Modified	Modified By
 SOW 001 for ABC Corporation.docx	4m ago	Joanne Klein
 Quote 001 for ABC Corporation.docx	4m ago	Joanne Klein
 SOW 002 for Tailspin Toys.docx	4m ago	Joanne Klein
 SOW 003 for Petes Pickles.docx	4m ago	Joanne Klein
 SOW 004 for Acme Corporation.docx	3m ago	Joanne Klein
 SOW 005 for Best Bank Inc.docx	3m ago	Joanne Klein
 SOW 006 for Marble World.docx	3m ago	Joanne Klein
 SOW 008 for Espresso Ed.docx	3m ago	Joanne Klein
 SOW 007 for Latte Love.docx	3m ago	Joanne Klein

## Entity extractors

Select or add an entity extractor. Train the model by labelling entities in the example files you've added.

[+ New entity extractor](#) [— Remove](#)

Name	Last trained on	Explanatio...	Accuracy %
ClientName	4/14/2021, 7:07:05 PM	1	100
ServicesPerformed	4/12/2021, 7:39:25 AM	1	100
SOWNum	4/14/2021, 7:19:45 PM	1	100
SOWStartDate	4/14/2021, 7:24:00 PM	1	100

## Libraries with this model

This classifier and its extractors have been applied to the following libraries.

[+ Add library](#) [↻ Sync all](#) [— Remove](#)

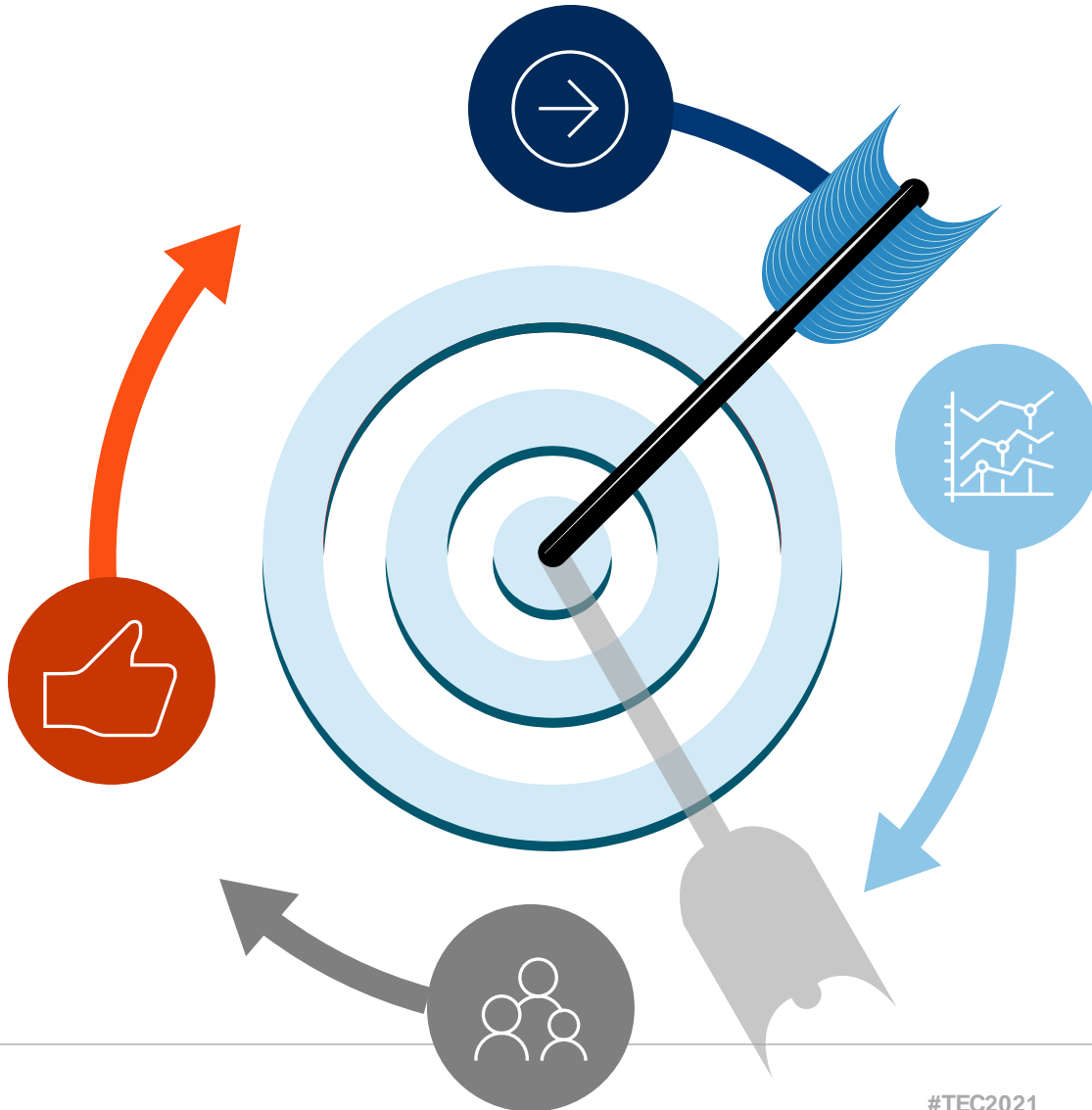
The model has not been applied yet.

# Key Takeaways

## Where to start...



# Compliance | Take a Crawl-Walk-Run Approach



## **JUST START!**

Allows you to start without having it all figured out.

## **INCREMENTAL IMPROVEMENTS**

Allows for incremental improvements along the way.

## **INFORMATION WORKER IMPACT**

Eases information workers into the world of compliance.

## **DO “SOMETHING”**

“Some” compliance controls are better than none. “Progress not Perfection”.

# An Approach for Modern Compliance

## GOVERN YOUR DATA (THRU ITS LIFECYCLE)

Manage records and information in a compliant manner

- Apply retention policies for broad coverage
- Auto-apply retention labels on high-value business content
- Leverage SharePoint Information Architecture where it makes sense

## PROTECT YOUR DATA (WHEREVER IT TRAVELS)

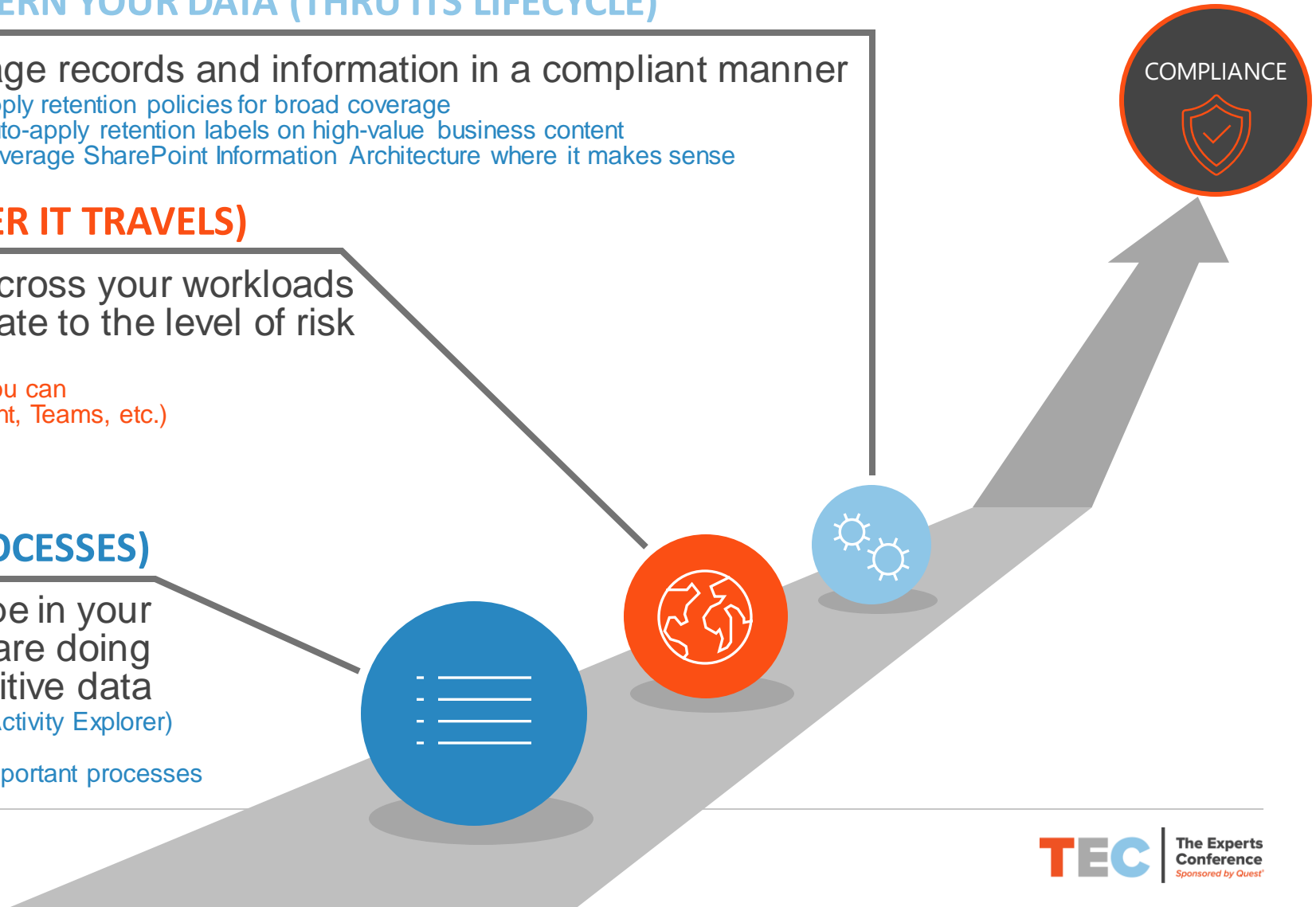
Apply flexible protection actions across your workloads appropriate to the level of risk

- Data Loss Prevention, Sensitivity Labels
- Automatically apply at the item level where you can
- Apply controls at the location level (SharePoint, Teams, etc.)

## KNOW YOUR DATA (AND PROCESSES)

Understand the data landscape in your organization and what users are doing with your sensitive data

- Data Classification (Content Explorer, Activity Explorer)
- Audit Logs
- Look for places to digitize/streamline important processes





# Thank you.

#TEC2021

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# Links from this presentation

- [Introduction to SharePoint information architecture in Microsoft 365](#)
- [All the ways to automatically apply a retention label in Microsoft 365](#)
- [SharePoint Syntex Document understanding overview | Microsoft Docs](#)
- [AIIM | How to become a Modern Records Manager and a Business Enabler](#)
- [Microsoft 365 Information Protection and Compliance Deployment Acceleration Guides](#)
- Microsoft 365 licensing guidance for security & compliance
  - <https://aka.ms/ComplianceSD>