Secure Your Non-Profit Healthcare Data and Reduce Risks in 5 Simple Steps

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

Collaborate with Confidence

Accessible content is available upon request.

Agenda

Let’s meet DNDi

What We Need to Secure

5 Steps to Reduce Risks

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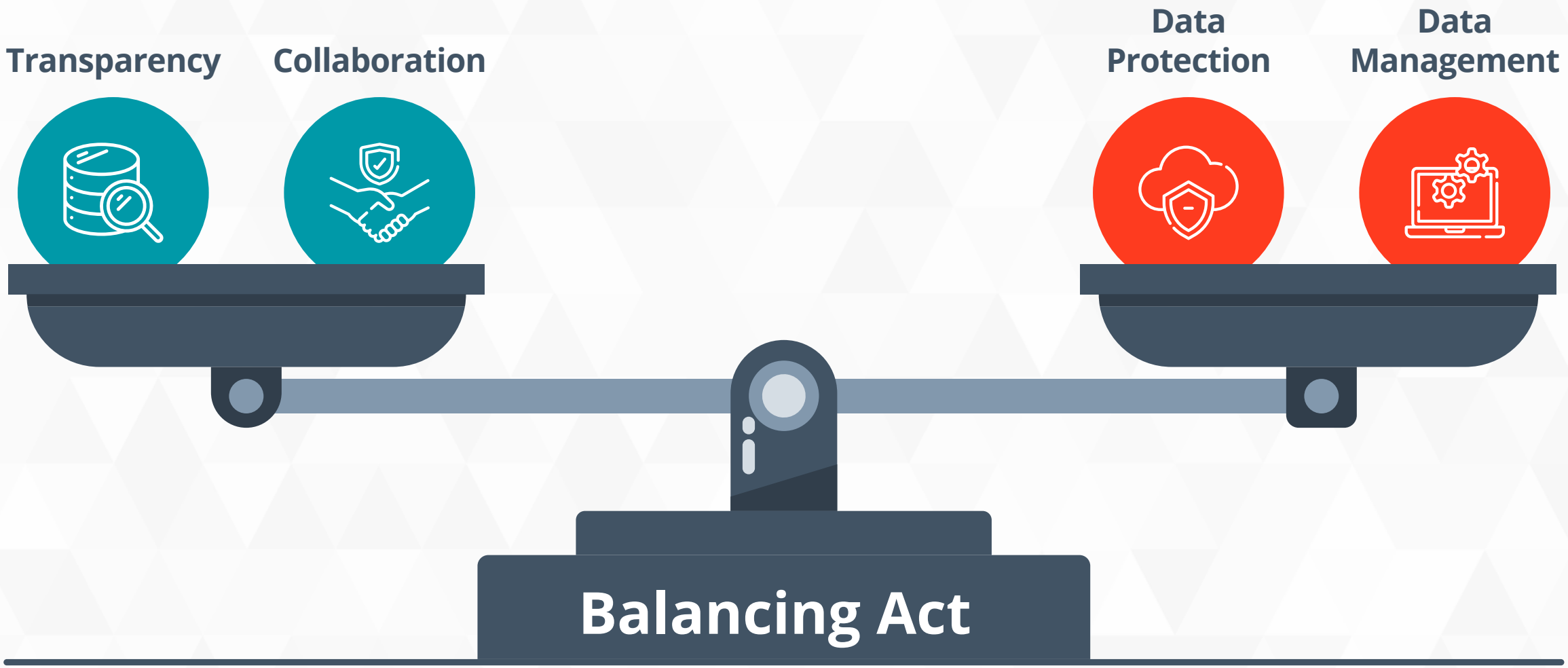
DNDi

Drugs for Neglected Diseases *initiative*

Pascal Carpienter
Head of Information Systems and Technology

What We Need to Secure



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Protect Your Crown Jewels

Regulated Data

- Data that requires retention / long-term archives
- ITAR / export controlled data
- Gold copies or replication

Sensitive Data

- “Controlled Unclassified Information” (CUI)
- PII / PHI / PCI data that about employees / citizens

Classified Data

- Operational security (OpSec)
- Intellectual Property
- Classified documents

Fines and Prosecution

Fines and Loss of Reputation

Security / Business Drivers

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What does Microsoft offer?

DLP

In-House Dev
Protection @
Office 365

Protect The **System**

CASB

Cloud App Security
Advanced Security
Management

Protect The **Access**

RMS

Azure Information Protection
CLP, Windows,
Office, Mobile

Protect The **File**

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How AvePoint Extends Microsoft 365

Migrate | **Manage** | **Protect**

On-Premises | ***Hybrid*** | ***Cloud***

DCAP
Data Centric Audit & Protection

Enterprise-Wide Classification | Data Governance Framework | Risk Assessment

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5 Simple Steps to Reduce Risks

1

Discover and Classify

Welcome Home!
TITAN
DAWN
ISLAND PAPER MILLS COMPANY
RepliCopy
meats for modern living
Mead moistrite

Discover and map

Where is it

- File Share
- SharePoint
- Office 365
- Databases

What is it?

File Level Analysis

- Redundant, outdated and trivial (ROT) data
- File types (Music, log files, etc..)

Content Level Analysis

- Sensitive data
- Date Created
- Owner

Who can access it?

- Who owns it?
- Who can read it?
- Who can edit it?

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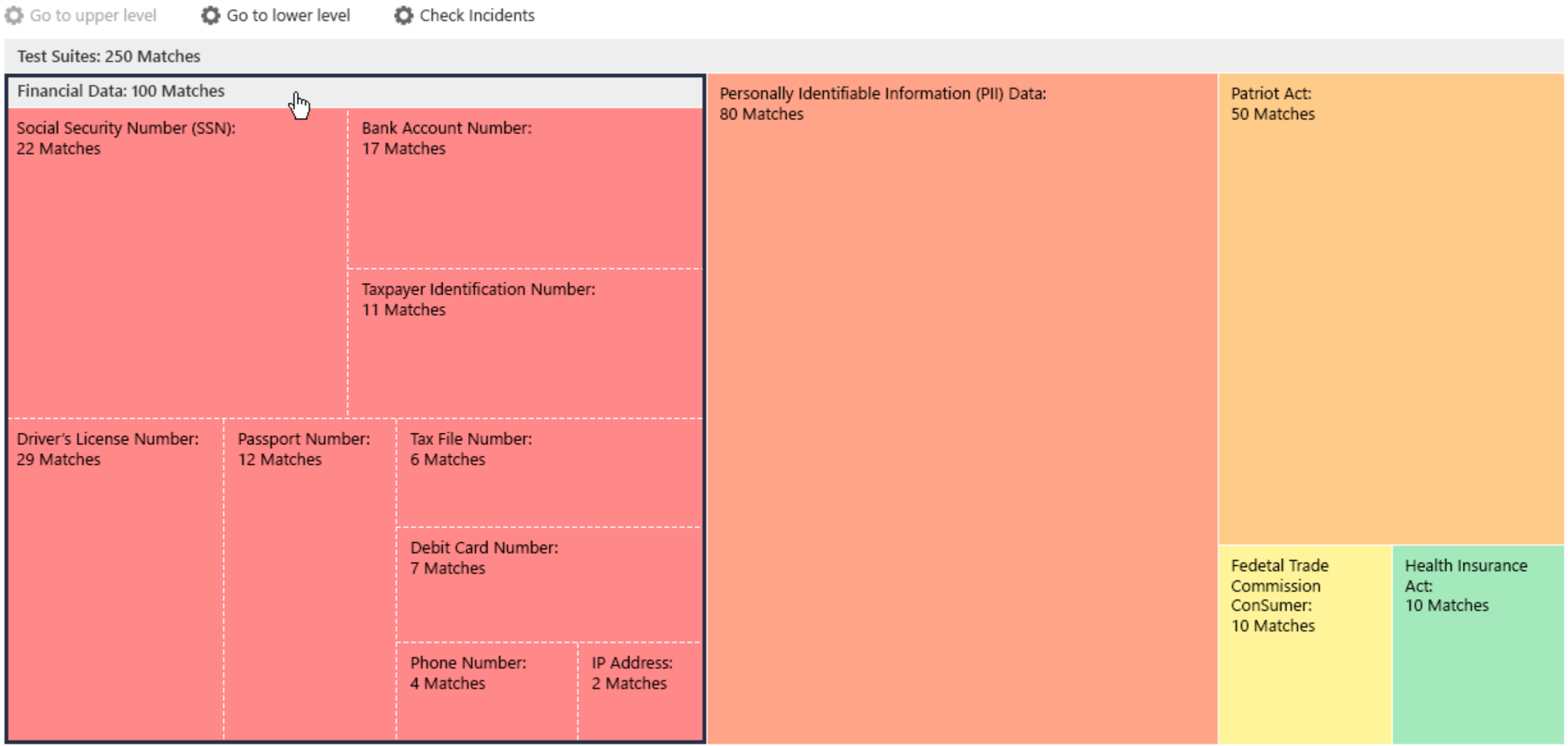
Example: Heat map of sensitive data



Tag and classify

Tags

- Ownership
- Purpose
- Audience
- Sensitivity level

Classify

- Where should it live?
- Who should have access?
- Is it a record?
- Is it high business impact?

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2 Facilitate Compliant Migration

Migration Options

Migrate Everything

Selective Migration

Pre Migration Cleanup

Post Migration Cleanup

Considerations

- Speed to completion?
- Total duration?
- Speed to kick-off?
- Risk upon migration?
- Cost of project?
- Key Stakeholders?
- Regulations & Compliance?

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Migration Framework

Phase 1	Migration Discovery, Assessment, and Planning
Phase 2	Information Architecture and Governance Planning
Phase 3	Pilot Migration
Phase 4	Migration Execution

Comprehensive Migration Plan

- IA & Governance framework will help avoid “sprawl”
- Pilot confirms validity of the plan and provides insight into potential roadblocks
- Iterative Migration Execution will focus first on high priorities and quick wins

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3

Automate Data Governance Policies

How do you know where to park?

Approach to defining your policy

Build “controls” into containers

Make sure no one messes with your controls

Ensure the system is used as intended

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Example: Policy for Microsoft Teams

New Team

Team Configuration

- External Sharing Enabled?
- Classification of Content?
- Data Sovereignty?

Security

- Permission groups?
- Outside Vendors?

Ownership

- Contacts / Stewards?

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EXAMPLE

	DEPARTMENT A	DEPARTMENT B	DEPARTMENT C
EXTERNAL SHARING	No external sharing X	External sharing allowed in:	External sharing only allowed in:
EXPIRATION/ RETENTION	6 Months after last accessed	12 Months after last accessed	9 Months after last accessed
ALLOW THESE USERS TO CREATE A TEAM	All requests through Central IT	All requests through Department IT	Only Joe, Sally, and Harold can create
RECERTIFY MEMBERS	after 3 Months	after 6 Months	after 12 Months

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“Templates” should be more than channels and configuration

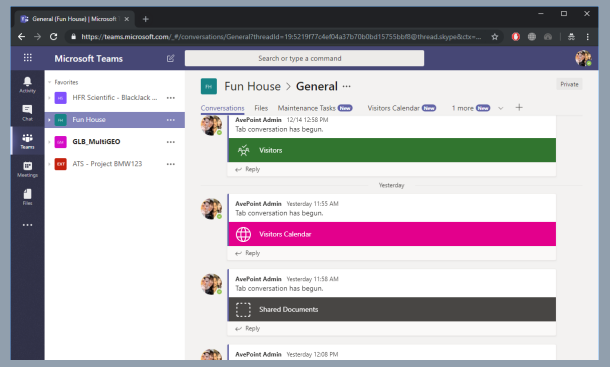
An effective template framework includes the site components, and the lifecycle components.

AvePoint Cloud Governance

- Pre-set Channels and Tab recommendations are great for helping contextualize Teams for business users, but these only get you so far as a “template”.
- The AvePoint approach accounts for the Operational Governance and lifecycle to ensure “templates” are not ONLY provisioned correctly (and compliant with IT policy) but also managed

Project (INTERNAL)

TEMPLATE DEFINITION: Recommended for internal-department or ad-hoc Projects with a small-to-medium audience who require pre-configured default Project channels with real-time chat and meetings.



EXTERNAL SHARING	X No external sharing
EXPIRATION/ RETENTION	6 Months after last accessed
WHO CAN CREATE	All requests through Central IT
RECERTIFY MEMBERS	after 3 Months

4

Proactively Enforce Policies

Make it Easy to Do the Right Thing

Example: Enforce Document Compliance

It’s Friday 5pm and Joe needs to upload his daily documents into SharePoint

He doesn’t have time to classify documents and wants to go home on time

Company policy is that everything that goes into SharePoint MUST be classified and Restricted information must not be shared with Everyone

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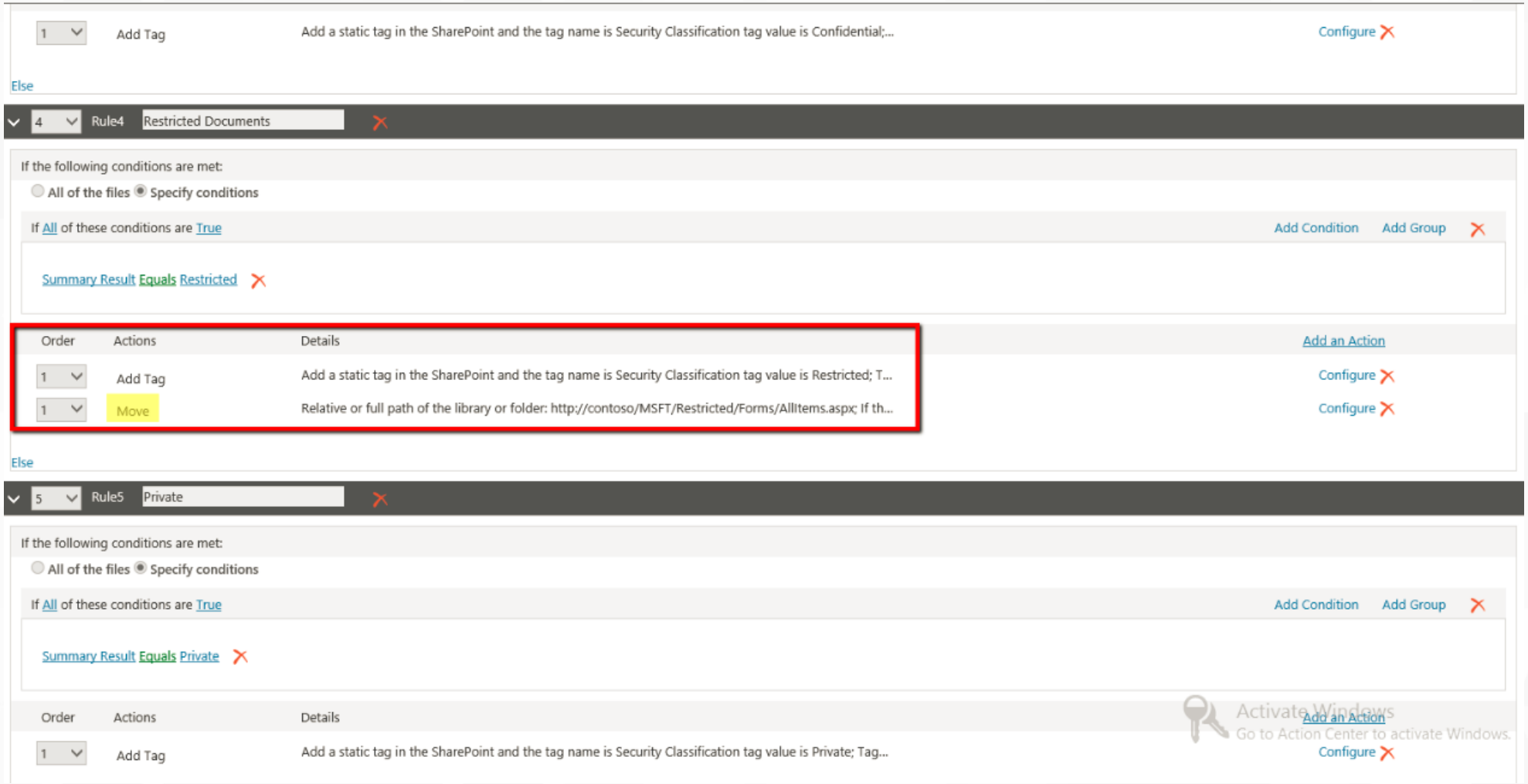
Defining policy



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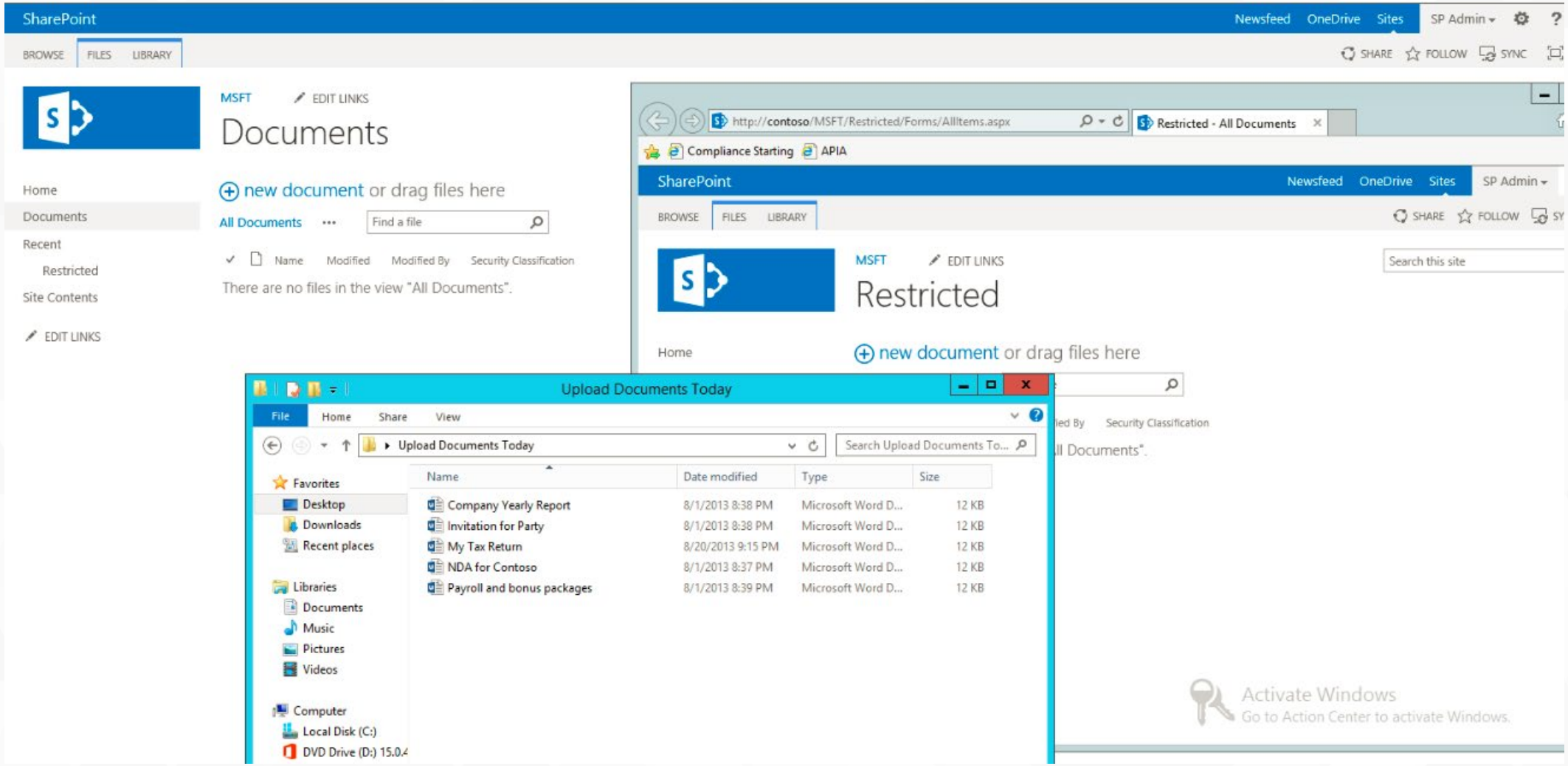
Uploading files



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Violation identified

SharePoint

Newsfeed OneDrive

BROWSE FILES LIBRARY

MSFT EDIT LINKS

Search

Documents

Home

Documents

Recent

Restricted

Site Contents

EDIT LINKS

Upload completed (4 added, 1 failed) DISMISS

All Documents ...

Find a file

Name	Modified	Modified By	Security Classification
Company Yearly Report	A few seconds ago	SP Admin	Top Secret
Invitation for Party	A few seconds ago	SP Admin	Public
My Tax Return	A few seconds ago	SP Admin	Private
NDA for Contoso	A few seconds ago	SP Admin	Confidential
Payroll and bonus packages	The action was applied to this file because it contains sensitive content. Please contact the administrator for details.		

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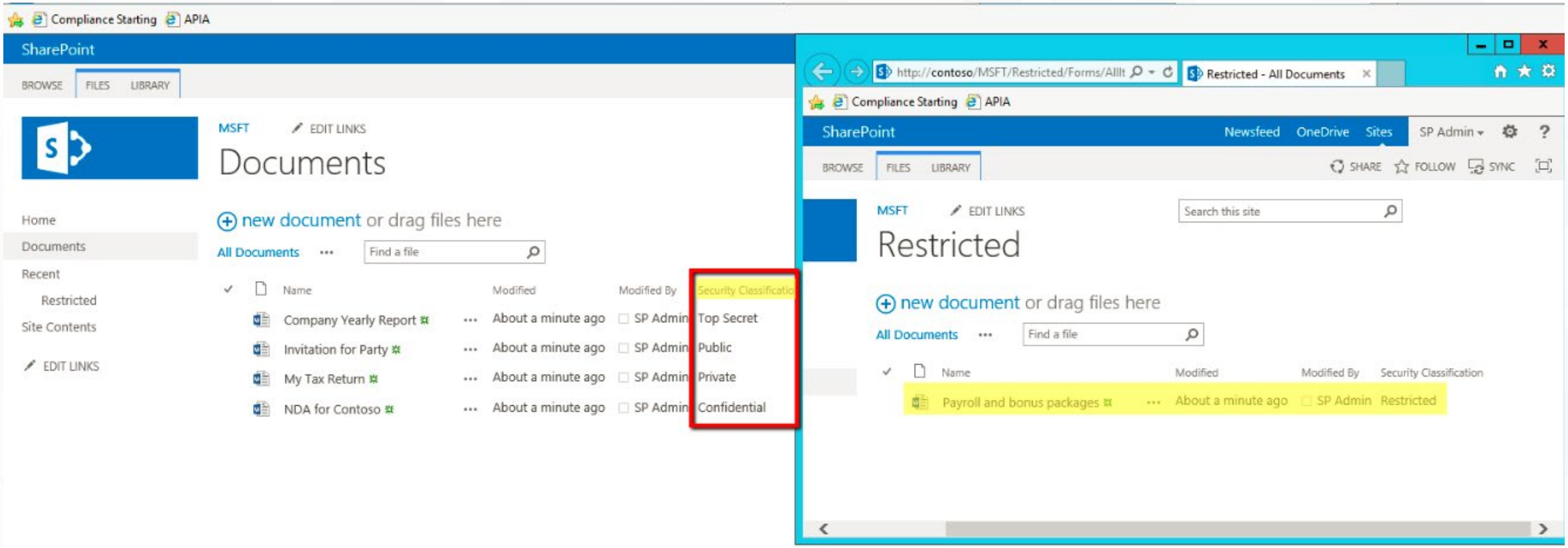
Classification & Compliance Enforced



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5

Report and Audit

Regular Recertification

Access Permissions

- *Who can do what to the stuff in here?*
- *Does Bob still need his access?*

Data Ownership

- *Who is responsible for the stuff in here?*
- *Are they still here and willing to own it?*

Classification

- *Tell me about the stuff that lives in here…*
- *Is it sensitive?*
- *Is it important?*

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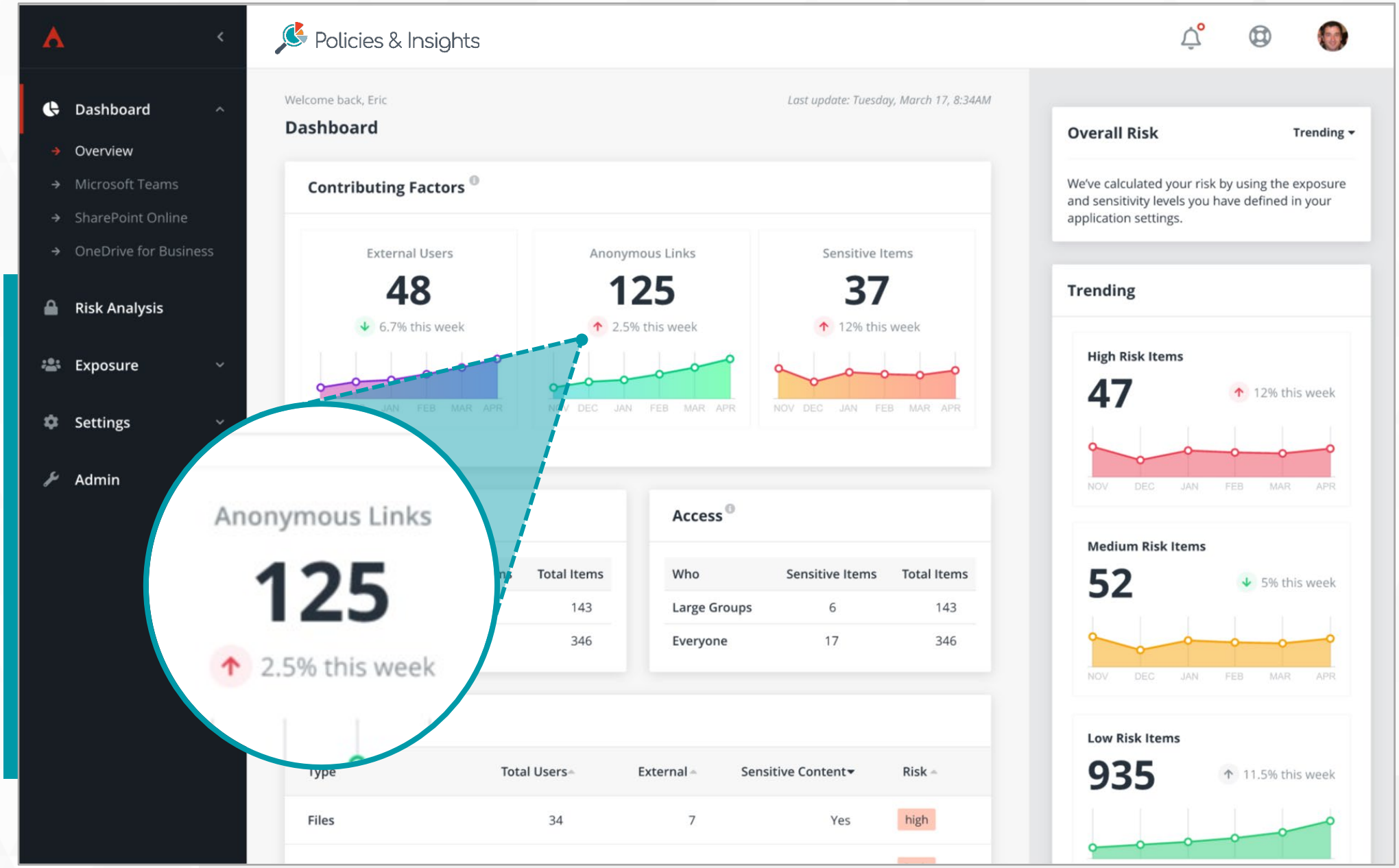
A better way

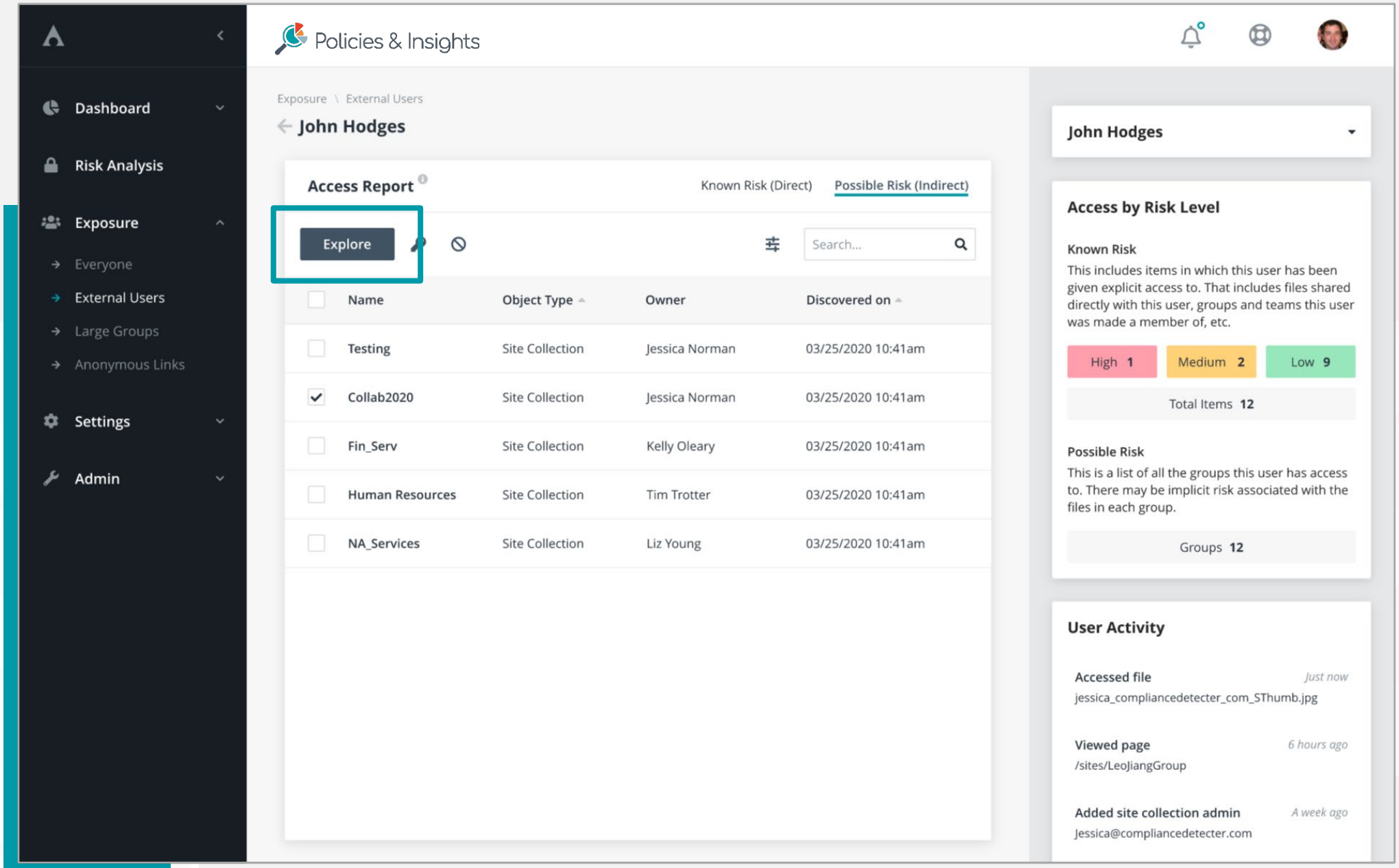
Tracking risk over time to understand changes to your environment

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



Example

Quick-reports on Users, Groups, Teams, Anonymous Links, and External Users



Q+A

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Learn How Your Peers Made Shift Happen!

https://www.avepoint.com/blog/shifthappens/

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thank you

Gracias	ευχαριστώ	Danke	Grazie	благодаря
Hvala	Obrigado	Kiitos	شكراً	Tak
Ahsante	Teşekkürler	متشكرم	Salamat Po	감사합니다
Cám ơn	شكريه	Terima Kasih	Dank u Wel	Děkuji
நன்றி	Köszönöm	ありがとうございます	ขอบคุณครับ	Dziękuję
谢谢	Tack	Mulţumesc	спасибо	Merci
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