

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.

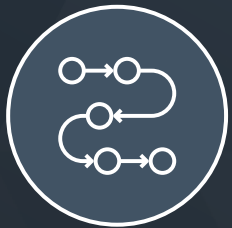
Agenda



Let's meet DNDi



What We Need to Secure



5 Steps to Reduce Risks





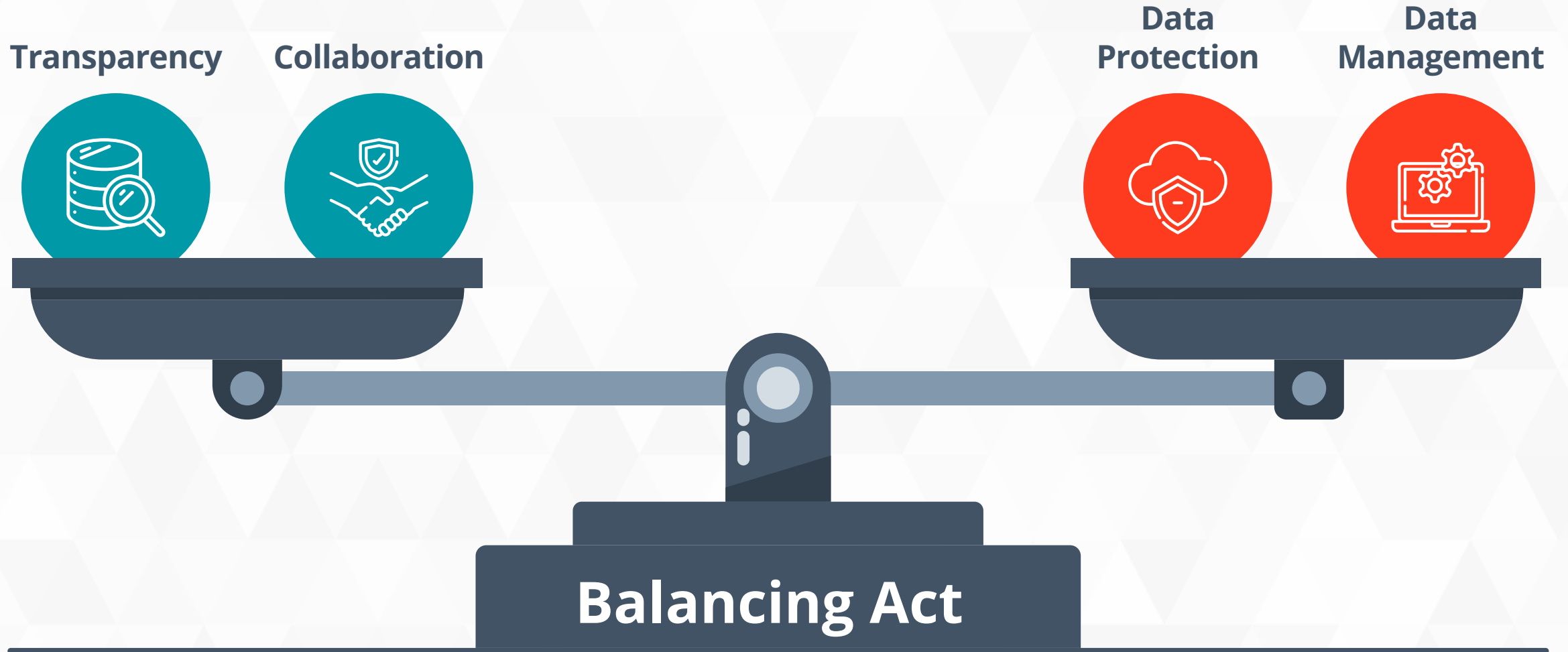
DND*i*

Drugs for Neglected Diseases *initiative*

Pascal Carpienter

Head of Information Systems and Technology

What We Need to Secure



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



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**



How AvePoint Extends Microsoft 365



Migrate

On-Premises



Manage

Hybrid



Protect

Cloud

DCAP
Data Centric Audit & Protection



Enterprise-Wide
Classification

Data Governance
Framework

Risk Assessment



5 Simple Steps to Reduce Risks



1

**Discover
and Classify**



Welcome Home!

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- Redundant, outdated and trivial (ROT) data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?



Example: Heat map of sensitive data

⚙️ Go to upper level ⚙️ Go to lower level ⚙️ Check Incidents

Test Suites: 250 Matches

Financial Data: 100 Matches

Social Security Number (SSN):
22 Matches

Bank Account Number:
17 Matches

Taxpayer Identification Number:
11 Matches

Driver's License Number:
29 Matches

Passport Number:
12 Matches

Tax File Number:
6 Matches

Debit Card Number:
7 Matches

Phone Number:
4 Matches

IP Address:
2 Matches

Personally Identifiable Information (PII) Data:
80 Matches

Patriot Act:
50 Matches

Federal Trade
Commission
Consumer:
10 Matches

Health Insurance
Act:
10 Matches

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?



A hand is pointing at a large white number 2. The background features a clock face with a cloud icon and up/down arrows in the center, surrounded by various network and technology icons like a globe, cubes, and a server rack.

2

**Facilitate Compliant
Migration**

Migration Options

Migrate Everything

Selective Migration

Pre Migration Cleanup

Post Migration Cleanup

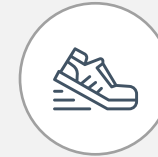
Considerations



Speed to completion?



Total duration?



Speed to kick-off?



Risk upon migration?



Cost of project?



Key Stakeholders?



Regulations & Compliance?



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





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



Example: Policy for Microsoft Teams

New Team

Team Configuration

Security

Ownership

External
Sharing
Enabled?

Classification
of Content?

Data
Sovereignty?

Permission
groups?

Outside
Vendors?

Contacts /
Stewards?



EXAMPLE

DEPARTMENT



DEPARTMENT



DEPARTMENT



**EXTERNAL
SHARING**

No external sharing



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



"Templates" should be more than channels and configuration

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

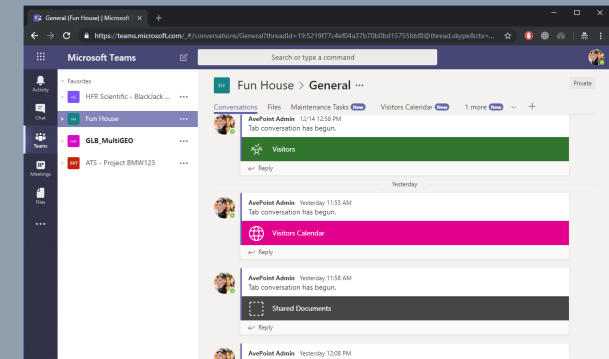


- Pre-set Channels and Tab recommendations are great for helping contextualize Teams for business users, but these only get you so far as a "template".
- The AvePoint approach accounts for the Operational Governance and lifecycle to ensure "templates" are not ONLY provisioned correctly (and compliant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



No external sharing

EXPIRATION/RETENTION

6 Months

after last accessed

WHO CAN CREATE

All requests through Central IT

RECERTIFY MEMBERS

after
3 Months

A hand is shown reaching out towards a futuristic digital interface. The interface features a large, glowing number '4' in the center. Surrounding the number are various icons, including a folder, a document, a person, a checkmark, and a question mark. The background is dark with teal and blue accents, suggesting a high-tech or cyber environment.

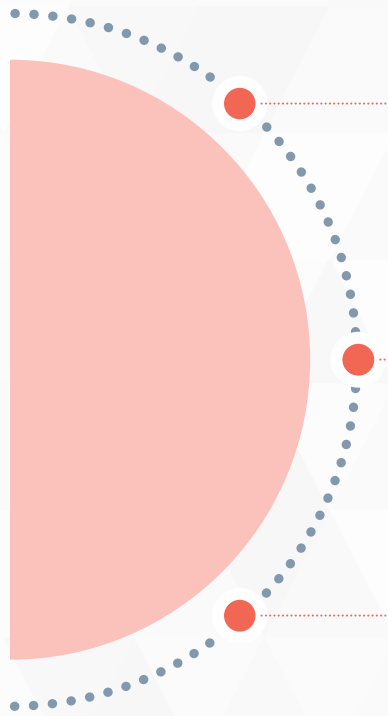
4

**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



Defining policy

1 Add Tag Add a static tag in the SharePoint and the tag name is Security Classification tag value is Confidential;... [Configure](#) ✕

[Else](#)

4 Rule4 Restricted Documents ✕

If the following conditions are met:

☐ All of the files ☒ Specify conditions

If [All](#) of these conditions are [True](#) [Add Condition](#) [Add Group](#) ✕

[Summary Result](#) [Equals](#) [Restricted](#) ✕

Order	Actions	Details	Add an Action
1	Add Tag	Add a static tag in the SharePoint and the tag name is Security Classification tag value is Restricted; T...	Configure ✕
1	Move	Relative or full path of the library or folder: http://contoso/MSFT/Restricted/Forms/AllItems.aspx; If th...	Configure ✕

[Else](#)

5 Rule5 Private ✕

If the following conditions are met:

☐ All of the files ☒ Specify conditions

If [All](#) of these conditions are [True](#) [Add Condition](#) [Add Group](#) ✕

[Summary Result](#) [Equals](#) [Private](#) ✕

Order	Actions	Details	Add an Action
1	Add Tag	Add a static tag in the SharePoint and the tag name is Security Classification tag value is Private; Tag...	Configure ✕

Activate Windows
Go to Action Center to activate Windows.



Uploading files

The screenshot illustrates the process of uploading files to a SharePoint site. It features three overlapping windows:

- Documents Library View:** The top-left window shows the 'Documents' library for the 'MSFT' site. It includes a sidebar with navigation links (Home, Documents, Recent, Restricted, Site Contents) and a main area with a '+ new document or drag files here' prompt and a search bar.
- Restricted Site View:** The top-right window shows the 'Restricted' site, which has a similar layout to the 'Documents' view.
- File Explorer Window:** The bottom window, titled 'Upload Documents Today', displays a list of files ready for upload. The file list is as follows:

Name	Date modified	Type	Size
Company Yearly Report	8/1/2013 8:38 PM	Microsoft Word D...	12 KB
Invitation for Party	8/1/2013 8:38 PM	Microsoft Word D...	12 KB
My Tax Return	8/20/2013 9:15 PM	Microsoft Word D...	12 KB
NDA for Contoso	8/1/2013 8:37 PM	Microsoft Word D...	12 KB
Payroll and bonus packages	8/1/2013 8:39 PM	Microsoft Word D...	12 KB

The File Explorer window also shows a sidebar with 'Favorites' (Desktop, Downloads, Recent places) and 'Libraries' (Documents, Music, Pictures, Videos). At the bottom, it lists 'Computer' drives: Local Disk (C:) and DVD Drive (D:) 15.0.4. An 'Activate Windows' watermark is visible in the bottom right corner of the File Explorer window.



Violation identified

The screenshot shows a SharePoint interface for a document library named 'Documents'. The top navigation bar includes 'SharePoint', 'Newsfeed', and 'OneDrive'. Below this, there are tabs for 'BROWSE', 'FILES', and 'LIBRARY'. The left sidebar contains navigation links: 'Home', 'Documents' (selected), 'Recent', 'Restricted', 'Site Contents', and 'EDIT LINKS'. The main content area shows a message 'Upload completed (4 added, 1 failed)' and a search bar. A table lists the documents:

✓	File Icon	Name	Modified	Modified By	Security Classification
		Company Yearly Report	... A few seconds ago	<input type="checkbox"/> SP Admin	Top Secret
		Invitation for Party	... A few seconds ago	<input type="checkbox"/> SP Admin	Public
		My Tax Return	... A few seconds ago	<input type="checkbox"/> SP Admin	Private
		NDA for Contoso	... A few seconds ago	<input type="checkbox"/> SP Admin	Confidential
		Payroll and bonus packages			

Below the table, a red banner contains the following text: **Payroll and bonus packages** The action was applied to this file because it contains sensitive content. Please contact the administrator for details.



Classification & Compliance Enforced

The image displays two screenshots of a SharePoint interface, illustrating document classification and compliance enforcement. The left screenshot shows the 'Documents' library, and the right screenshot shows the 'Restricted' library. Both libraries have a table of documents with columns for Name, Modified, Modified By, and Security Classification. The 'Security Classification' column is highlighted in yellow in both screenshots, and a red box is drawn around it in the left screenshot. The 'Restricted' library also has a search bar and a 'Find a file' input field.

Documents Library Table:

Name	Modified	Modified By	Security Classification
Company Yearly Report	About a minute ago	SP Admin	Top Secret
Invitation for Party	About a minute ago	SP Admin	Public
My Tax Return	About a minute ago	SP Admin	Private
NDA for Contoso	About a minute ago	SP Admin	Confidential

Restricted Library Table:

Name	Modified	Modified By	Security Classification
Payroll and bonus packages	About a minute ago	SP Admin	Restricted





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

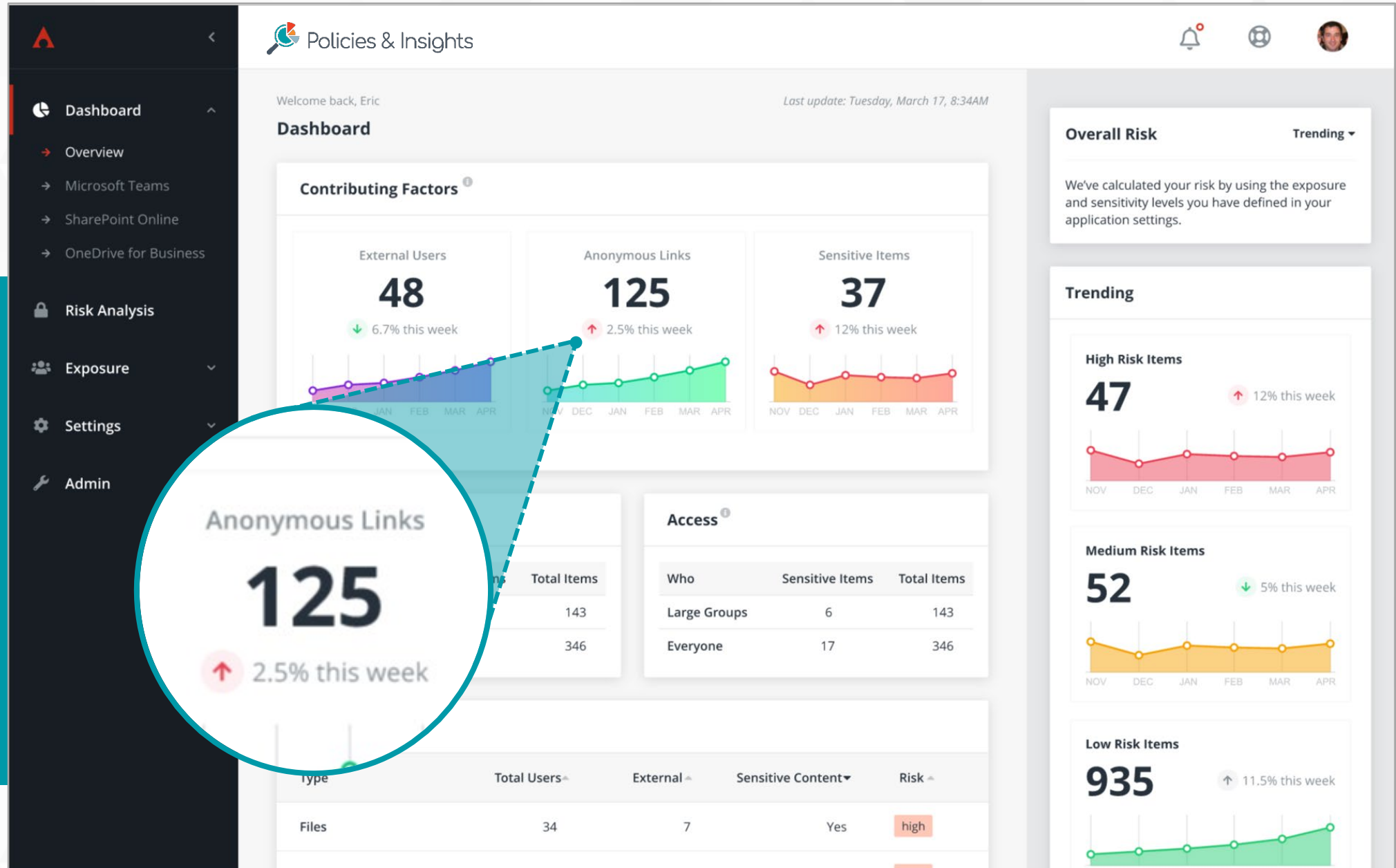
- *Tell me about the stuff that lives in here...*
- *Is it sensitive?*
- *Is it important?*



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



Q+A



Learn How Your Peers Made Shift Happen!



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



thank you

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in



 AvePoint®

Gracias

ευχαριστώ

Danke

Grazie

благодаря

Hvala

Obrigado

Kiitos

شكراً

Tak

Ahsante

Teşekkürler

متشکرم

Salamat Po

감사합니다

Cám ơn

شکریہ

Terima Kasih

Dank u Wel

Děkuji

நன்றி

Köszönöm

ありがとう
ございます

ໝາຍຈຸດນັບ

Dziękuję

谢谢

Tack

Mulțumesc

спасибо

Merci

תודה

多謝晒

дядкую

Ďakujem

धन्यवाद

Let's Connect!



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