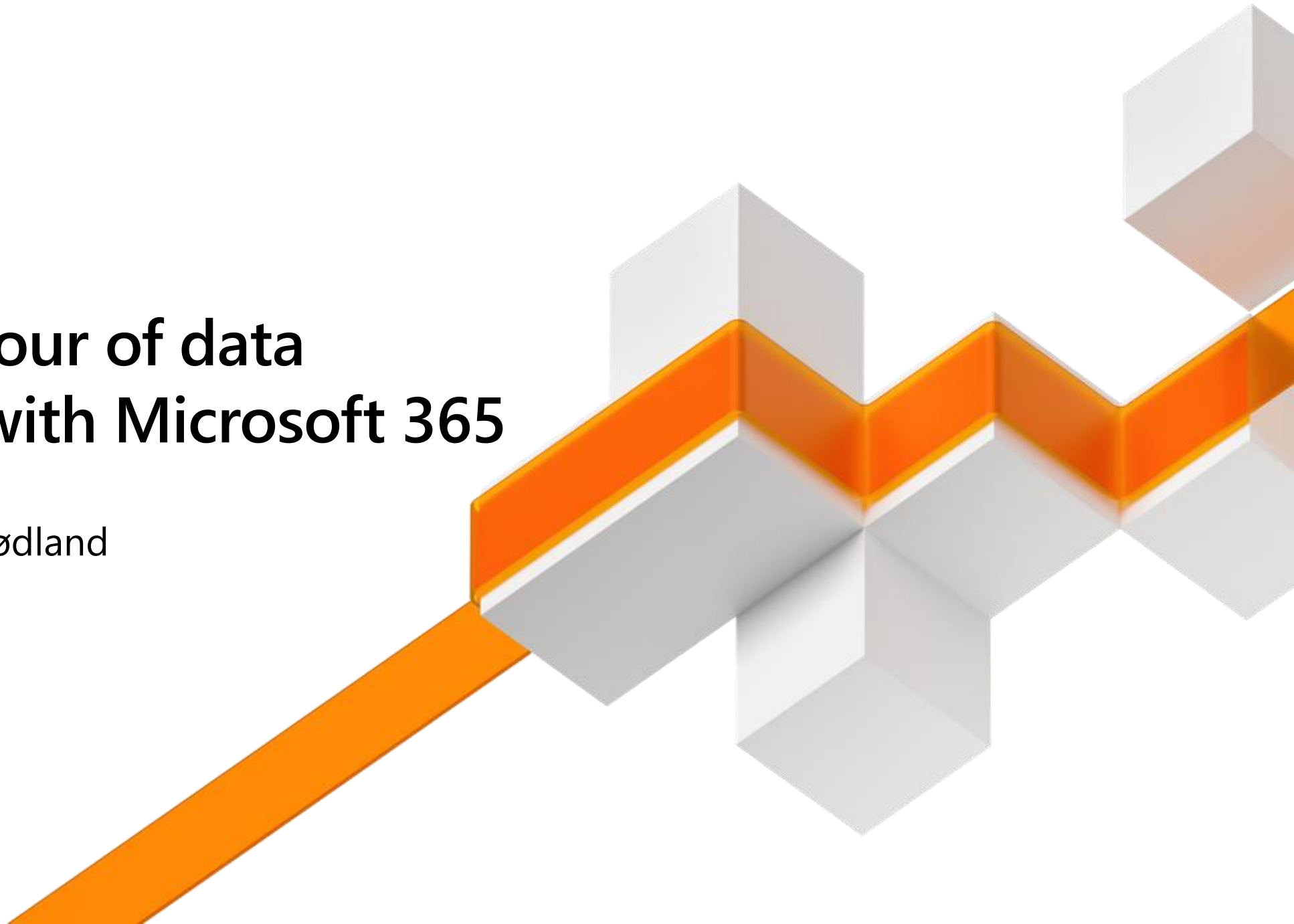# Microsoft

Microsoft Ignite
The Tour

The grand tour of data protection with Microsoft 365

Alexander Solaat Rødland
Senior Consultant

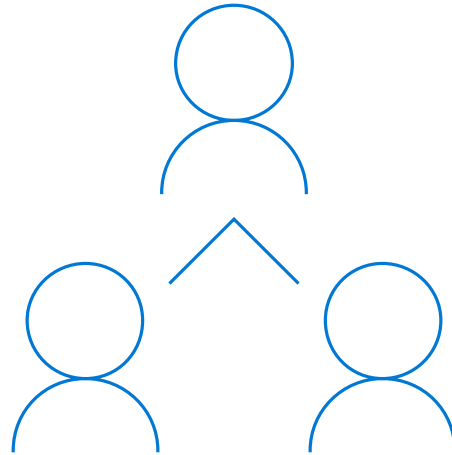# So, do I need Information Protection?

· Hopefully not, but

What is data protection?

Manage BitLocker
Control panel

- Encryption?

Sharing is not caring?

Access control?

ons. 17.01.2018 22:25

@microsoft.com>

<mark>Azure Information Protection</mark> & Identity Driven Security

To ✅ Alexander Solaat Rødland

You can use the following link to download the ▮▮▮▮▮ and ▮▮▮▮▮▮▮▮▮▮ for future use. The content is available for **2 weeks** after which it will be removed from the uploaded location.

Note:

- Login to the above URL (preferably in InPrivate browsing mode in Internet Explorer) and sign in with the email address and password mentioned above. Once you log into the workspace, you can download the existing files from the workspace.
- <mark>Please download ONLY the files which have been uploaded by a Microsoft representative (with an @microsoft.com email address). Do not download files which are uploaded by any other users with a non-Microsoft email address.</mark>

Thank you! Hope you have a great day ahead.

Regards,

Helping partners build and grow their cloud practices faster through partner-centric resources

▮▮ Microsoft

Enterprise-class technology

Identity & access management

Secure identities to reach zero trust

Threat protection

Help stop damaging attacks with integrated and automated security

Information protection

Locate and classify information anywhere it lives

Security management

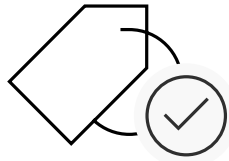Strengthen your security posture with insights and guidance

Infrastructure security

Azure Information Protection - AIP

Monitor

Track & revoke
document access

Classify

Classify and label data
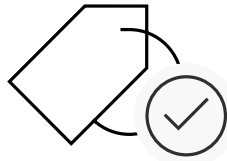based on sensitivity

Protect

Apply protection actions,
including encryption,
access restrictions

Microsoft Information Protection - MIP
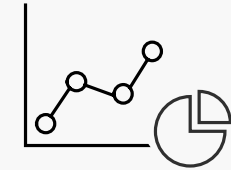
Discover

Scan & detect sensitive data based on policy

Classify

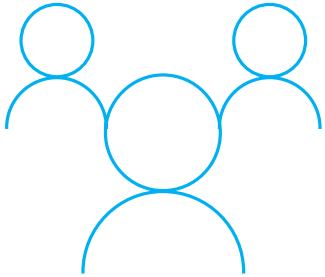Classify and label data based on sensitivity

Protect

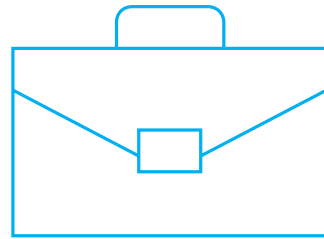Apply protection actions, including encryption, access restrictions
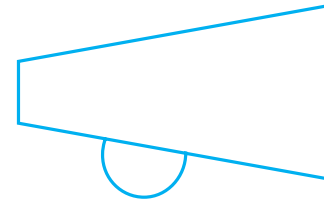
Monitor

User track & revoke + Admin monitor

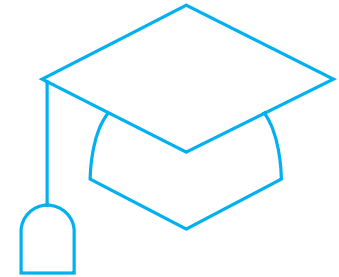# Main focus areas in adoption
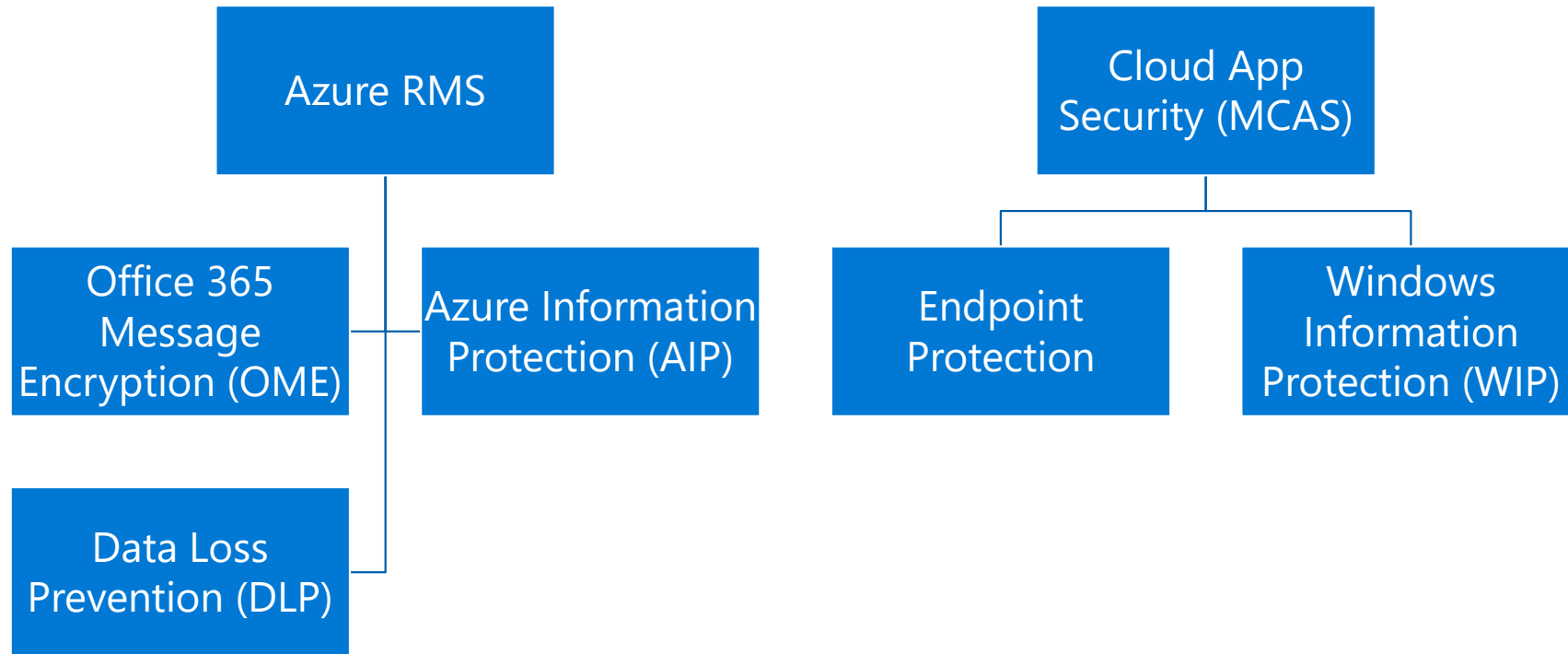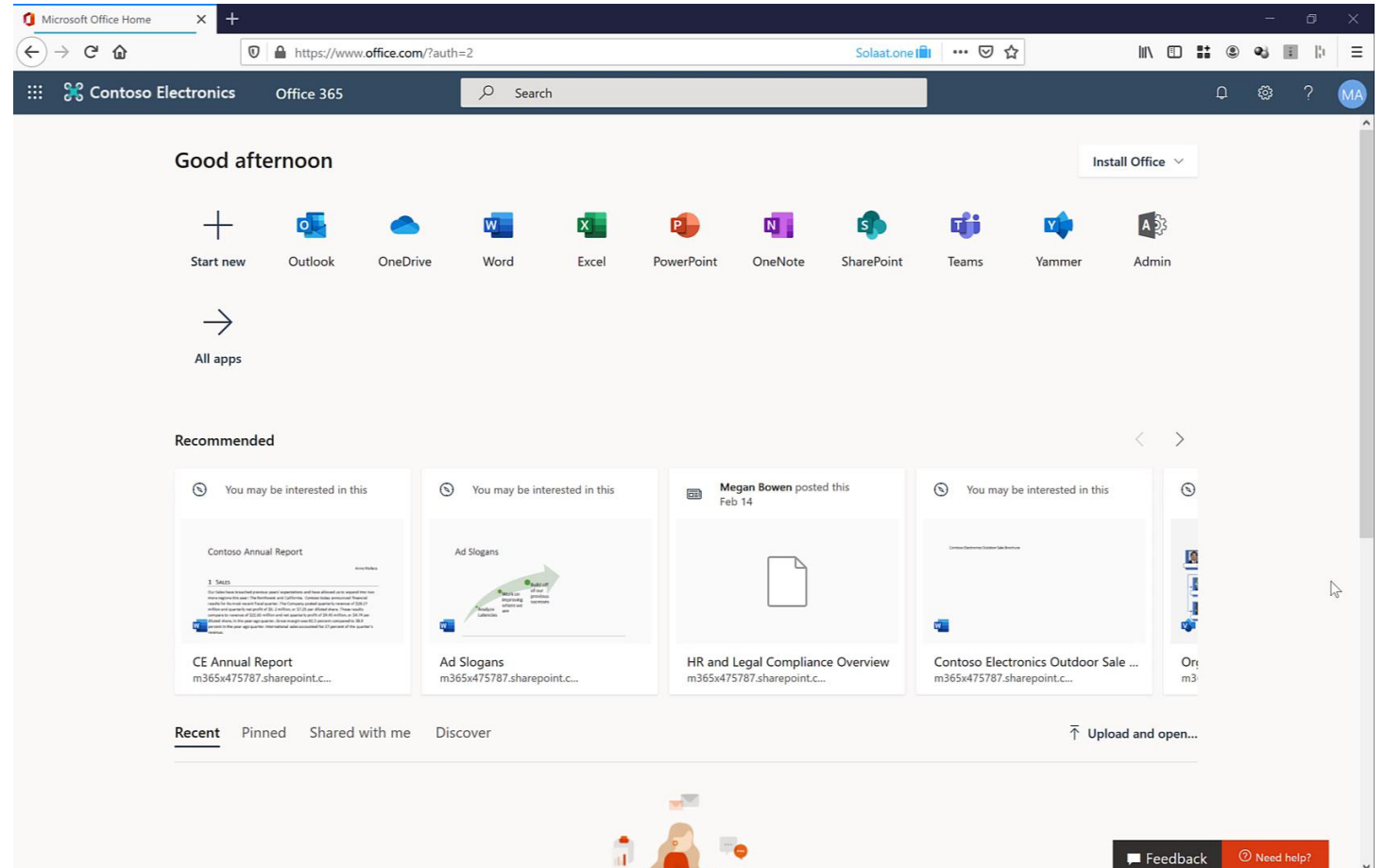
Power users /
champions

Scenarios

Awareness &
campaigns

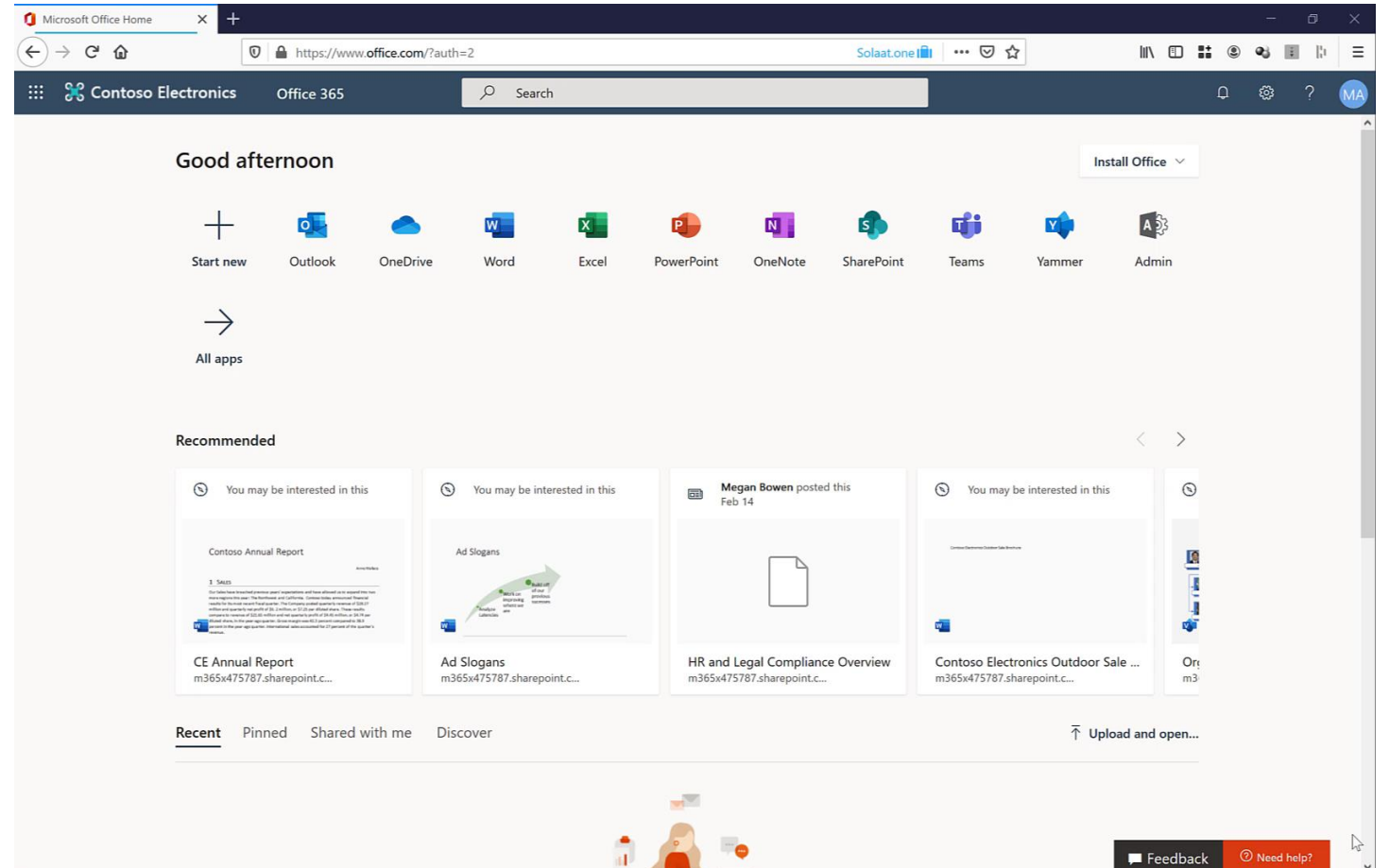Train the end user
Ready the help desk

(A kind of) overview

Let's try

Information Types

Let's try

AIP

So, do I need AIP?

Let's try

Session Control

So, do I need session control?

Let's try

Data Loss Prevention

So, do I need DLP?

Challenges

- Lack of planning and informing
- Lack of follow-up
- Don't make them think
- The slippery-slope effect
  - Once it's out...

Comprehensive set of capabilities

AZURE INFORMATION PROTECTION

Classify, label & protect files – beyond Office 365, including on-premises & hybrid

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 and protect PDFs on Adobe Acrobat Reader
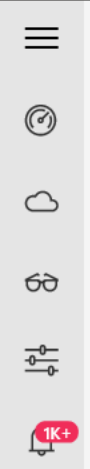
Labels sensitive financial information with "Confidential-Finance" label

Policy severity

Medium ▾

Category

DLP ▾

Create a filter for the files this policy will act on

👁 Edit and preview results

FILES MATCHING ALL OF THE FOLLOWING

✕   App ▾   equals ▾   21 selected ▾

✕   File type ▾   equals ▾   7 selected ▾

➕

Apply to:

all files ▾

Apply to:

all file owners ▾

Inspection method

Data Classification Service ▾
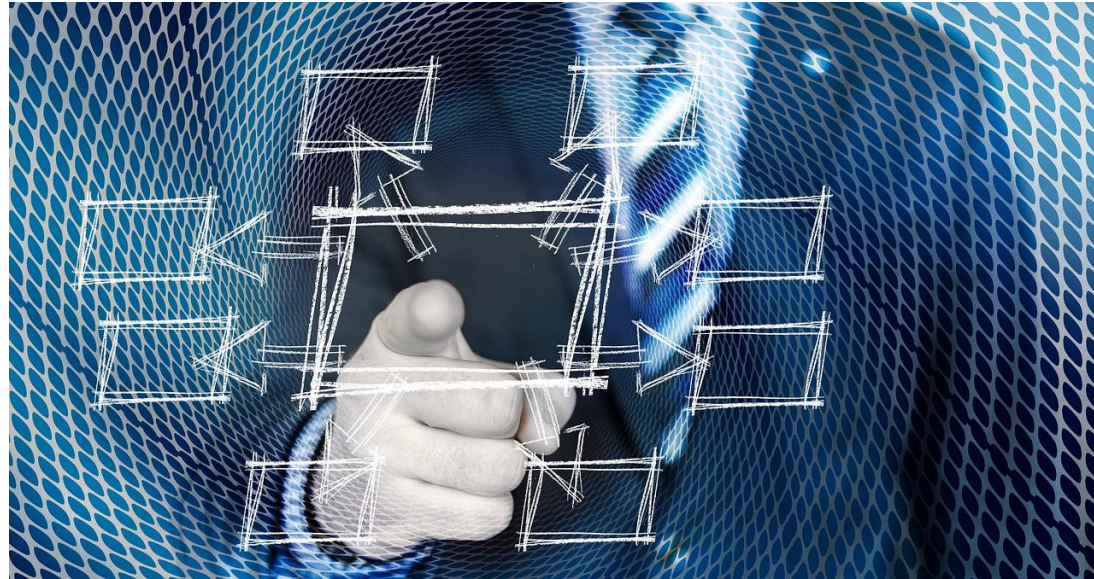
Match if   Any ▾   of the following occur:

Choose inspection type... ▾

☐ Inspect protected files ⓘ

☐ Unmask the last 4 characters of a match ⓘ

Know your information flow. Who talks to who, and what information do they exchange?
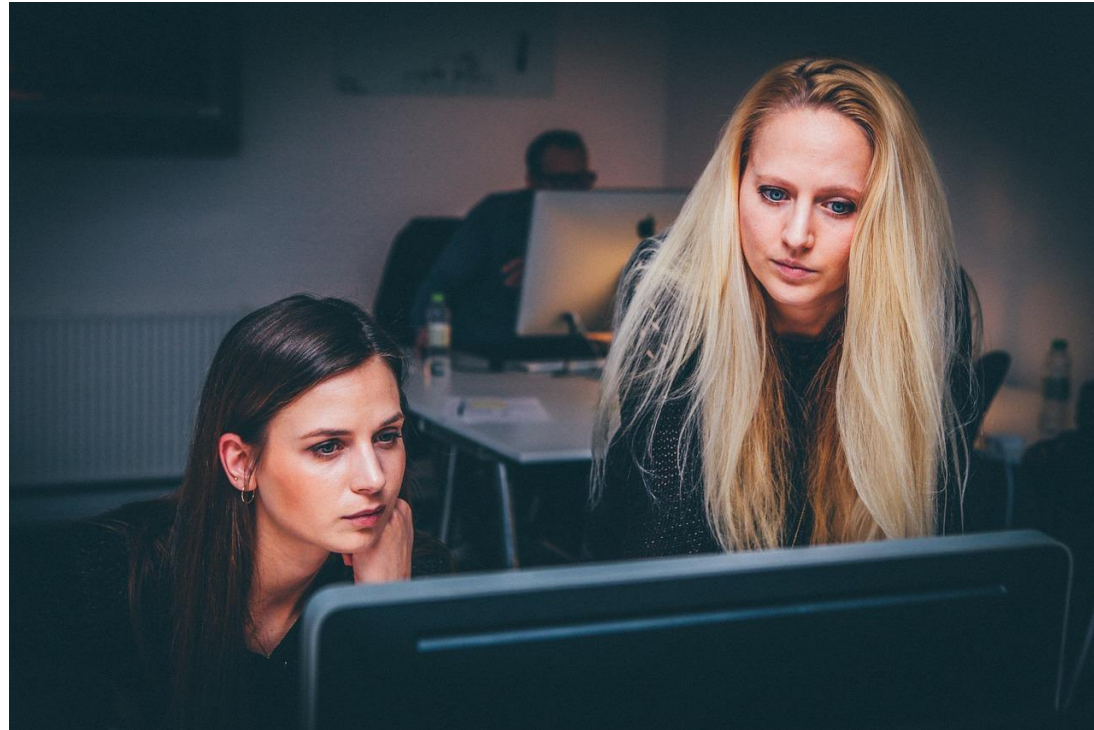
2

Avoid frustrated users. Start small and do not try to implement everything at once.

3

Have a dedicated pilot group with users from different departments.

Training is vital.

5

Know your customers and users.

Thank you

...And please remember the evals

Alexander Solaat Rødland
Senior Consultant
Innofactor

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