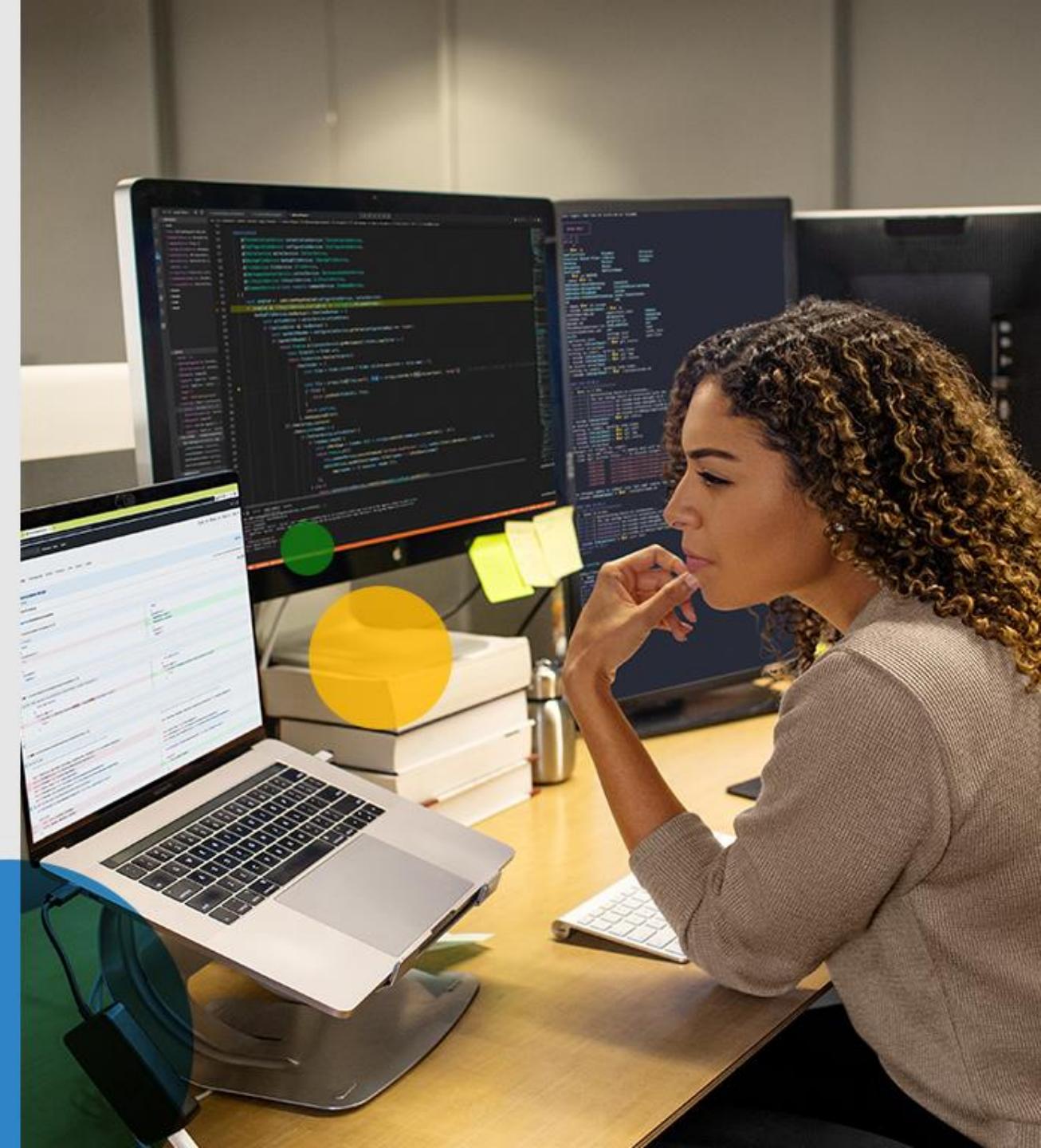


# **Security Tech Frontier Series:**

## Strengthening Security, Compliance and Identity Management

9 – 10 June 2021



# Agenda



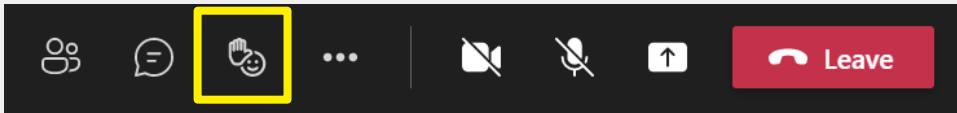
## Day 1: 9 June 2021

Time (GMT +8)	Topic	Speaker
09:00am - 10:00am	Security Hour: Threat Hunting and SimuLand	Ashish Kumar
10:00am - 10:10am	<i>Break</i>	
10:10am - 11:10am	Identity Hour: Verifiable Credentials	Phil Whipps Matthijs Hoekstra
11:10am - 11:20am	<i>Break</i>	
11:20am - 12:20pm	Compliance Hour: Insider risks in today every digitized world - engineering update	Sravan Mera Sankalp Maraan Rohit Gupta

# Tips to optimize today's experience

## 1) Questions & Answers

If you have any questions, send it through here at any time or raise a hand. Our team will answer them as soon as possible.



## 2) Switch off your camera

To optimize the bandwidth, please switch off your video camera on Teams.



## 3) No recording

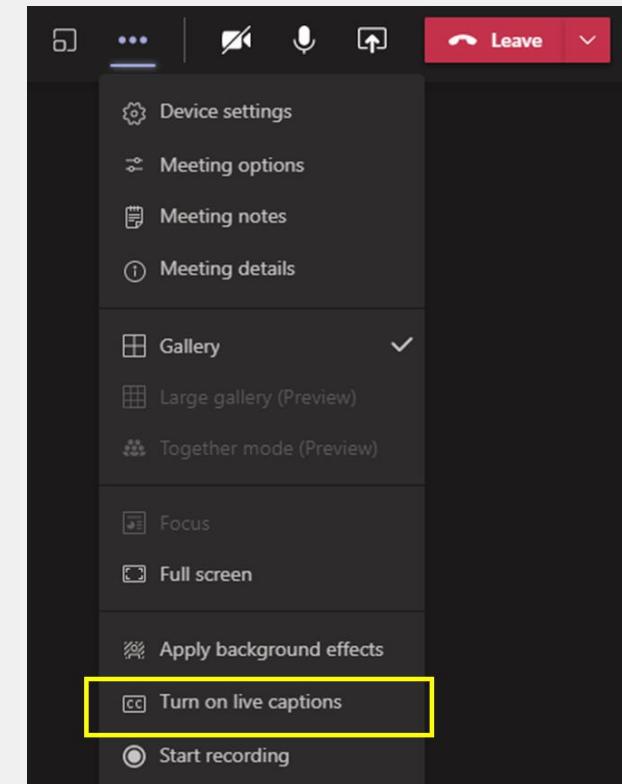
For privacy reasons, this session will not be recorded, and we will be putting everyone on mute. If you have a question or comment, please send it through the chat window.



## 4) Turn on live captioning

If you enable this on Teams, the live captions will appear at the bottom of the video.

Here's where to find the Live Captioning feature:

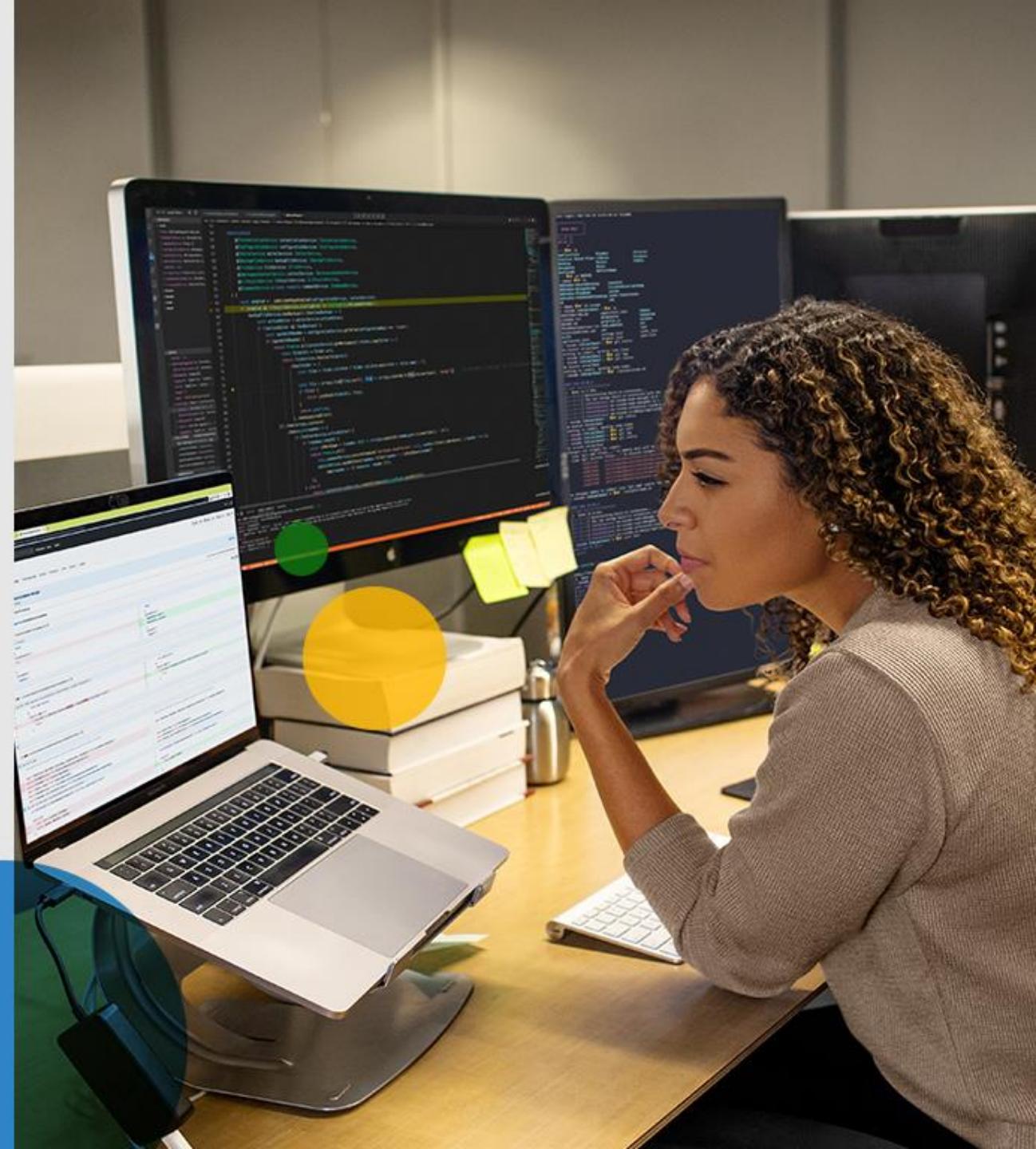




## **Security Tech Frontier Series**

### Security Hour: Threat Hunting and SimuLand

Ashish Kumar



# Threat Hunting & Cyberbattle Sim

Ashish K Adhikari  
Principal Program Manager, M365 S+C Engineering

# Agenda

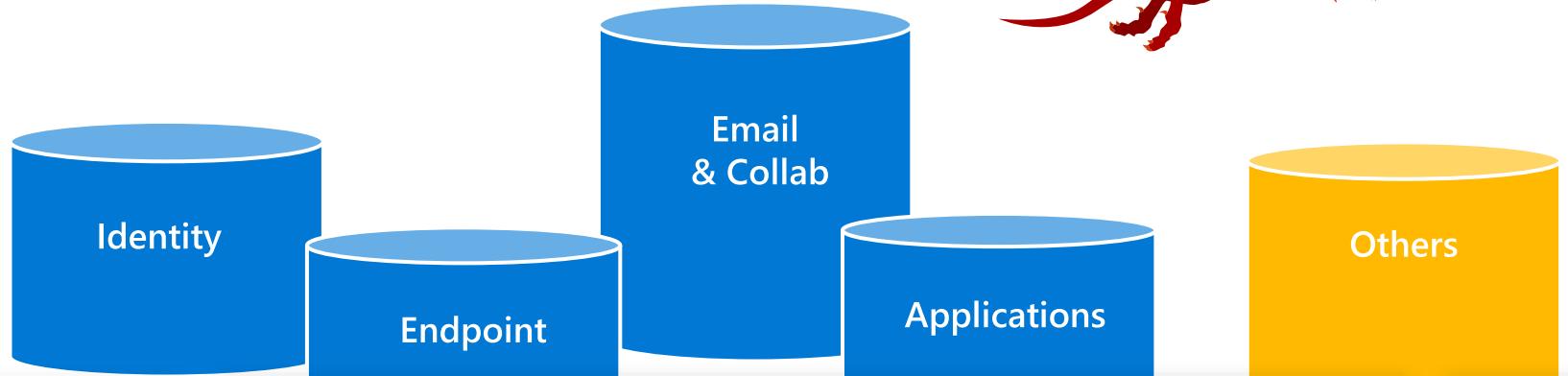
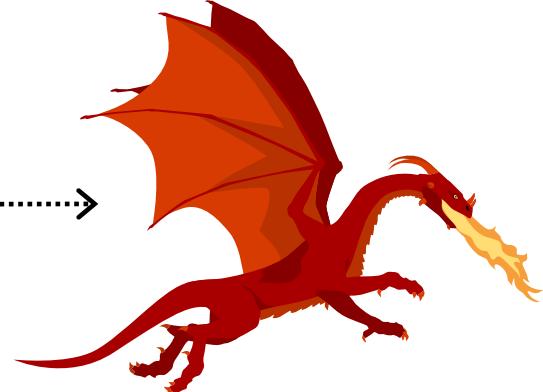
- Attacker win probability
- Threat Hunting – what does it means ?
  - MITRE framework
- Running Marathon – needs practice
  - Simuland
  - CyberBattle SIM

# Attacker Win probability

Defender Silos make chasing them difficult (even in single SIEM)



Attackers traverse rapidly across the enterprise



## MAPPING CHALLENGES

Tools Pivot on Different Attributes

- Network IP address
- Computer Name
- Documents
- Device ID
- Email
- Etc.

## DIFFERENT ALERTING APPROACHES

Identity ← → Endpoint

Reports only quality alerts Vendors

Endpoint

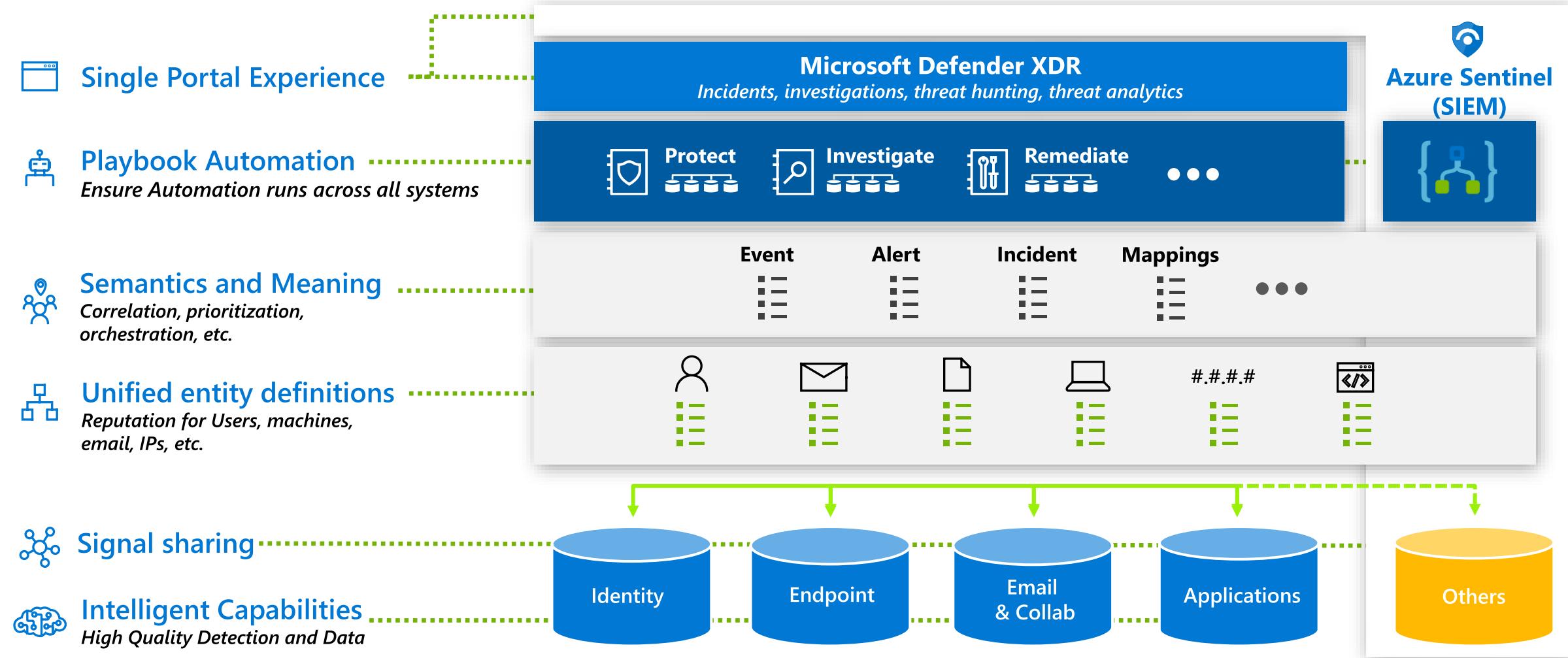
Verbose/ Detailed alert reporting

• • •

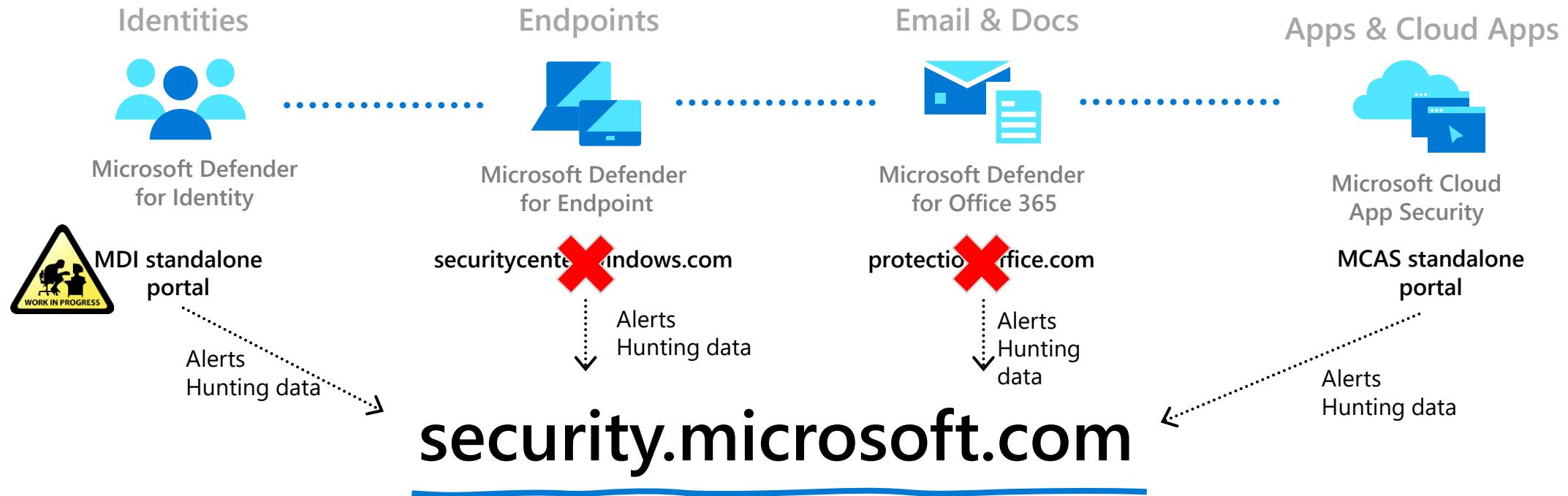
Silos must be integrated to provide high quality alerts and correlation

# Converging Tools & Data

Engineering a single seamless system with automation



# The unified Microsoft 365 Defender portal: A journey from multiple to a single portal



# Journey to Converged portal

Unified  
Pages

## New Unified Experiences:

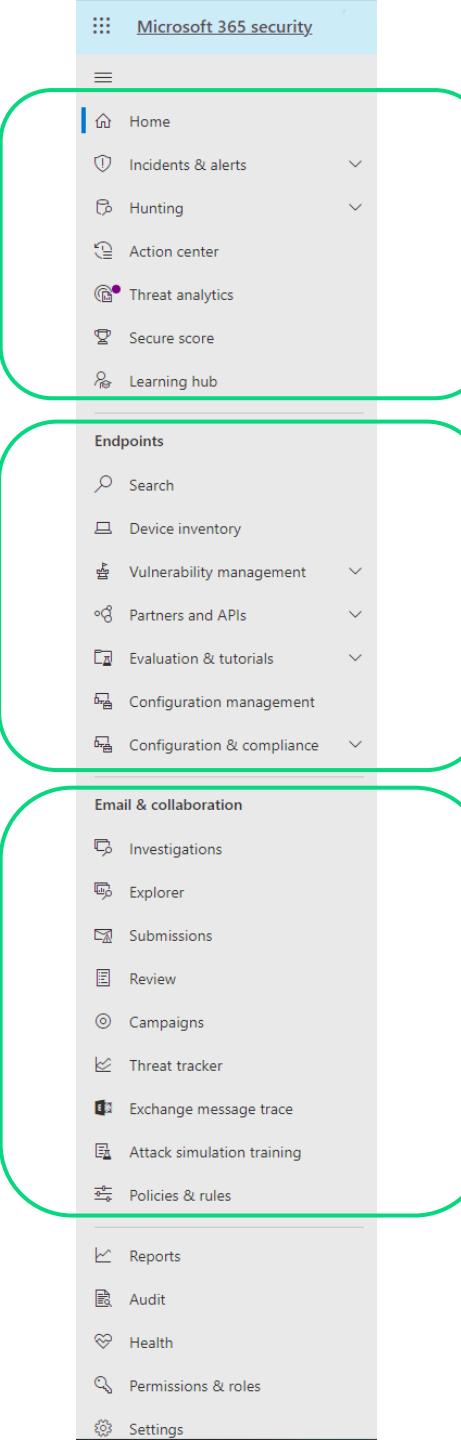
- Unified alerts queue
- Unified alerts page
- Email entity page
- Hunting

## Not changed:

- Investigations (queue)
- Explorer
- Submissions
- Review
- Campaigns
- Policies

## Aggregated:

- Reports
- Settings



# Unified Security Portal

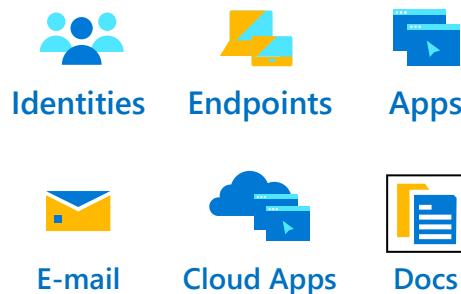
<https://security.microsoft.com/>

# Microsoft Defender

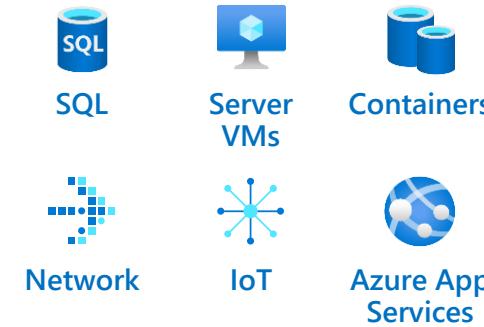
XDR

Cross-domain protection

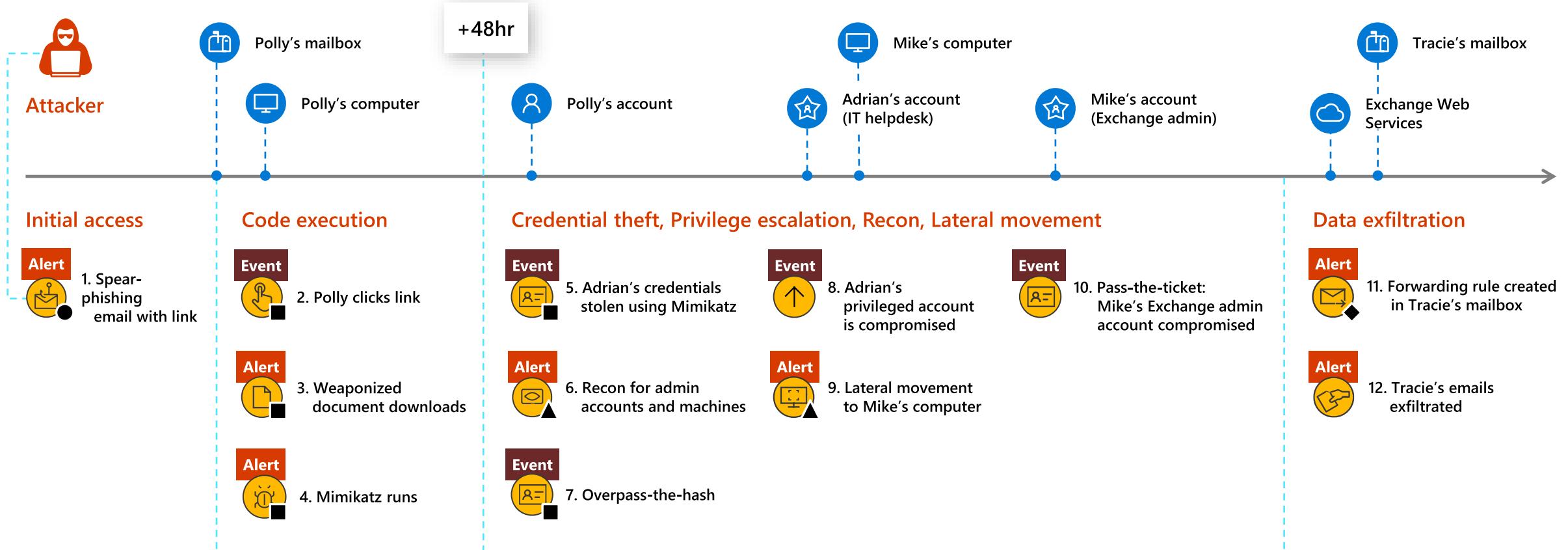
## Microsoft 365 Defender



## Azure Defender



# Why is it challenging



MSDO



MSDE

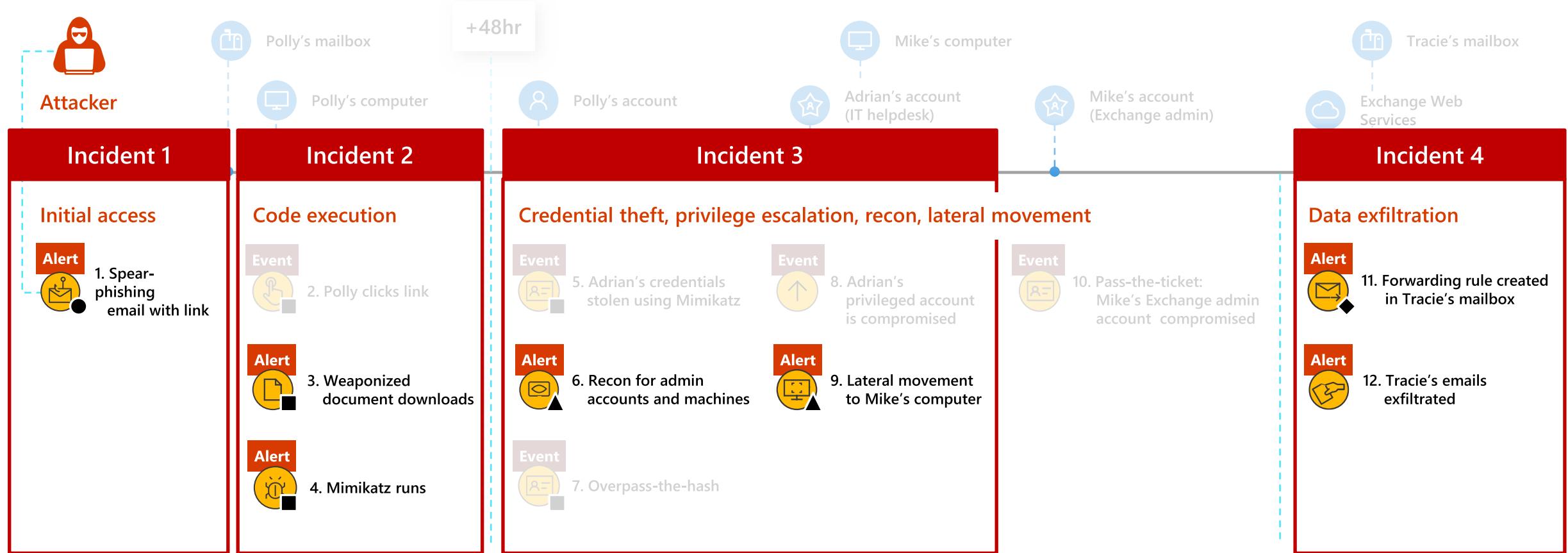


MSDI

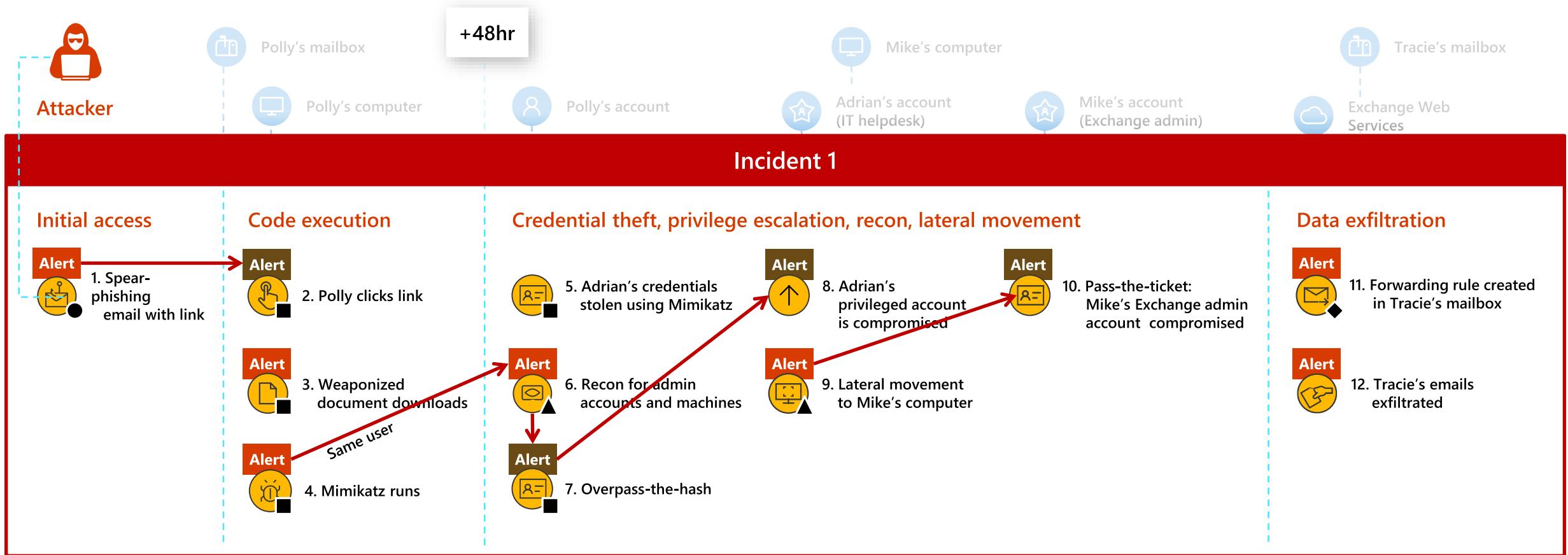


MCAS

# Why is it challenging – generic tools logic



# Microsoft Defender XDR Approach – with proper logic



# Case study: MITRE APT29

## Wide and complex attack across the kill chain

APT29 Evaluation Scope x +

selection controls | layer controls | technique controls

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command And Control	Exfiltration	Impact
11 items	27 items	42 items	21 items	57 items	16 items	22 items	15 items	13 items	21 items	9 items	14 items
Drive-by Compromise	CMSTP	Accessibility Features	Access Token Manipulation	Access Token Manipulation	Account Manipulation	Account Discovery	Application Deployment Software	Audio Capture	Commonly Used Port	Automated Exfiltration	Data Destruction
Exploit Public-Facing Application	Command-Line Interface	Account Manipulation	Accessibility Features	Binary Padding	Brute Force	Application Window Discovery	Distributed Component Object Model	Automated Collection	Communication Through Removable Media	Data Compressed	Data Encrypted for Impact
External Remote Services	Compiled HTML File	AppCert DLLs	AppCert DLLs	BITS Jobs	Credential Dumping	Browser Bookmark Discovery	Domain Trust Discovery	Clipboard Data	Connection Proxy	Data Encrypted	Defacement
Hardware Additions	Dynamic Data Exchange	Application Shimming	AppInit DLLs	AppInit DLLs	Credentials in Files	File and Directory Discovery	Exploitation of Remote Services	Data from Information Repositories	Custom Command and Control Protocol	Data Transfer Size Limits	Disk Content Wipe
Replication Through Removable Media	Execution through API	Authentication Package	Application Shimming	CMSTP	Credentials in Registry	File and Directory Discovery	Network Service Scanning	Logon Scripts	Custom Cryptographic Protocol	Disk Structure Wipe	Endpoint Denial of Service
Spearphishing Attachment	Execution through Module Load	BITS Jobs	Bypass User Account Control	Code Signing	Exploitation for Credential Access	Network Share Discovery	Network Sniffing	Data from Local System	Data Encoding	Efiltration Over Alternative Protocol	Firmware Corruption
Spearphishing Link	Exploitation for Client Execution	Bootkit	DLL Search Order Hijacking	Compile After Delivery	Forced Authentication	Pass the Hash	Pass the Ticket	Data from Network Shared Drive	Data Obfuscation	Efiltration Over Command and Control Channel	Inhibit System Recovery
Spearphishing via Service	Graphical User Interface	Browser Extensions	Component Firmware	Component Object Model Hijacking	Hooking	Password Policy Discovery	Remote Desktop Protocol	Data from Removable Media	Domain Fronting	Exfiltration Over Other Network Medium	Network Denial of Service
Supply Chain Compromise	InstallUtil	Component Firmware	Change Default File Association	Component Object Model Hijacking	Input Capture	Peripheral Device Discovery	Process Discovery	Data Staged	Domain Generation Algorithms	Exfiltration Over Physical Medium	Resource Hijacking
Trusted Relationship	LSASS Driver	Component Object Model Hijacking	Extra Window Memory Injection	Control Panel Items	Kerberoasting	Query Registry	Remote Services	Email Collection	Fallback Channels	Multi-hop Proxy	Runtime Data Manipulation
Valid Accounts	Mshta	Create Account	File System Permissions Weakness	DCShadow	LLMNR/NBT-NS Poisoning and Relay	Remote System Discovery	Replication Through Removable Media	Input Capture	Multi-stage Channels	Scheduled Transfer	Scheduled Transfer
	PowerShell			Deobfuscate/Decode Files or Information	Network Sniffing	Security Software Discovery	Remote Services	Man in the Browser	Multi-band Communication		
	Regsvcs/Regasm	DLL Search Order Hijacking	Hooking	Disabling Security Tools	Password Filter DLL	System Information Discovery	Taint Shared Content	Screen Capture	Service Stop		
	Regsvr32	External Remote Services	Image File Execution Options Injection	DLL Search Order Hijacking	Private Keys	System Network Configuration Discovery	Third-party Software	Video Capture	Stored Data Manipulation		
	Rundll32	File System Permissions Weakness	New Service	DLL Side-Loading	Two-Factor Authentication Interception	System Network Connections Discovery	Windows Admin Shares	Windows Admin Shares	Multilayer Encryption		
	Scheduled Task	Hidden Files and Directories	Path Interception	Execution Guardrails		System Service Discovery	Windows Remote Management	Windows Remote Management	Remote Access Tools		
	Scripting	Process Injection	Port Monitors	Exploitation for Defense Evasion		System Time Discovery		Windows Remote Management	Remote File Copy		
	Service Execution		Process Injection	Extra Window Memory Injection		Virtualization/Sandbox Evasion			Standard Application Layer Protocol		
	Signed Binary Proxy Execution	Hooking	Scheduled Task	File Deletion					Standard Cryptographic Protocol		
	Signed Script Proxy Execution	Hypervisor	Service Registry Permissions Weakness	File Permissions Modification					Standard Non-Application Layer Protocol		
	Third-party Software	Image File Execution Options Injection	SID-History Injection	File System Logical Offsets					Uncommonly Used Port		
	Trusted Developer Utilities	Logon Scripts	Valid Accounts	Group Policy Modification					Web Service		
	User Execution	LSASS Driver	Web Shell	Hidden Files and Directories							
	Windows Management Instrumentation	Modify Existing Service		Image File Execution Options Injection							
		Netsh Helper DLL		Indicator Blocking							
		New Service		Indicator Removal from Tools							

MITRE

- Microsoft Threat Experts

# Microsoft Threat Experts

Microsoft brings deep knowledge  
and proactive threat hunting to your  
Security Operations Center

Threat monitoring and analysis

Hunter-trained artificial intelligence

Proactive Notification service

Full context of breach

Experts on demand



# Microsoft Threat Experts



## Targeted attack notifications

Threat experts provide special insights and analysis that help ensure that the most critical threats are identified and responded to quickly and accurately.

## Experts on demand

Threat experts from Microsoft provide technical consultation on relevant detections and adversaries.



## Microsoft Threat Experts

Microsoft brings deep knowledge and proactive hunting to the Security Operations Center

### THREAT MONITORING AND ANALYSIS

Reduce attacker dwell time and risk to business



### HUNTER-TRAINED ARTIFICIAL INTELLIGENCE

Discover and prioritize attacks both known and unknown



### PROACTIVE NOTIFICATION SERVICE

Expert hunters look deeper to expose human adversaries and advanced threats



### FULL CONTEXT OF BREACH

Improve SOC response with specific info about scope and methods of entry



### EXPERTS ON DEMAND

Partner with world-class security experts to better understand threats and alerts



## Alerts > Detection of activity linked to adversary with s...

**Microsoft Threat Experts** | **BARIUM** | Detection of activity linked to adversary with supply chain attacks  
This alert is part of incident (4)

Severity: High  
Category: Execution  
Detection source: Microsoft Threat Experts

**Actions** ▾

Automated investigation is not applicable to alert type

### Alert context

barbaram-pc  
mtpdemos\barbara.moreland

First activity: 10.28.2019 | 23:02:28  
Last activity: 10.28.2019 | 23:03:13

### Description

#### Executive summary

This alert provides additional context for an alert you have received, '[Pynamer](#) malware was detected'. We observed suspicious activity within your organization from a file, confirmed to be a true-positive antivirus signature associated with a documented Supply Chain attack. The command-and-control servers associated with the original attack have already been taken down and are no longer active, you can read more about the associated action [here](#). While it is unlikely that the second stage of this payload for the original attack was received, this attack highlights the importance of limiting users from having local administrator privileges, which can be a target for attackers targeting domain credentials with malicious binaries.

#### Timeline of observed events

Date/Time	Notes
2019-10-28T20:46:58.702Z	Install (2).exe executes, causing approximately 200 files to be installed, including InstallConfig.exe
2019-10-28T21:19:51.768Z	InstallLauncher.exe performs a connection out to a command-and-control server
2019-10-28T21:19:52.563Z	Network connection to IP address 131.107.147.82

#### Impacted machines

Machine Id	Notes
c5fab76bb18b987a79bf53965aa39d18ff0ae185	Impacted machine 1

### Microsoft Threat Experts - Trial

Your Experts on Demand trial version expires in 84 days from your Microsoft Threat Experts enrolment. Contact your Microsoft representative to get a full subscription.

Learn more about [Microsoft Threat Experts – Experts on Demand](#)



### Consult a threat expert

Get Microsoft Threat Experts advice and insights about suspicious activities in your organization.

Ensure that the portal page for the alert or machine in question is in view while providing information for this inquiry.

Note: This and other relevant information will be shared with Microsoft Threat Experts to enable the best response to your inquiry.

#### Inquiry topic \*

[https://securitycenter.windows.com/alert/da637081759681505242\\_958338753](https://securitycenter.windows.com/alert/da637081759681505242_958338753)

Can you help me understand if I still have this threat in my environment and why I may have been targeted by this adversary?

#### Indicators of Compromise

IOC

Install (2).exe [\[explore\]](#)

InstallConfig.exe [\[explore\]](#)

InstallLauncher.exe [\[explore\]](#)

881ba9b12040d4576b5e09de73e5eb33de2e [\[explore\]](#)

ab16cd1b09e5157791a568456a12659aae92e [\[explore\]](#)

131.107.147.82 [\[explore\]](#)

#### Email \*

Enter the email address you'd like Microsoft Threat Experts to send their reply

secops@MTPDemos.net

**Submit**

[Privacy statement](#)



## What is SimuLand ?

- Open-source project which aims to help security teams reproduce known attack scenarios - and test just how good Microsoft's core security products are.
- Verify the effectiveness of related [Microsoft 365 Defender](#), [Azure Defender](#), and [Azure Sentinel](#) detections.



## FEATURES OF SIMULAND

- Understand the underlying behavior and functionality of adverse trading techniques.
- Identify attacker pathways and mitigations by documenting preconditions for each attacker action.
- Accelerate the design and deployment of threat research lab environments.
- Identify, document and share relevant data sources to model and detect adverse actions.
- Validate and tune detection capabilities.
- Replicate different types of environments (hybrid, cloud) and includes Azure Resource Manager (ARM) templates.
- The structure of the project is very simple and broken down in a modular way so that we can re-use and test a few combinations of attacker actions with different lab environment designs.
- Every simulation plan provided through this project is research-based and broken down into attacker actions mapped to the MITRE ATT&CK framework. The goal of the simulate and detect component is to also summarize the main steps used by a threat actor to accomplish a specific object and allow security researchers to get familiarized with the attacker behavior at a high level.



## CURRENT SCENARIOS

- Currently, the only lab environment available for deployment allows researchers to test and improve their defenses against Golden SAML attacks that allow threat actors to forge authentication to cloud apps.
  
- Currently there is only one lab released by Microsoft.



## FUTURE PLANS

**Future improvements to the project include:**

- **A data model to document the simulation steps in a more organized and standardized way.**
- **A CI/CD pipeline with Azure DevOps to deploy and maintain infrastructure.**
- **Automation of attack actions in the cloud via Azure Functions.**
- **Capabilities to export and share telemetry generated with the InfoSec community.**
- **Microsoft Defender evaluation labs integration.**

# Cyberbattle sim

An experimentation and research platform to investigate the interaction of automated agents in an abstract simulated network environments.

# What is it ?

- By open sourcing it we hope to encourage the research community to investigate how cyber-agents interact and evolve in such network environments.
- The simulation we provide is admittedly simplistic to avoid misuse.
- Focus is on building preventing AI technologies



Environment	Action space	Observation space	Reward
State = network	Local attack	Discovered nodes	Intrinsic node value
Single-agent	Remote attack	Owned nodes	(SQL server > test machine)
Partially observable	Authenticated connection	Discovered credentials	
Deterministic		Escalation levels	
Static		Available attacks	
Discrete			
Post-breach			

## How simulation works ?

Let us go through a toy example and introduce how simulation works using RL terminology.

Our network environment is given by a directed annotated graph where nodes represent computers and edges represent knowledge of other nodes or communication taking place between nodes.



There is a **single agent**: the attacker.

Initially, one node is infected (post-breach assumption)

Its **goal** is to maximize reward by discovering and 'owning' nodes in the network.

The environment is **partially observable**: the agent does not get to see all the nodes and edges of the network graph in advance.

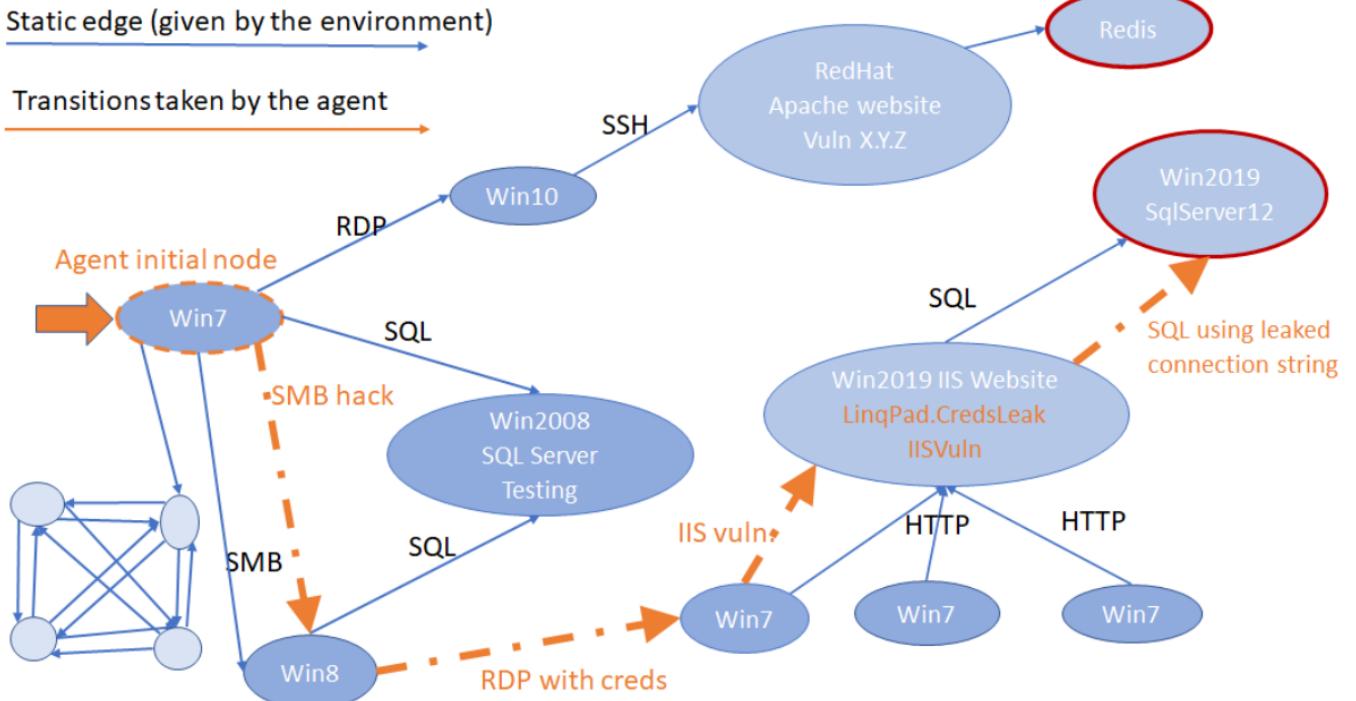
Instead the attacker takes actions to gradually observe the environment. There are **three kinds of actions** offering a mix of exploitation and exploration capabilities to the agent:

- Perform a local attack,
- Perform a remote attack,
- Connect to other nodes.

The **reward** is a float represents the intrinsic value of a node (e.g., a SQL server has greater value than a test machine).

The attacker breaches into the network from the Win7 node on the left pointed by the fat orange arrow,

- Then proceeds with a lateral move to the Win8 node by exploiting a vulnerability in SMB,
- Then uses some cached credential to log into a Win7 machine,
- Exploits an IIS remote vulnerability to own the IIS server,
- Leaked connection strings to get to the SQL DB.



# Vulnerability outcomes

- Each vulnerability has a pre-defined outcome which may include:
  - \* A leaked set of credentials
  - \* A leaked reference to another node in the network
  - \* Leaked information about a node
  - \* Ownership to a node
  - \* Privilege escalation on the node.
- Example of remote vulnerabilities include:
  - \*A SharePoint site exposing ssh credentials (but not necessarily the ID of the remote machine);
  - \*An ssh vulnerability granting access to the machine;
  - \*A github project leaking credentials in commit history;
  - \*A SharePoint site with file containing SAS token to storage account;
- Examples of *local* vulnerabilities:
  - \*Extracting authentication token or credentials from a system cache;
  - \*Escalating to SYSTEM privileges;
  - \*Escalating to Administrator privileges.

- Once we set up the CyberBattleSim. There are various activities for us to do. All of them are present in the Jupyter notebooks. They are →

- 'Capture The Flag' toy environment notebooks:
  - [Random agent](#)
  - [Interactive session for a human player](#)
  - [Interactive session - fully solved](#)
- Chain environment notebooks:
  - [Random agent](#)
- Other environments:
  - [Interactive session with a randomly generated environment](#)
  - [Random agent playing on randomly generated networks](#)
- Lets see the "Toy example" in capture the flag.

# Thanks for being part of our journey!



# Threat Hunting & Cyberbattle Sim

Ashish K Adhikari  
Principal Program Manager, M365 S+C Engineering





# We're having a short break.

Next session starts at 10.10am (GMT+8)

In the meantime, speakers will be answering questions in the chat window, so ask away!





## Security Tech Frontier Series

### Identity Hour: Verifiable Credentials

Phil Whipps  
Matthijs Hoekstra



# Azure AD Verifiable Credentials

- Verify once, use everywhere

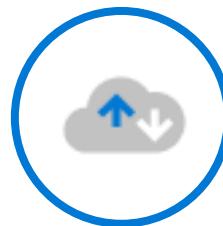
**92%**  
of organizations  
perform identity  
verification today



Onboarding for employees,  
contractors, customers



Access to high-value apps  
and resources



Self-service account  
recovery

# 82% of organizations wish there was a better way



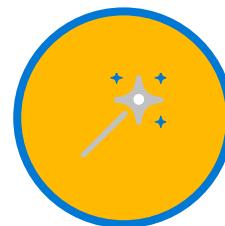
More protection against breaches  
Credentials verified by reliable parties  
Meeting regulatory requirements by default

**Safer**



No custom integration  
No need to store users PII  
No wait times for id verification

**Faster**

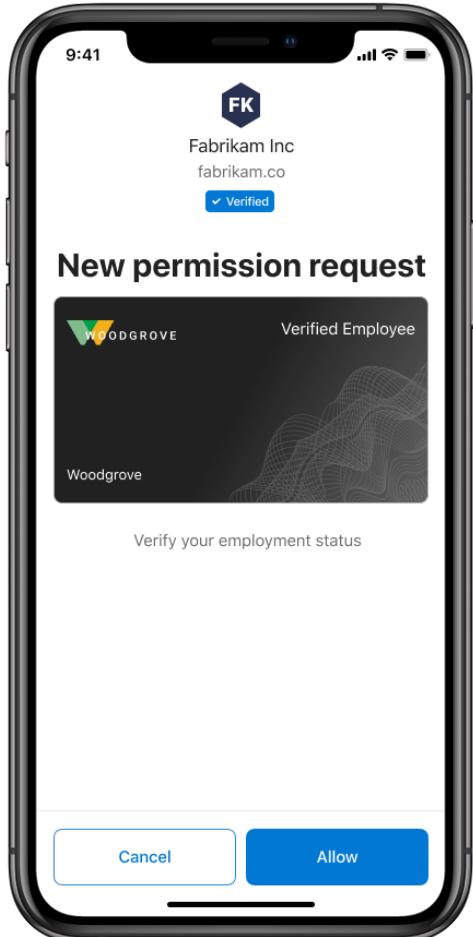
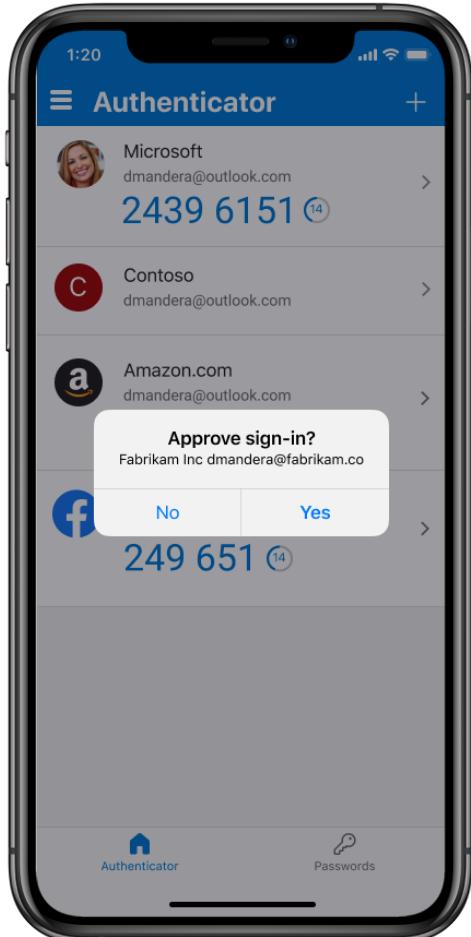


Lower cost  
As easy using digital cards  
Verify once, use everywhere

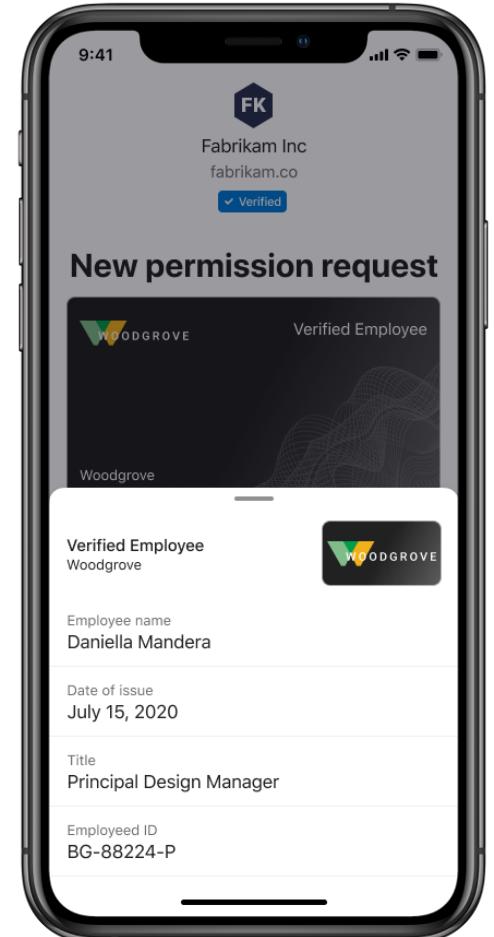
**Easier**

# Demonstration: ID verification based on open standards

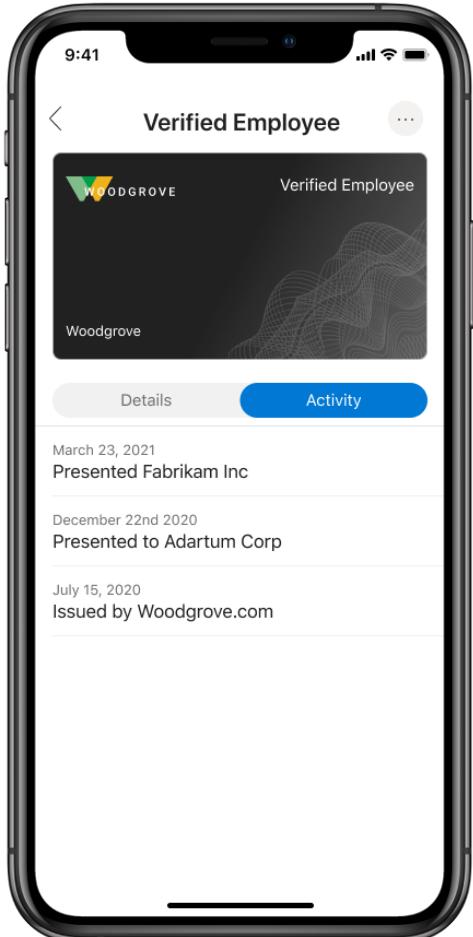
# Azure AD verifiable credentials - a better way to verify



verifiable



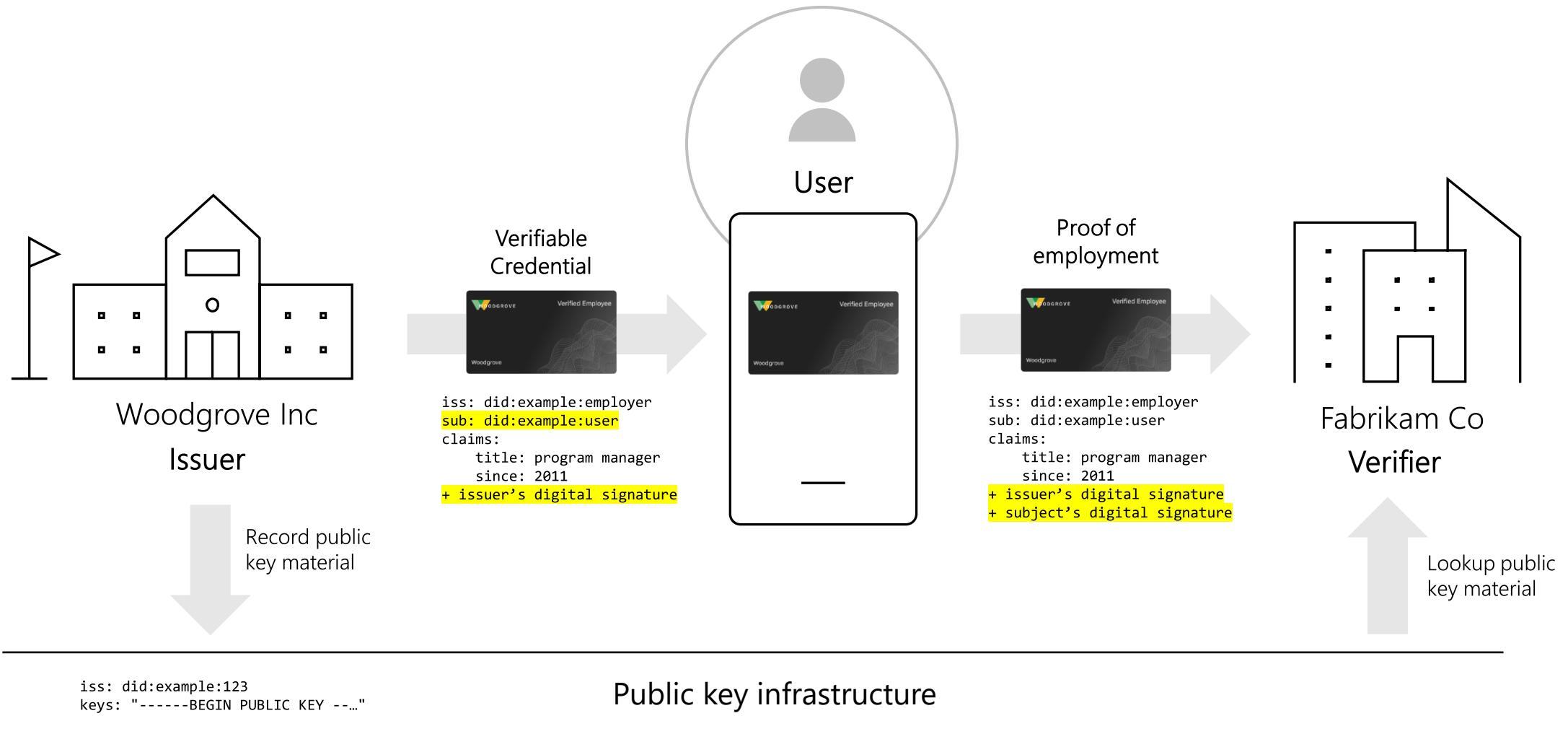
transparent



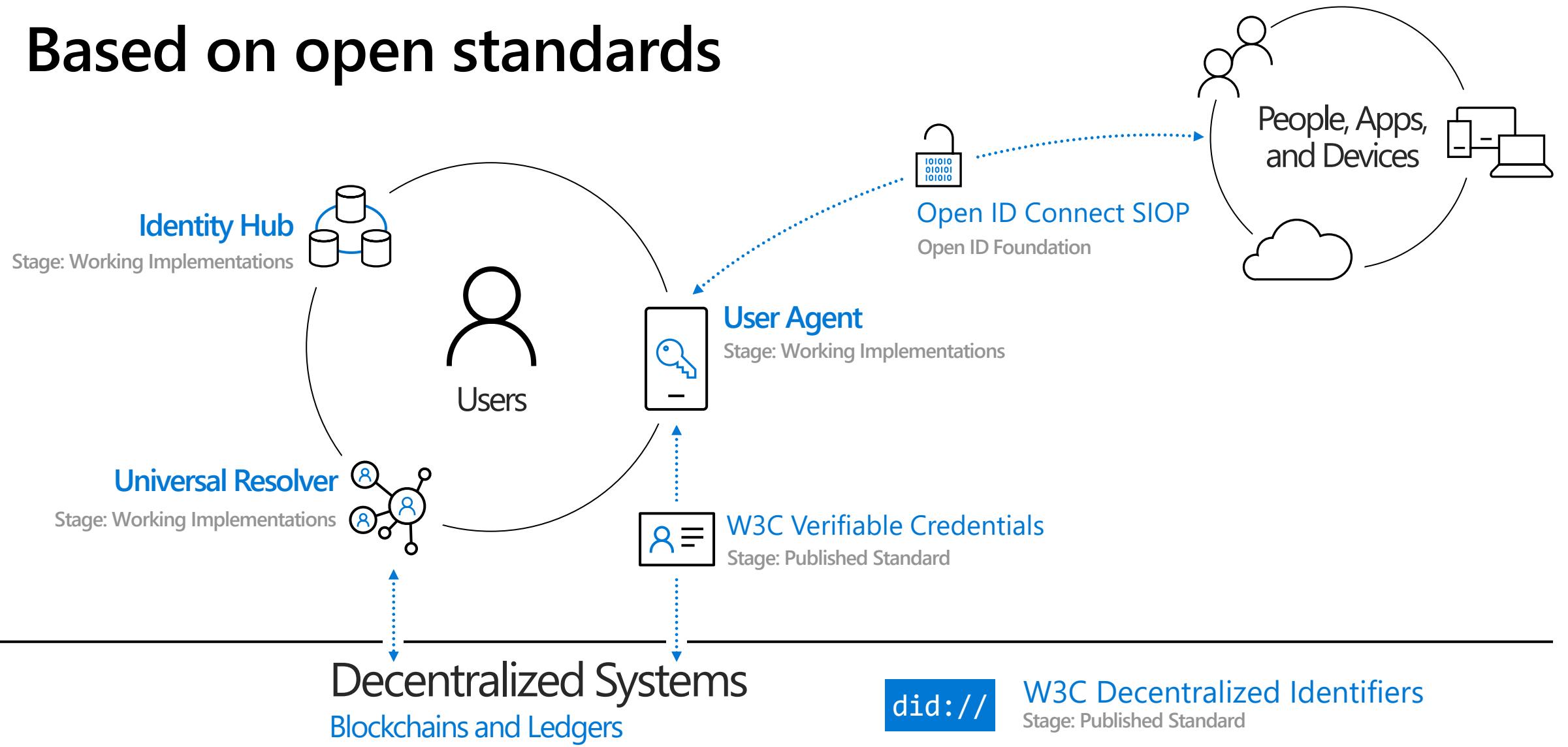
convenient

easy to use and secure

# How does this work?



# Based on open standards



Join, Collaborate, Contribute



# Decentralized Identity Platform by Microsoft

The image displays three components of the Microsoft Decentralized Identity Platform:

- Issuer interface (Azure AD):** A screenshot of the Microsoft Azure portal showing the "Create a new credential" page. It includes fields for Name (Verified Employee), Subscription (Azure Premium), Display file (URL: https://myidstorage.blob.core.windows.net/credentials/IdentityCardDisplay.json), and Rules file (URL: https://myidstorage.blob.core.windows.net/credentials/rules.json). Buttons at the bottom are "Create" and "Discard".
- Developer tools (SDK + API):** A screenshot of a developer environment window titled "Verify.JS" showing a "New permission request" dialog. The code in the editor is:

```
1 Verify.Employer.Workhistory
2   University.StudentID
3   CreditScoringAgency.Score
4   Employer.WorkHistory
5   IdentityVerifier.Selfie
6   BusinessClearingHouse.VerifiedBusiness
```

A preview of the "Verify.JS" application is shown, featuring a "New permission request" screen with a "Verify your employment status" button.
- End user wallet (Microsoft Authenticator):** A screenshot of an iPhone displaying the Microsoft Authenticator app. It shows a "New permission request" screen with a "Verify your employment status" button. The app interface includes a "Cancel" button and an "Allow" button.

Issuer interface  
(Azure AD)

Developer tools  
(SDK + API)

End user wallet  
(Microsoft Authenticator)

# Accelerate with trusted technology partners

In partnership with Identity verification leaders



Acuant



Au10tix



Jumio



Idemia



Lexis Nexis



Onfido



Socure



VU Security

Accelerate adoption with partner solutions



AffinitiQuest/ Avaleris



Condatis

192

Countries

6000

Identification documents

1000's

Organizational attributes

Millions

Individual ID attributes

Decades

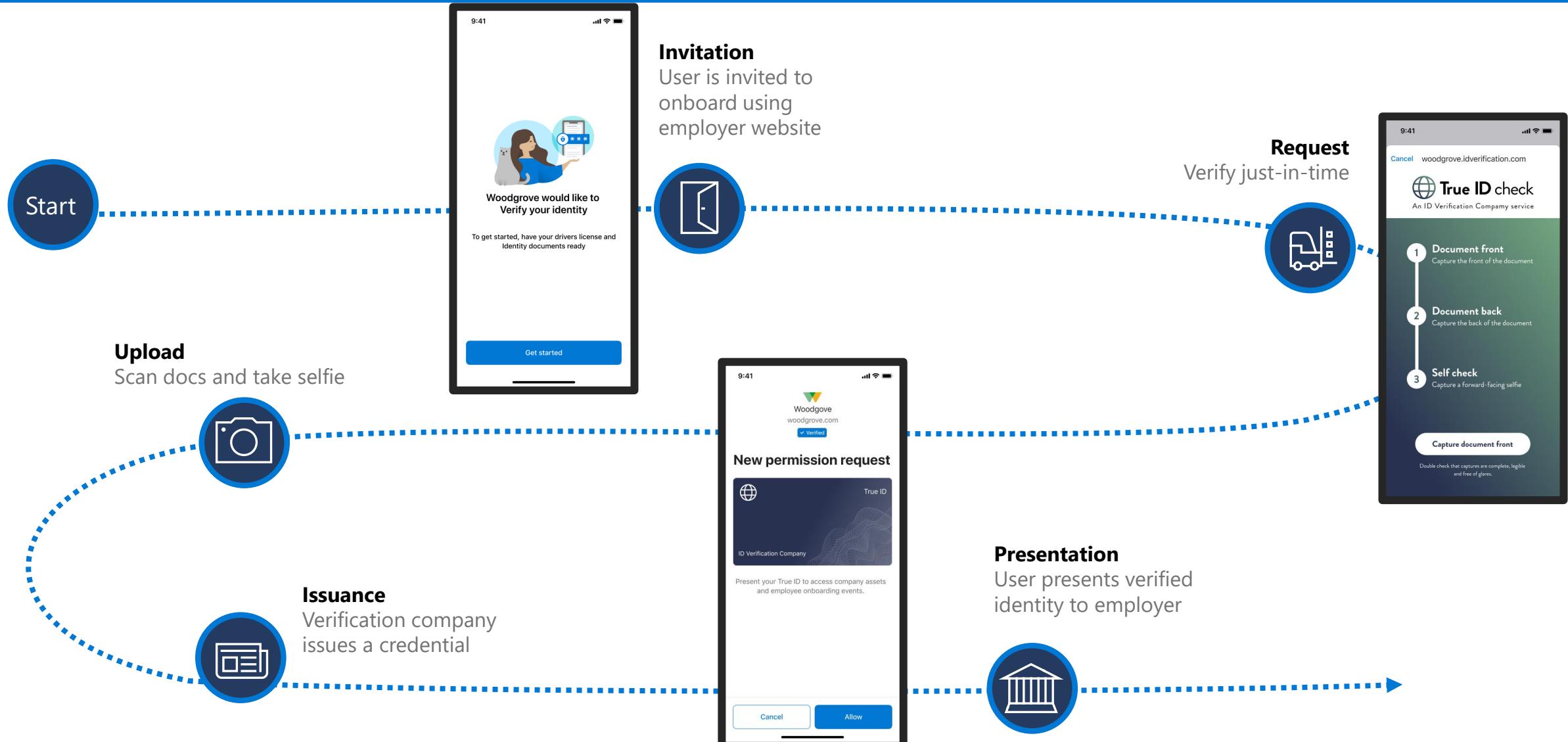
of experience to go from idea to implementation in hours

# Key scenarios

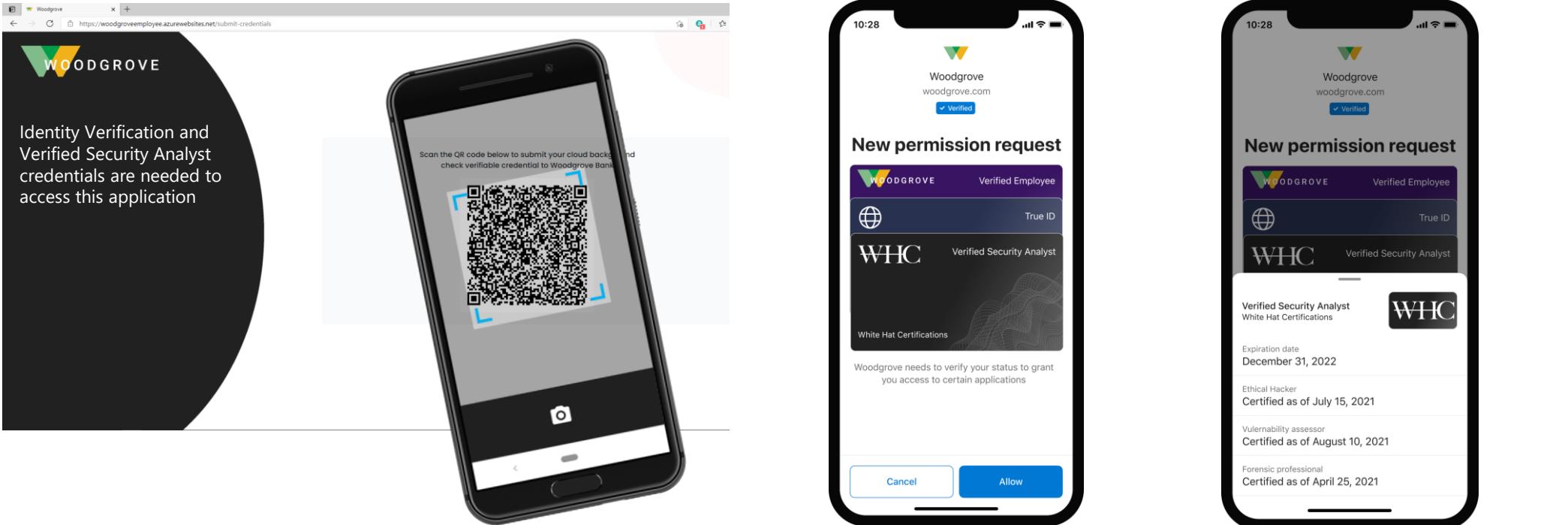
- Onboard
- Access
- Recover



# Onboard new employees, partners and customers



# Secure access to applications



Start



Sign in



Presentation

User shares the requested  
verifiable credentials

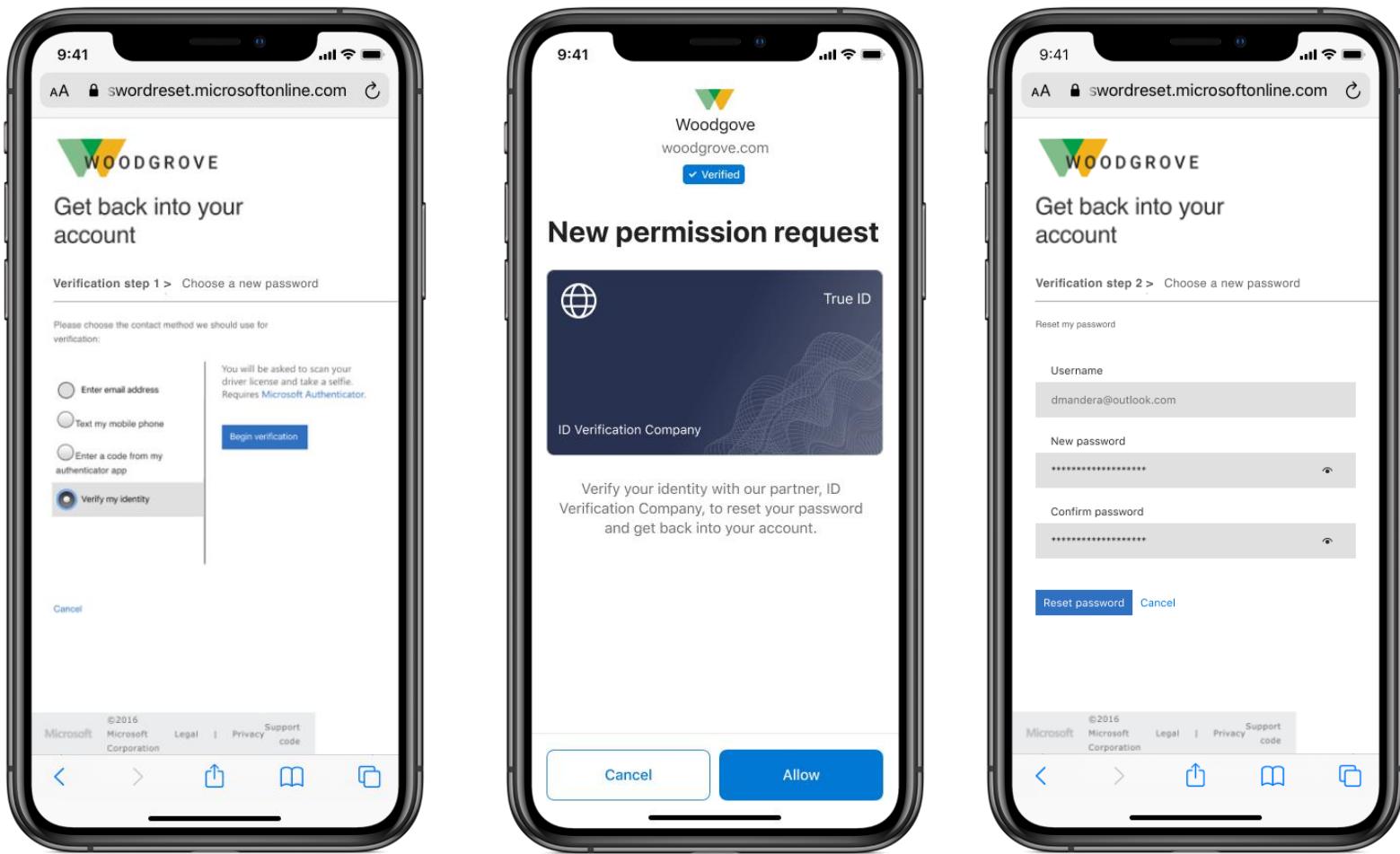


Detailed view

User confirms which claims  
are being shared

# Recovery

Reduce support phone calls and security questions with a simpler, more secure process to verify identity.



# Trustworthy, faster, cheaper way to verify



## Onboard employees, partners, customers

Trustworthy self-service enrollment and faster onboarding by digitally validating information with industry leading ID verification providers.



## Access to high-value apps and resources

Quickly verify credentials and get access to sensitive resources that have advanced security requirements



## Self-service account recovery

Reduce support phone calls and security questions with a simpler, more secure process to verify identity.

# Customer stories



Keio  
University



National  
Health Service



Government  
of Flanders

and many more...

# Resources

<http://identity.foundation>

Industry working group for all things Decentralized ID (DID)

<http://aka.ms/didwhitepaper>

White paper by Microsoft: approach for DID + Verifiable Credentials

<http://aka.ms/didexplained>

Quick overview

<https://youtu.be/Whc9Im-U0Wg>

Overview for developers: scenario walk-through and how-to

<http://aka.ms/didfordevs>

Developer documentation

<http://aka.ms/azureadbog/did>

Blogs (including scale and performance and self-owned key recovery)



# We're having a short break.

Next session starts at 11.20am (GMT+8)

In the meantime, speakers will be answering questions in the chat window, so ask away!



## Security Tech Frontier Series

Compliance Hour: Insider risks in today every digitized world - engineering update

Sravan Mera  
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# Agenda

- Insider risk – Scenario overview
- M365 IRM – Latest features
- Communication compliance - Demo
- Data connectors





# Insider Risk Management

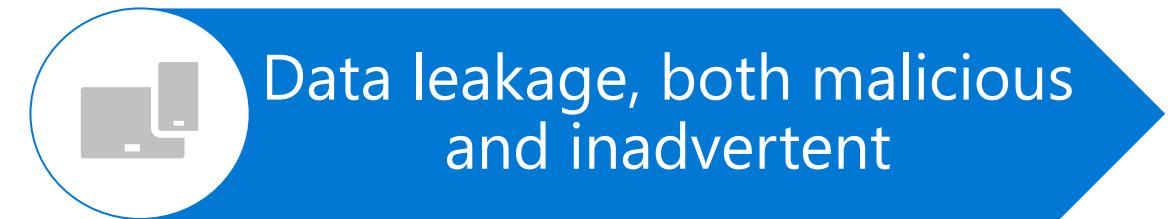
Intelligently investigate and  
take action on insider risks



While organizations face a broad range of risks from insiders...



Certain risks are more prevalent with significant negative impacts



# Insider risks are a universal concern

How concerned is your business  
about insider risks?



93%  
with 66% stating they  
are "very concerned"

# Insider Risk Management

Quickly identify and take-action on insider risks with integrated end-to-end approach



## Rich insights

Identify hidden risks with customizable ML templates requiring no end-point agents



## Privacy built-in

Pseudonymization and strong controls help appropriately manage data about risks



## End-to-end investigations

Integrated investigation workflows allow for collaboration across Security, HR and legal

Type	Date	Risk Score	Description
Obfuscation: Files deleted	Jan 3, 2021 (UTC)	75/100	2 events: Files deleted from Windows 10 Machine
SEQUENCE: Files exfiltrated and cleaned up (Preview)	Nov 11, 2020 - Jan 3, 2021 (UTC)	90/100	50 events: Sequence of SpoFileDownload, , FilePrint, EpoFileDeleted detected 5 events: Files that have labels applied, including: random name 2 events: Files containing sensitive info, including: Credit Cards 1 event: File sent to 1 unallowed domain ✓ Hide 4 activities in sequence
Obfuscation: Files deleted	Jan 3, 2021 (UTC)	75/100	2 events: Files deleted from Windows 10 Machine
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Obfuscation: Files renamed	Nov 27, 2020 (UTC)	32/100	2 events: Files renamed 2 events: Files containing sensitive info, including: Credit Cards 0 files with labels applied 0 files that are hidden
Data exfiltration: Files downloaded from SharePoint	Nov 13, 2020 (UTC)	27/100	45 events: Files downloaded from 1 SharePoint site 2 events: Files containing sensitive info, including: Credit Cards 34 events: Files that have labels applied, including: Confidential
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- Home
- Compliance Manager
- Data classification
- Data connectors
- Alerts
- Reports
- Policies
- Permissions

## Solutions

- Catalog
- Audit
- Content search
- Communication compliance
- Data loss prevention
- Data subject requests

## eDiscovery

- Information governance

- Information protection

## Insider risk management

- Records management

## Privacy management

## Settings

- More resources

## Internal Engineering Tools

- Tools

- Prototypes

- Common controls

# Insider risk management

Insider risk settings

Overview   Alerts   Cases   Policies   Users   Notice templates

Detect risky activity across your organization to help you quickly identify, investigate, and take action on insider risks and threats. [Learn more](#)

Users included in insider risk management policies must have a Microsoft 365 E5 Compliance license or be included in a Microsoft 365 E5 subscription. This feature is subject to the [Online Service Terms](#).

Here are some steps to get you up and running (0/2) complete

Initial Setup - Step 1

## Scan for insider risks in your organization (Preview)

Optional step

The risk scan will show data-driven insights on risky activities happening in your organization with recommendations on how to mitigate them. [Learn more](#)

Run Scan

Initial Setup - Step 2

## Create your first policy

Required step

Insider risk policies are based on pre-defined templates that define the risk activities you want to detect and investigate, such as data theft or data leaks. [Learn more](#)

Create policy

## Configure insider risk management settings

Before creating policies, you'll need to choose user privacy settings and decide what activities you want your policies to detect.

## Get started

## Alerts to review

Policy matches	Alert severity	User	Time detected
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## Here are the risks we found in your tenant's user activity (Preview)

This report is generated by scanning the activities of users in your organization. All insights are aggregated and anonymized. [Learn more about our privacy assurances](#). If you no longer wish to receive data-driven policy recommendations, you can disable this scan from [Insider risk settings](#)

Insights from September 15 - September 28

### Data Leaks insight

#### 1.3% of employees are showing data exfiltration patterns

Based on the activity of 23K employees scanned

**1.1%** of employees have done activities involving sensitive content

**0.8%** of employees downloaded SPO files

**0.7%** of employees shared SPO sites externally

#### Recommendation: Monitor leakage of sensitive data with General data leaks policy

General data leaks policy template evaluates the activities of employees activities to detect and alert you on potential data leakage risks.

[View details](#)

### Data Theft insight

#### 5.9% of employees with a resignation date are showing exfiltration patterns

Based on the activity of 219 recently departed employees scanned

**4.9%** of employees with a resignation date have done activities involving sensitive content

**3.1%** of employees with a resignation date downloaded SPO files

**2.8%** of employees with a resignation date shared SPO sites externally

#### Recommendation: Monitor leakage of sensitive data with a data theft policy

Departing employee data theft policy template evaluates the activities of employees leaving your organization to detect and alert you on potential data theft risks.

[View details](#)



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[View details](#)

## Data leak insights

Data leaks can range from accidental oversharing of information outside your organization to data theft with malicious intent.

### What we detected

We scanned the activities of 23K employees and found some potentially risky behaviors.

#### 1.3% of employees are showing data exfiltration patterns

- 1.1% of employees have done activities involving sensitive content
- 0.8% of employees downloaded SPO files
- 0.7% of employees shared SPO sites externally
- 0.5% of employees shared SPO folders externally
- 0.4% of employees copied sensitive content to personal cloud
- 0.4% of employees shared files across network
- 0.3% of employees emailed externally
- 0.2% of employees copied content to USB
- 0.1% of employees printed large quantity of files

### Mitigate this risk with a policy

Setting up a IRM policy will alert you to any potential risks detected in your organization.

[Create policy](#)

[Close](#)

- Policy template
- Name and description
- Users and groups
- Content to prioritize
- Indicators and triggering event
- Finish

## Choose a policy template

These templates are made up of conditions and indicators that define the risk activities you want to detect and investigate. All templates rely on a triggering event to occur before the policy will begin assigning risk scores to user activity. Triggering events are different depending on the template you choose, and prerequisites are required for some policies to work. [Learn more about templates](#)

ⓘ To bypass triggering event requirements, you can temporarily add a user to this policy after it's created. [Learn how to do this](#)

Categories	Templates	General data leaks
Data theft	General data leaks	Detects data leaks by any user included in this policy. Data leaks can range from accidental oversharing of information outside your organization to data theft with malicious intent. <a href="#">Learn more about this template</a>
Security policy violations (pre...)	Data leaks by disgruntled use...	
Data leaks	Data leaks by priority users (...)	<p><b>Prerequisites</b></p> <ul style="list-style-type: none"><li>• (Optional) <a href="#">Data loss prevention (DLP) policy</a> configured to generate high severity alerts.</li><li>• (Optional) To <a href="#">detect activity on devices</a>, you must have devices onboarded to the compliance center and device indicators selected.</li><li>• (Optional) <a href="#">Physical badging connector</a> configured to periodically import access events to priority physical locations</li></ul> <p><b>Triggering event</b></p> <p>Risk scores will be assigned to a user's activity based on the triggering event you'll choose later in this wizard. Alerts will then be generated based on their severity. Options include:</p> <ul style="list-style-type: none"><li>• Exfiltration activity. Scores assigned when user performs specific exfiltration activities that exceed certain thresholds.</li><li>• DLP policy match. Scores assigned when user performs an activity matching specified DLP policy.</li></ul> <p><b>Detected activities include</b></p> <ul style="list-style-type: none"><li>• Downloading files from SharePoint</li><li>• Printing files</li><li>• Copying data to personal cloud storage services</li></ul>

Next

Cancel



- Policy template
- Name and description
- Users and groups
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## Indicators and triggering event for this policy

The following triggering event and indicators are used to generate alerts for the activity detected by the policy template you selected. [Learn more](#)

### Choose triggering event

The triggering event determines when a policy will begin to assign risk scores to a user's activity. You can choose between two triggering events for this policy template.



#### User performs an exfiltration activity (Preview)

Policy will start assigning risk scores when specific thresholds are detected for activity relating to the following indicators:

- Files downloaded from SharePoint ⓘ
- Send email to recipients outside the organization ⓘ

ⓘ These indicators will only be used as the triggering event. They won't be used to score related activity unless they're turned on below or on the 'Policy indicators' page in insider risk settings.



#### User matches a data loss prevention (DLP) policy

Policy will start assigning risk scores when a user performs an activity matching the DLP policy you select. The DLP policy must be configured to generate 'High' severity incident reports. [Learn more about DLP policy requirements](#).

### Policy indicators

This policy will use the selected indicators below to detect user activity.

ⓘ If an indicator isn't selected below, you won't receive any alerts for that activity.

### Office indicators

- Select all
- Sharing SharePoint files with people outside the organization
- Sharing SharePoint folders with people outside the organization
- Sharing SharePoint sites with people outside the organization
- Downloading content from SharePoint
- Adding people outside organization to SharePoint sites (Preview)
- Downgrading sensitivity labels of SharePoint files (Preview)
- Removing sensitivity labels of SharePoint files (Preview)
- Removing sensitivity labels of SharePoint sites (Preview)
- Accessing sensitive or priority SharePoint files

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## Insider risk management

Overview   Alerts   Cases   Policies   Users   Notice templates

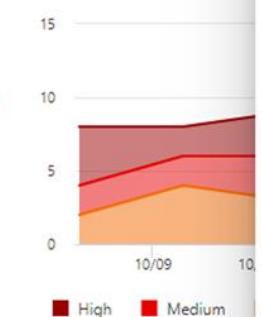
After a triggering event occurs for a user, policies assign risk scores to detected activity. If the risk score is high enough, an alert is generated. You can review alerts to determine if they require additional investigation. [Learn more](#)

Alerts to review

### 3 alerts need review

■ Medium ■ Low

Open alerts over past 30 days



■ High ■ Medium

Export

Applied filters:

Users	Alert	Status	Alert severity
Anony85KF-34DF	Alert: Confidentiality obligation during...	Needs review	Medium
Anony04J5-34PP	Alert: Data access during remote work...	Needs review	Medium
AnonyF3FD-34PK	Alert: Anti-harrasment policy	Needs review	Low
AnonyIS8-978	Alert: Confidentiality obligation during...	Confirmed	High
AnonyDB4-I35	Alert: Confidentiality obligation during...	Confirmed	Low
AnonyDB4-I35XX	Alert: Confidentiality obligation during...	Resolved	High
AnonyDB4-I35XX	Alert: Security policy violation - 1	Resolved	High

## Alert: Confidentiality obligation during departure

Needs review   ■■■ Medium

Summary   User activity

All activities   Unusual activities

7   0

Sep 22, 2020 (UTC)  
HR event: Resignation date set  
Resignation date set for: Oct 3, 2020 12:00 PM

Sep 21, 2020 (UTC)  
Data collection: Unusual mass download from Microsoft Azure and Box generated by Microsoft Cloud App Security  
Risk score: 75  
3 alerts: Mass download from Microsoft Azure raised by Microsoft Cloud App Security  
3 alerts: Mass download from Box raised by Microsoft Cloud App Security

Sep 21, 2020 (UTC)  
Data access: Multiple failed logins to Amazon Web Services generated by Microsoft Cloud App Security  
Risk score: 50  
3 alerts: Multiple failed logins in Amazon Web Services raised by Microsoft Cloud App Security

Sep 21, 2020 (UTC)  
Data obfuscation: Labels of sensitive files downgraded on SharePoint  
Risk score: 65  
10 events: Labels of SharePoint files downgraded  
6 events: Files containing sensitive info, including: ABA Routing Number  
10 events: Files that have labels applied, including: Internal Only

Sep 21, 2020 (UTC)  
Cumulative data exfiltration  
Jan 15, 2021 - Jan 22, 2021 (UTC) | Risk score: 54/100  
External sharepoint files shared was 100% above average  
Files copied to personal cloud storage was 300% above average  
All exfiltration was 133.33% above average

Sep 21, 2020 (UTC)  
Data access: People outside the organization added to Teams private channels  
Risk score: 6  
1 event: 1 person outside of organization added to 1 Teams private channel

Open expanded view

Actions

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- Common controls

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- Customize navigation
- Show all

## Insider risk management

Overview Alerts Cases Policies Users Notice templates

After a triggering event occurs for a user, policies assign risk scores to detected activity. If the risk score is high enough, an alert is generated. Confirm alerts if you want investigation. [Learn more](#)

Alerts to review

### 3 alerts need review



Export

Applied filters:

Users	Alert	Status	Alert severity
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AnonyO4J5-34PP	Alert: Data access during remote work...	● Needs review	■■■ Medium
AnonyF3FD-34PK	Alert: Anti-harassment policy	● Needs review	■■■ Low
AnonyLS8-978	Alert: Confidentiality obligation during...	● Confirmed	■■■ High
AnonyDB4-I35	Alert: Confidentiality obligation during...	● Confirmed	■■■ Low
AnonyDB4-I35XX	Alert: Confidentiality obligation during...	● Resolved	■■■ High
AnonyDB4-I35XX	Alert: Security policy violation - 1	● Resolved	■■■ High

## Alert: Confidentiality obligation during departure

● Needs review ■■■ Medium

Summary User activity

### Obfuscation: Files deleted

Jan 3, 2021 (UTC) | Risk score: 75/100  
2 events: Files deleted from Windows 10 Machine

### SEQUENCE: Files exfiltrated and cleaned up (Preview)

Nov 11, 2020 - Jan 3, 2021 (UTC) | Risk score: 90/100  
50 events: Sequence of SpoFileDownload, , FilePrint, EpoFileDeleted detected  
5 events: Files that have labels applied, including: random name  
2 events: Files containing sensitive info, including: Credit Cards  
1 event: File sent to 1 unallowed domain  
Show 4 activities in sequence

### Data exfiltration: Files printed

Dec 13, 2020 (UTC) | Risk score: 45/100  
2 events: Files printed  
2 events: Files containing sensitive info, including: Credit Cards  
0 Files with labels applied

### Data exfiltration: Emails with attachments sent outside the organization

Dec 3, 2020 (UTC) | Risk score: 67/100  
5 events: Emails sent outside the organization  
0 events: Emails sent to 0 unallowed domains  
2 events: Files containing sensitive info, including: Credit Cards

### Data exfiltration: Emails with attachments sent outside the organization

Dec 1, 2020 (UTC) | Risk score: 23/100  
5 events: Emails sent outside the organization  
0 events: Emails sent to 0 unallowed domains  
0 Emails that contain sensitive info

### Obfuscation: Files renamed

Nov 27, 2020 (UTC) | Risk score: 32/100  
2 events: Files renamed  
2 events: Files containing sensitive info, including: Credit Cards  
0 Files with labels applied  
0 Files that are hidden

### Data exfiltration: Files downloaded from SharePoint

Nov 21, 2020 (UTC) | Risk score: 24/100  
13 events: Files downloaded from 1 SharePoint site  
0 Files that contain sensitive info

Open expanded view

Actions ▾

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## Insider risk management

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After a triggering event occurs for a user, policies assign risk scores to detected activity. If the risk score is high enough, an alert is generated. Confirm alerts if you want investigation. [Learn more](#)

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[Hide 4 activities in sequence](#)

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45 events: Files downloaded from 1 SharePoint site  
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[Open expanded view](#)

[Actions](#) ▾

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Insider risk management > Case > Case 449: Potential IP theft

Automate Share Create Microsoft team Escalate for investigation Send email notice Resolve case

Case overview Alerts User activity Activity explorer (preview) Content explorer Case notes Contributors

Risk Type Show by

6 Months 3 Months 1 Month

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**SEQUENCE: Files exfiltrated and cleaned up**  
Nov 11, 2020 - Jan 3, 2021 (UTC) | Risk score: 90/100  
50 events: Sequence of SpoFileDownload, , FilePrint, EpoFileDeleted detected (Explore content)  
5 events: Files that have labels applied, including: random name (Explore content)  
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**Obfuscation: Files renamed**  
N/A

Risk Score

Resignation date set Employment end date

Sharing or downloading from cloud app Exfiltration through device or network Physical access  
Emails sent externally Defense evasion or unwanted software Data obfuscation Data collection  
Data infiltration Data Staging Others Multiple activity types

Case details User details

User profile Pseudonymize On

Name and title Anony85KF-34DF

User email

Alias

Organization or department

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34 events: Files that have labels applied, including: Credit Cards (Explore content)

Risk Score

Resignation date set Employment end date

8/31/2020 9/30/2020 10/31/2020 12/1/2020 1/1/2021 2/1/2021

Sharing or downloading from cloud app Exfiltration through device or network Physical access  
Emails sent externally Defense evasion or unwanted software Data obfuscation Data collection  
Data infiltration Data Staging Others Multiple activity types

Case details User details

User profile Pseudonymize On

Name and title Anony85KF-34DF

User email

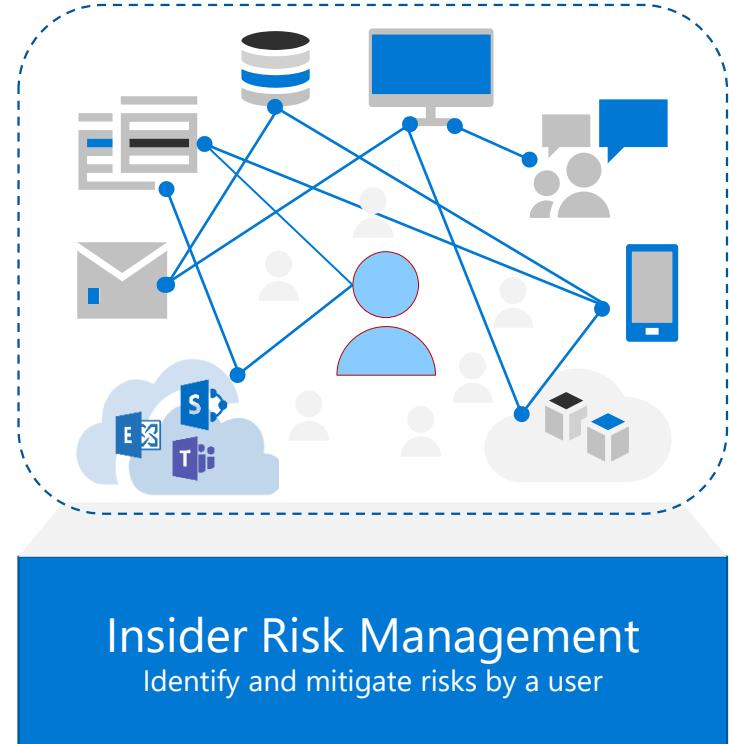
Alias

Organization or department

# Fractured approach for insider risks

Insider risks are difficult to identify & manage			
<ul style="list-style-type: none"><li>• Data growing, being accessed and shared across multiple devices and apps</li><li>• Visibility into location and movement of sensitive data is poor</li><li>• Requires analysis of millions of disparate signals and collaboration (security/HR/legal)</li></ul>			
Traditional approaches have limitations			
UEBA (user behavior analytics)	UAM (user activity monitoring)	DLP (data loss prevention)	
<b>Complex setup</b> <ul style="list-style-type: none"><li>• Configuration requires scripting (engineering or managed services)</li><li>• COGS burden for storage of signals and compute for analytics</li><li>• Signal curation requires additional solutions (Firewalls, UAM, DLP, EDR)</li><li>• Events per second are capped</li><li>• On-prem server-based model</li></ul>	<ul style="list-style-type: none"><li>• Requires deployment of endpoint agents and on-prem servers</li><li>• Management of agents is complex</li><li>• Scale and performance issues with agent-based model</li></ul>	<ul style="list-style-type: none"><li>• Requires deployment of endpoint agents and on-prem servers</li><li>• Management of agents is complex</li><li>• Scale and performance issues with agent-based model</li><li>• Some narrowly focused on email communications</li></ul>	
<b>Limited enrichment</b> <ul style="list-style-type: none"><li>• Low visibility into content</li><li>• Low sentiment analysis</li><li>• Low understanding of content sensitivity</li></ul>	<ul style="list-style-type: none"><li>• Low visibility into content</li><li>• Low sentiment analysis</li><li>• Limited signal correlation</li><li>• Low understanding of content sensitivity</li></ul>	<ul style="list-style-type: none"><li>• Low visibility into content</li><li>• Low sentiment analysis</li><li>• Limited signal correlation</li><li>• Prone to high-false positive rate</li></ul>	
<b>Narrow workflows</b> <ul style="list-style-type: none"><li>• No integrated workflow beyond SOC</li></ul>	<ul style="list-style-type: none"><li>• No integrated workflow beyond SOC</li></ul>	<ul style="list-style-type: none"><li>• No integrated workflow beyond SOC</li></ul>	

# Addressing risks to your information



Pivot

Risk identification

Mitigation of risk

Examples

Content

Transactional

Rule enforcement / User Education

- **Block printing** of Word documents with Credit Cards,
- **Audit copying** PDF files with label "Confidential" to USB,
- **Warn w/ Override** uploading of Office files with label "Sensitive" to Cloud

User

Correlated

Collaborate across security, HR, legal

- Identify **departing employees who are** taking sensitive documents upon departure
- Identify **creative insider threat** by correlating activities (collection>obfuscation>exfiltration)
- Identify the **vigilant insider threat** involved in careful low-and-slow leak over days

# Getting started



Start using Insider Risk Management today  
<https://compliance.microsoft.com>



Take a quick look at  
<https://aka.ms/insiderriskguide>



Learn more: <http://aka.ms/insiderriskblog>

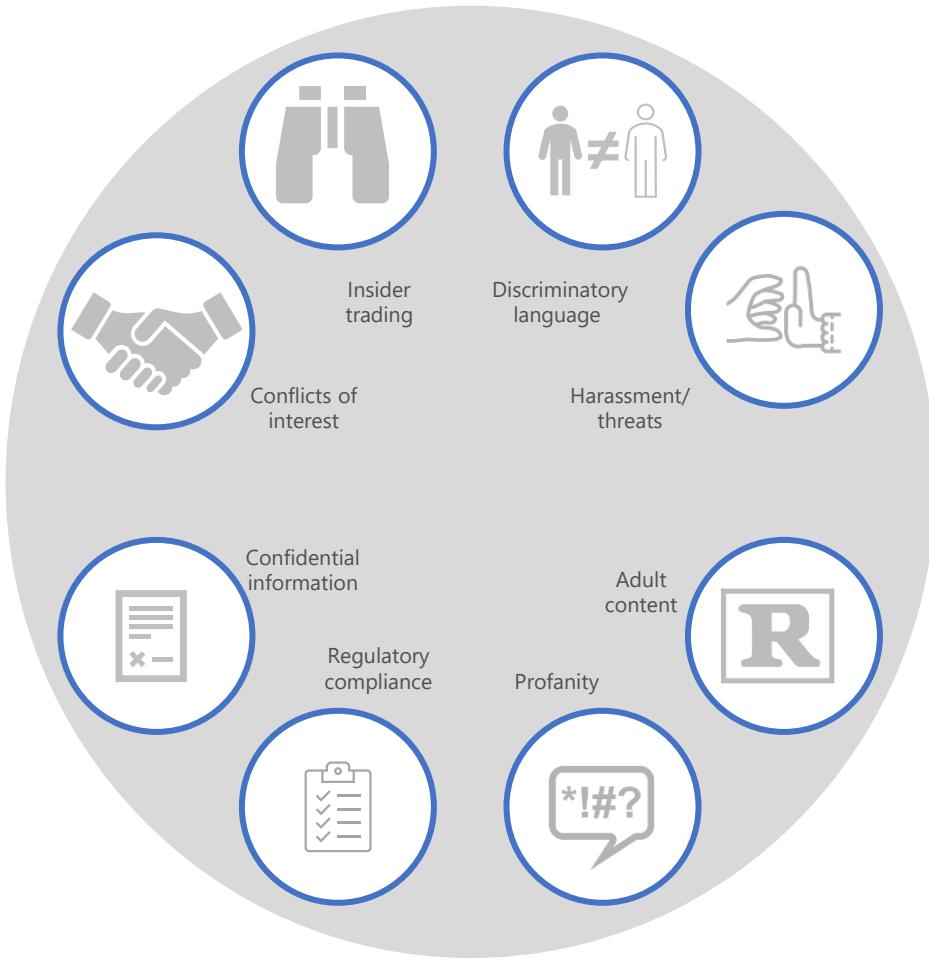




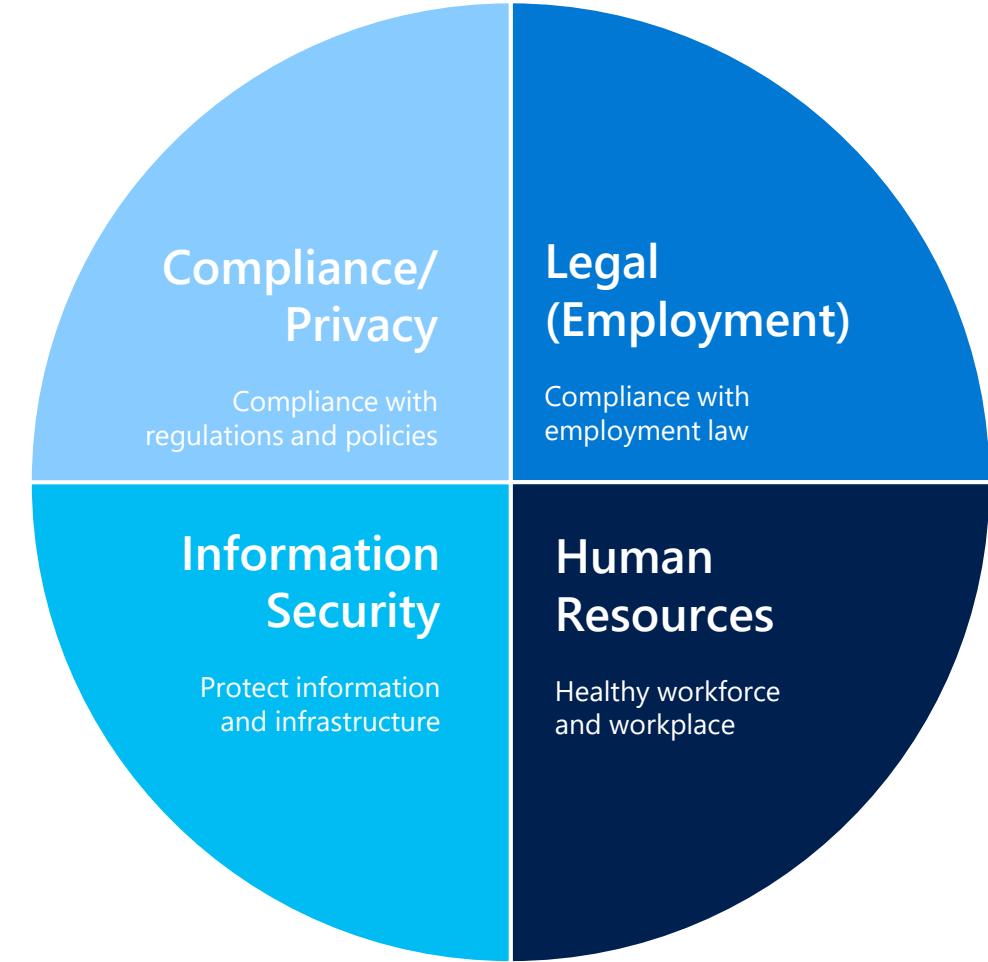
## Communication Compliance

Quickly identify and remediate corporate code-of-conduct policy violations

# Organizations face a broad range of communication risks



# And many stakeholders are involved to address these risks



# Communication Compliance

Quickly identify and remediate corporate code-of-conduct policy violations



## Intelligent customizable playbooks

Leverage machine learning to detect violations across Teams, Exchange and 3rd party content



## Flexible remediation workflows

Remediation workflows to quickly act on violations and remove incriminating messages on Teams

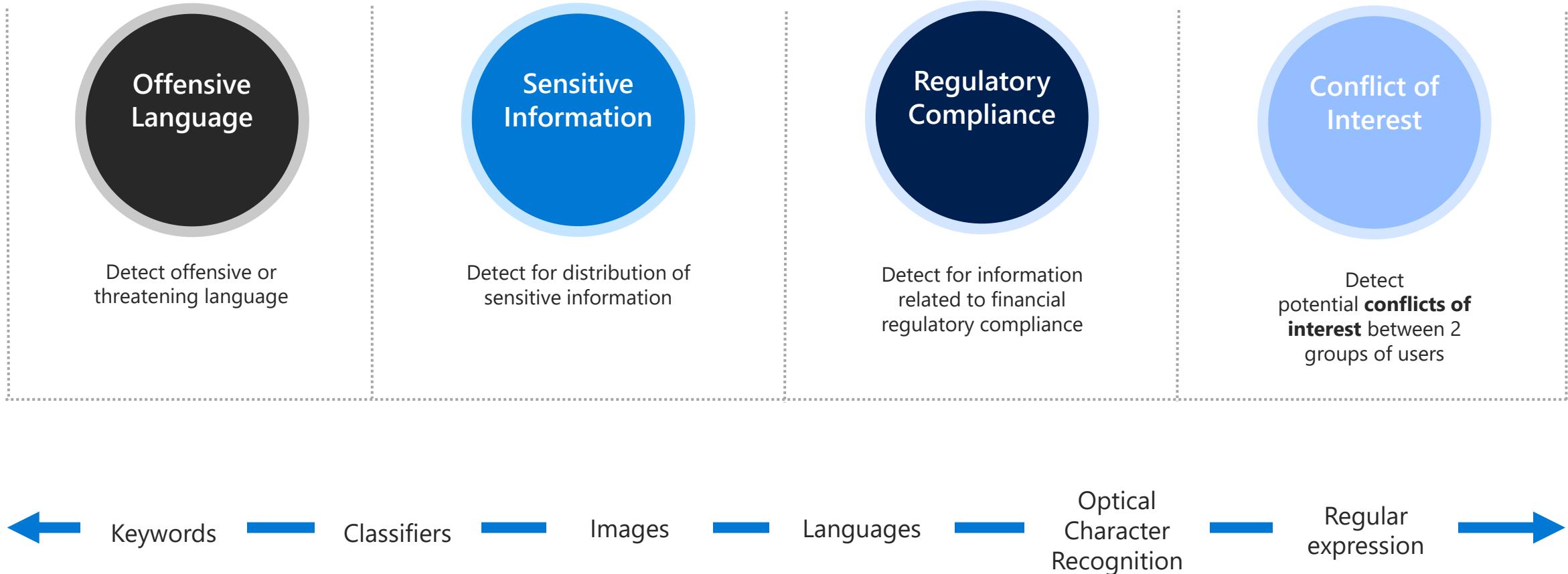


## Built-in privacy by design

Pseudonymization, audit trails and strong controls to appropriately manage data about risks

The screenshot shows the Microsoft 365 compliance interface for Contoso Electronics. The main area displays a table of communication policies, each with details like name, reviewer, items pending review, escalated items, resolved items, status, last modified, and last policy scan. Policies listed include SSN and Profanity, Offense SIT Dict ML, Sensitive Info Taboo Only, Offensive language ML and SIT - with O..., Offensive Language Non-Ocr, Offensive language ML and SIT, Offensive Language ML Only, Test globalized OCR support, Conflict of interest, Custom Test Policy OL, Adult image detection, Yammer msg only, Privacy breach, Top secret project, Instant Bloomberg ONLY, Offensive messages, Teams msgs only, and Insiders. To the right, a sidebar titled 'Recommended policies' lists several items with 'View' buttons: 'Monitor for offensive language', 'Monitor for sensitive info', 'Monitor for financial regulatory compliance', and 'Monitor for conflict of interest'.

# Tailored policy templates



Learn about our newest feature announcements at [aka.ms/ccrsa2021](https://aka.ms/ccrsa2021)

# Better Together with Microsoft Teams



**Communication compliance**  
By Microsoft

## Competitors

### Visibility

Native Teams  
Shared channels  
Private channels  
Adaptive cards

No

### Review

Additional Teams context

No

### Remediation

Remove Teams message

No

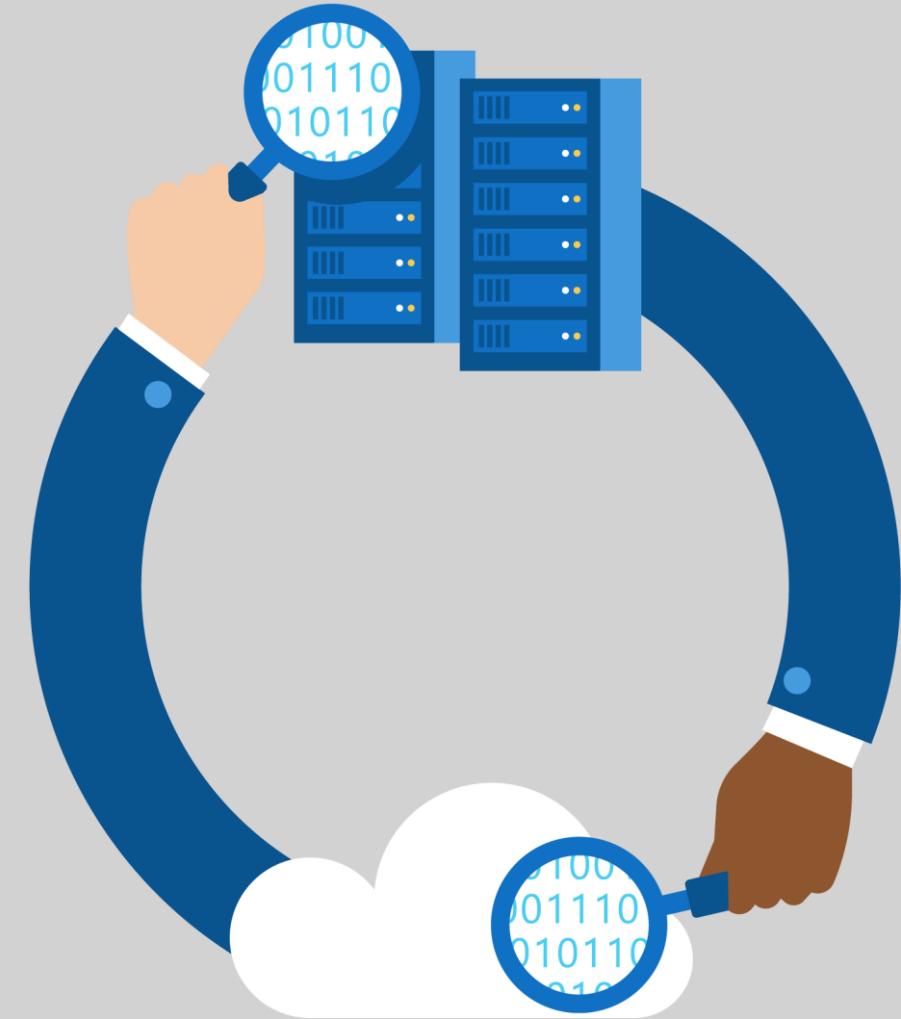
### Coming Soon

Modern attachments  
Report offensive content

No

# Communication Compliance

Demo



# Demo: Communication Compliance

[Home](#)[Compliance Manager](#)[Data classification](#)[Data connectors](#)[Solutions](#)[Catalog](#)[Communication compliance](#)[Insider risk management](#)[Settings](#)[More resources](#)[Customize navigation](#)[Show all](#)

## Communication compliance

[Communication compliance settings](#) [Learn more](#) [Remove from navigation](#)[Policies](#) [Alerts](#) [Reports](#)[Create policy](#) [Refresh](#) [Export policy updates](#)21 items [Search](#) [Customize columns](#)

Policy name	Reviewer	Items pending review	Escalated items	Resolved items	Status	Last modified	Last policy scan
Offense SIT Dict ML	admin@M365x525973.onmicrosoft.com	5	0	0	Active	Mar 26, 2021 12:16 PM	Apr 13, 2021 12:50 AM
Sensitive Info Taboo Only	admin@M365x525973.onmicrosoft.com	17	0	0	Active	Mar 26, 2021 11:38 PM	Apr 13, 2021 1:29 AM
Offensive language ML a...	admin@M365x525973.onmicrosoft.com	8	0	0	Active	Mar 26, 2021 9:15 PM	Apr 13, 2021 4:13 AM
Offensive Language Non-...	admin@M365x525973.onmicrosoft.com	11	0	0	Active	Mar 26, 2021 3:49 PM	Apr 12, 2021 11:41 PM
Offensive language ML a...	admin@M365x525973.onmicrosoft.com	7	0	0	Active	Mar 26, 2021 9:37 PM	Apr 13, 2021 5:29 AM
Offensive Language ML ...	admin@M365x525973.onmicrosoft.com	56	0	0	Active	Mar 25, 2021 2:55 PM	Apr 13, 2021 5:57 AM
Test globalized OCR supp...	admin@M365x525973.onmicrosoft.com	79	0	0	Active	Mar 18, 2021 11:49 PM	Apr 13, 2021 5:58 AM
Conflict of interest	admin@M365x525973.onmicrosoft.com	0	0	0	Active	Feb 4, 2021 9:48 PM	Apr 13, 2021 9:13 AM
Custom Test Policy OL	admin@M365x525973.onmicrosoft.com	1312	1	172	Active	Apr 6, 2021 8:35 AM	Apr 13, 2021 5:26 AM
Adult image detection	AdeleV@M365x525973.OnMicrosoft.c...	52	0	0	Active	Aug 10, 2020 10:00 AM	Apr 13, 2021 4:13 AM
Yammer msg only	admin@M365x525973.onmicrosoft.co...	18	1	1	Active	Feb 22, 2021 9:46 PM	Apr 13, 2021 3:12 AM
Privacy breach	supervisors@M365x525973.onmicros...	1904	3	4	Active	Jul 31, 2020 3:23 AM	Apr 13, 2021 5:21 AM
Top secret project	admin@M365x525973.OnMicrosoft.co...	465	1	26	Active	Mar 1, 2021 8:04 PM	Apr 13, 2021 4:32 AM
Instant Bloomberg ONLY	admin@M365x525973.OnMicrosoft.co...	65	0	5	Active	Apr 29, 2020 12:20 PM	Apr 13, 2021 4:20 AM
Offensive messages	admin@M365x525973.onmicrosoft.co...	327	9	110	Active	Mar 29, 2021 12:32 PM	Apr 13, 2021 8:30 AM
Teams msgs only	AdeleV@M365x525973.OnMicrosoft.c...	598	1	302	Active	Oct 22, 2020 9:53 AM	Apr 12, 2021 11:17 PM
Insiders	admin@M365x525973.OnMicrosoft.co...	1604	14	634	Active	Apr 6, 2021 10:25 PM	Apr 12, 2021 4:10 PM

### Recommended policies

[Monitor for offensive language](#)

Add a policy that uses Microsoft's machine learning model for abusive and offensive language to find and prevent instances of harassment in your organization.

[View](#)[Monitor for sensitive info](#)

Add a policy that monitors communications containing sensitive information to help prevent unauthorized leaks.

[View](#)[Monitor for financial regulatory compliance](#)

Add a policy that monitors communications that might contain info related to insider trading.

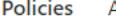
[View](#)[Monitor for conflict of interest](#)

Add a policy to monitor communications between two groups of users to help avoid conflicts of interest.

[View](#)

Contoso Electronics Microsoft 365 compliance  ? 

## Communication compliance

Policies Alerts Reports  Refresh Export policy updates 21 items Search Customize columns

Policy name	Reviewer	Items pending review	Escalated items	Resolved items	Status	Last modified	Last policy scan
SSN and Profanity	admin@M365x525973.onmicrosoft.com	1	0	0	Active	Mar 27, 2021 2:23 AM	Apr 13, 2021 4:54 AM
Offense SIT Dict ML	admin@M365x525973.onmicrosoft.com	5	0	0	Active	Mar 26, 2021 12:16 AM	Apr 13, 2021 12:50 AM
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Offensive Language ML Only	admin@M365x525973.onmicrosoft.com	56	0	0	Active	Mar 25, 2021 2:55 AM	Apr 13, 2021 5:57 AM
Test globalized OCR support	admin@M365x525973.onmicrosoft.com	79	0	0	Active	Mar 18, 2021 11:49 AM	Apr 13, 2021 5:58 AM
Conflict of interest	admin@M365x525973.onmicrosoft.com	0	0	0	Active	Feb 4, 2021 9:48 PM	Apr 13, 2021 9:13 AM
Custom Test Policy OL	admin@M365x525973.onmicrosoft.com	1312	1	172	Active	Apr 6, 2021 8:35 AM	Apr 13, 2021 5:26 AM
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### Recommended policies

Monitor for offensive language  
Add a policy that uses Microsoft's machine learning model for abusive and offensive language to find and prevent instances of harassment in your organization.

[View](#)

Monitor for sensitive info  
Add a policy that monitors communications containing sensitive information to help prevent unauthorized leaks.

[View](#)

Monitor for financial regulatory compliance  
Add a policy that monitors communications that might contain info related to insider trading.

[View](#)

Monitor for conflict of interest  
Add a policy to monitor communications between two groups of users to help avoid conflicts of interest.

[View](#)

# Communication compliance

[Communication compliance settings](#) [Learn more](#) [Remove from navigation](#)
[Policies](#) [Alerts](#) [Reports](#)

+ Create policy  Export policy updates

	Reviewer	Items pending review	Escalated items	Resolved items	Status	Last modified	Last policy scan
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Monitor for sensitive info	admin@M365x525973.onmicrosoft.com	5	0	0	Active	Mar 26, 2021 12:16...	Apr 13, 2021 12:50 AM
Monitor for regulatory compliance	admin@M365x525973.onmicrosoft.com	17	0	0	Active	Mar 26, 2021 11:38...	Apr 13, 2021 1:29 AM
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Insiders	admin@M365x525973.OnMicrosoft.co...	1604	14	634	Active	Apr 6, 2021 10:25 ...	Apr 12, 2021 4:10 PM

## Recommended policies

### Monitor for offensive language

Add a policy that uses Microsoft's machine learning model for abusive and offensive language to find and prevent instances of harassment in your organization.

[View](#)

### Monitor for sensitive info

Add a policy that monitors communications containing sensitive information to help prevent unauthorized leaks.

[View](#)

### Monitor for financial regulatory compliance

Add a policy that monitors communications that might contain info related to insider trading.

[View](#)

### Monitor for conflict of interest

Add a policy to monitor communications between two groups of users to help avoid conflicts of interest.

[View](#)


- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Name and describe your policy

Name \*

Description

Next

Cancel



Communication compliance &gt; New policy

- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Choose supervised users and reviewers

### Supervised users and groups \*

Choose the users and group whose communications you want to supervise.

- All users  
 Select users

Start typing to find users or groups

### Excluded users and groups

If you choose a group to supervise, you can exclude specific group members.

Start typing to find users or groups

### Reviewers \*

Choose users to review the communications that are returned by this policy.

 Adele Vance X  Alex Wilber X  Christophe Fiessinger X Start typing to find users

Back

Next

Cancel

- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Choose locations to monitor communications

### Microsoft 365 locations

- Exchange. ⓘ  
Emails and attachments sent or received by Exchange mailboxes.
- Teams.  
Messages in Teams channels and individual and group chats.
- Skype for Business.  
Messages in individual and group conversations.
- Yammer  
Private messages and community conversations.

### Third-party sources

[Learn more](#)

- Bloomberg





- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Choose conditions and review percentage

### Communication direction \*

**Inbound.**

Detects communications sent to supervised users from external and internal senders, including other supervised users in this policy.

**Outbound.**

Detects communications sent from supervised users to external and internal recipients, including other supervised users in this policy.

**Internal.**

Detects communications between the supervised users or groups in this policy.

### Conditions

By default we will monitor all communications from the users and groups you specified. Add conditions to limit the results to communications matching specific criteria. [Learn more about these conditions](#)

+ Add condition ▾

### Optical character recognition

Extract printed or handwritten text from images for evaluation (preview).

Only enabled for policies that include keyword matching, classifiers, or sensitive info types.

### Review percentage

If you want to reduce the amount of content to review, specify a percentage. We'll randomly select the amount of content from the total that matched any conditions you chose.





- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Choose conditions and review percentage

### Communication direction \*

**Inbound.**

Detects communications sent to supervised users from external and internal senders, including other supervised users in this policy.

**Outbound.**

Detects communications sent from supervised users to external and internal recipients, including other supervised users in this policy.

**Internal.**

Detects communications between the supervised users or groups in this policy.

### Conditions

By default we will monitor these criteria. [Learn more about communication monitoring](#)

+ Add condition ▾

### Optical character recognition

Extract printed or scanned text  
Only enabled for particular domains

### Review percentage

If you want to reduce the number of messages reviewed, change the conditions you chose.

—

Content matches any of these classifiers

Content contains any of these sensitive info types

Message contains any of these words

Message contains none of these words

Message is received from any of these domains

Message is not received from any of these domains

Message is sent to any of these domains

Message is not sent to any of these domains

Attachment size is larger than

Attachment size is not larger than

Attachment contains any of these words

Attachment contains none of these words

Attachment is one of these file types

Attachment is none of these file types

Message size is larger than

Message size is not larger than

Message is classified with any of these labels

Message is not classified with any of these labels

specified. Add conditions to limit the results to communications matching specific criteria.

(ew).

sitive info types.

I'll randomly select the amount of content from the total that matched any of the conditions you chose.

Back

Next

Cancel

- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Choose conditions and review percentage

### Communication direction \*

 **Inbound.**

Detects communications sent to supervised users from external and internal senders, including other supervised users

 **Outbound.**

Detects communications sent from supervised users to external and internal recipients, including other supervised users

 **Internal.**

Detects communications between the supervised users or groups in this policy.

### Conditions

By default we will monitor all communications from the users and groups you specified. Add conditions to limit the results criteria. [Learn more about these conditions](#)

#### Content matches any of these classifiers

### Optical character recognition

 Extract printed or handwritten text from images for evaluation (preview).

Only enabled for policies that include keyword matching, classifiers, or sensitive info types.

### Review percentage

If you want to reduce the amount of content to review, specify a percentage. We'll randomly select the amount of content conditions you chose.



## Trainable classifiers

 Search

6 selected

Name	Supported Languages
Contoso - Privacy Breach	
Contoso - customer complaints	
Source code	English
<input checked="" type="checkbox"/> Harassment	Chinese, English, French, German, Italia...
<input checked="" type="checkbox"/> Profanity	Chinese, English, French, German, Italia...
<input checked="" type="checkbox"/> Threat	Chinese, English, French, German, Italia...
Resume	English
<input checked="" type="checkbox"/> Adult images	
<input checked="" type="checkbox"/> Racy images	
<input checked="" type="checkbox"/> Gory images	



- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Choose conditions and review percentage

### Communication direction \*

**Inbound.**

Detects communications sent to supervised users from external and internal senders, including other supervised users in this policy.

**Outbound.**

Detects communications sent from supervised users to external and internal recipients, including other supervised users in this policy.

**Internal.**

Detects communications between the supervised users or groups in this policy.

### Conditions

By default we will monitor all communications from the users and groups you specified. Add conditions to limit the results to communications matching specific criteria. [Learn more about these conditions](#)

Content matches any of these classifiers	
<input type="checkbox"/> Any of these <input type="button" value="Delete"/>	
Trainable classifiers	
Harassment	<input type="button" value="Delete"/>
Profanity	<input type="button" value="Delete"/>
Threat	<input type="button" value="Delete"/>
Adult images	<input type="button" value="Delete"/>
Racy images	<input type="button" value="Delete"/>
Gory images	<input type="button" value="Delete"/>
Add <input type="button" value="Add"/>	

Communication compliance &gt; New policy

- Name
- Users and reviewers
- Locations
- Conditions and percentage**
- Finish

Harassment

- Profanity
- Threat
- Adult images
- Racy images
- Gory images
- Add ▾

OR ▾

Content contains any of these sensitive info types

- Default
- Add ▾
- Sensitive info types

+ Add condition ▾

AND

+ Add condition ▾

Optical character recognition

Extract printed or handwritten text from images for evaluation (preview).

Review percentage

If you want to reduce the amount of content to review, specify a percentage. We'll randomly select the amount of content conditions you chose.

10%

Back Next

## Sensitive info types

[+ Add new](#) Search for Sensitive info types

1 selected

Name	Publisher
Kamakshi_Test_OMGCA	Contoso
Lexicon test 1	Contoso
New INSIDERS lexicon	Contoso
New LEXICON 2	Contoso
Profanities	Contoso
Profanities- keywords dictionary	Contoso
profanity v1	Contoso
Project enigma v2	Contoso
<input checked="" type="checkbox"/> Taboo words	Contoso
test_regex	Contoso
Test2	Contoso
TestSITAshishEscalation	Contoso
Profanity	CC FHL
Targeted Harassment	CC FHL
Bad SIT	BitServer, LLC.

[Add](#)[Cancel](#)

- Home
- Compliance Manager
- Data classification
- Data connectors
- Alerts
- Reports
- Policies
- Permissions

---

- Solutions
- Catalog
- Communication compliance

---

- Settings
- More resources

---

- Customize navigation
- Show all

Communication compliance > Edit Offensive messages

matching specific criteria. [Learn more about these conditions](#)

Name

Users and reviewers

Locations

Conditions and percentage

Finish

**Content matches any of these classifiers**

Any of these  

Trainable classifiers

Targeted Harassment 

Profanity 

Threat 

Adult images 

Racy images 

Add 

OR 

**Content contains any of these sensitive info types**

All of these  

Default

Sensitive info types

Taboo words   Instance count  to  

Add 

Create group

[Back](#) [Next](#) [Cancel](#)



Communication compliance &gt; New policy

- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

Initial

- Adult images
- Racy images
- Gory images
- Add ▾

OR ▾

Content contains any of these sensitive info types

Default Any of these

Sensitive info types

Taboo words High confidence Instance count 1 to Any

Add ▾

Create group

+ Add condition ▾

**AND**

+ Add condition ▾

**Optical character recognition**

Extract printed or handwritten text from images for evaluation (preview).

**Review percentage**

If you want to reduce the amount of content to review, specify a percentage. We'll randomly select the amount of content from the total that matched any conditions you chose.

100%

Back

Next

Cancel



- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## Review and finish

### Name and description

Name  
Analyze MS Teams IM

### Users and reviewers

Supervised users and groups  
AllUsersGroupsOfTenant

### Excluded users and groups

None

### Reviewers

AdeleV@M365x525973.OnMicrosoft.com,AlexW@M365x525973.OnMicrosoft.com,admin@M365x525973.onmicrosoft.com

### Locations

Monitored locations  
Teams

### Conditions and percentage

Communication direction  
Inbound, Outbound, Internal

### Optical character recognition

Enabled

### Conditions

Content matches any of these trainable classifiers: Harassment, Profanity, Threat, Adult images, Racy images, Gory images ; Content contains any of these sensitive info types: Taboo words

Back

Create policy

Cancel



- Name
- Users and reviewers
- Locations
- Conditions and percentage
- Finish

## ✓ Your policy was created

It might take up to 1 hour to activate your policy and up to 24 hours to start identifying communications.

### Next steps

[Monitor policy for matches and items pending review](#)

### Learn more

[Investigate and remediate communication compliance alerts](#)



## Communication compliance

Policies Alerts Reports

+ Create policy Refresh Export policy updates 22 items Search Customize

Policy name	Reviewer	Items pending review	Escalated items	Resolved items	Status	Last modified	Last policy scan
Analyze MS Teams IM	AdeleV@M365x525973.OnMicrosoft.com	0	0	0	Active	Apr 13, 2021 11:15 AM	Scan not available
profanity custom	admin@M365x525973.onmicrosoft.com	2	0	2	Active	Apr 5, 2021 1:34 AM	Apr 13, 2021 6:17 AM
SSN Policy	admin@M365x525973.onmicrosoft.com	5	0	0	Active	Mar 27, 2021 4:03 PM	Apr 13, 2021 4:28 AM
All ML and Custom Dict	admin@M365x525973.onmicrosoft.com	4	0	0	Active	Mar 30, 2021 10:38 AM	Apr 12, 2021 10:49 PM
SSN and Profanity	admin@M365x525973.onmicrosoft.com	1	0	0	Active	Mar 27, 2021 2:23 PM	Apr 13, 2021 4:54 AM
Offense SIT Dict ML	admin@M365x525973.onmicrosoft.com	5	0	0	Active	Mar 26, 2021 12:16 PM	Apr 13, 2021 12:50 AM
Sensitive Info Taboo Only	admin@M365x525973.onmicrosoft.com	17	0	0	Active	Mar 26, 2021 11:38 AM	Apr 13, 2021 1:29 AM
Offensive language ML and SIT - with O...	admin@M365x525973.onmicrosoft.com	8	0	0	Active	Mar 26, 2021 9:15 AM	Apr 13, 2021 4:13 AM
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Offensive language ML and SIT	admin@M365x525973.onmicrosoft.com	7	0	0	Active	Mar 26, 2021 9:37 AM	Apr 13, 2021 5:29 AM
Offensive Language ML Only	admin@M365x525973.onmicrosoft.com	56	0	0	Active	Mar 25, 2021 2:55 PM	Apr 13, 2021 5:57 AM
Test globalized OCR support	admin@M365x525973.onmicrosoft.com	79	0	0	Active	Mar 18, 2021 11:49 AM	Apr 13, 2021 5:58 AM
Conflict of interest	admin@M365x525973.onmicrosoft.com	0	0	0	Active	Feb 4, 2021 9:48 PM	Apr 13, 2021 9:13 AM
Custom Test Policy OL	admin@M365x525973.onmicrosoft.com	1312	1	172	Active	Apr 6, 2021 8:35 AM	Apr 13, 2021 5:26 AM
Adult image detection	AdeleV@M365x525973.OnMicrosoft.com	52	0	0	Active	Aug 10, 2020 10:00 AM	Apr 13, 2021 4:13 AM
Yammer msg only	admin@M365x525973.onmicrosoft.com	18	1	1	Active	Feb 22, 2021 9:46 PM	Apr 13, 2021 3:12 AM
Privacy breach	supervisors@M365x525973.onmicrosoft.com	1904	3	4	Active	Jul 31, 2020 3:23 AM	Apr 13, 2021 5:21 AM
Top secret project	admin@M365x525973.OnMicrosoft.com	465	1	26	Active	Mar 1, 2021 8:04 PM	Apr 13, 2021 4:32 AM

## Monitor communications for conflict of interest

### About this template

Set up a policy to monitor communications between two groups of users across locations like Exchange, Teams, and more. Just choose the two groups whose communications you want to supervise, specify reviewers, and we'll set up the rest.

### Settings we need from you

#### Policy name \*

Conflict of interest

#### Supervised group A \*

 Legal Team  Start typing to find users or groups

#### Supervised group B \*

 Finance Team  Start typing to find users or groups

#### Reviewers \*

 Adele Vance  Start typing to find users

### Settings we've filled in for you

You can change these later. Click 'Customize policy' if you want to configure different settings now.

### Communications to monitor

Monitored locations  Exchange, Teams, Skype for Business, Yammer

### Conditions and percentage

Communication direction  Internal

Percentage to review  100

Create policy

Customize policy

...



## Offensive or threatening language

Overview Pending (183) Resolved (1)

Saved filter queries Save the query

Clear all Filters

Item class: IPM.SkypeTeams.Message

Resolve Tag as Notify Escalate Escalate for investigation Near duplicates (3)

	Subject	Sender	Recipients	Date
		Christophe <a...>	Lee Gu <LeeG...>	Mar 8, 2021 7:48 ...
		Christophe <a...>	Mark 8 Project...	Feb 9, 2021 9:50 ...
		Christophe <a...>	Diego Siciliani...	Feb 9, 2021 9:45 ...
		Christophe <a...>	Lee Gu <LeeG...>	Feb 9, 2021 9:45 ...
		Christophe <a...>	Patti Fernande...	Feb 3, 2021 9:57 ...
		Christophe <a...>	Diego Siciliani...	Feb 3, 2021 9:57 ...
		Christophe <a...>	Christophe Fie...	Feb 3, 2021 6:43 ...
		Christophe <a...>	Diego Siciliani...	Feb 3, 2021 6:32 ...
		Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
		Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
		Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
		Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
		Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...

1 item selected. 61 items total.

Pattern detected. Recently, Christophe sent 3 messages matching this policy's conditions to Lee Gu.

[Summary](#) [Text view](#) [Annotate view](#) [Translate view](#) [User history \(42\)](#)

**Christophe** February 9, 2021, 8:45 PM

Ich werde dich und deine Pflanzen verletzen



## Offensive or threatening language

Overview Pending (183) Resolved (1)

Saved filter queries Save the query

Clear all Filters

Item class: IPM.SkypeTeams.Message

Resolve Tag as Notify Escalate Escalate for investigation Near duplicates (3)

Subject	Sender	Recipients	Date
	Christophe <a...>	Lee Gu <LeeG...>	Mar 8, 2021 7:48 ...
	Christophe <a...>	Mark 8 Project...	Feb 9, 2021 9:50 ...
	Christophe <a...>	Diego Siciliani...	Feb 9, 2021 9:45 ...
	Christophe <a...>	Lee Gu <LeeG...>	Feb 9, 2021 9:45 ...
	Christophe <a...>	Patti Fernande...	Feb 3, 2021 9:57 ...
	Christophe <a...>	Diego Siciliani...	Feb 3, 2021 9:57 ...
	Christophe <a...>	Christophe Fie...	Feb 3, 2021 6:43 ...
	Christophe <a...>	Diego Siciliani...	Feb 3, 2021 6:32 ...
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:3...

1 item selected. 61 items total.

Pattern detected. Recently, Christophe sent 3 messages matching this policy's conditions to Lee Gu.

Summary Text view Annotate view **Translate view** User history (42)

1  
2 I will hurt you and your plants  
3  
4



## Near duplicates

### Offensive or threatening language

Overview Pending (183) Resolved (1)

Saved filter queries Save the query

Item class: IPM.SkypeTeams.Message

Resolve Tag as Notify Escalate

Subject



1 item selected. 61 items total.

Filter

Filters

Resolve Notify Escalate Download

Subject	Sender	Recipients	Date
Re:	Christophe <...	Lee Gu <LeeG...>	Thu, 11 Mar 202...
	Christophe <a...>	Lee Gu <LeeG...>	Wed, 10 Feb 202...
mIDE	Christophe <a...>	Adele Vance <...>	Tue, 09 Feb 2021...

Re:

Source view Text view Annotate view

**From:** Christophe <admin@M365x462457.onmicrosoft.com> on behalf of Christophe  
**Sent on:** Thursday, March 11, 2021 10:03:40 PM  
**To:** Lee Gu <LeeG@M365x462457.OnMicrosoft.com>  
**Subject:** Re:

Ich werde dich und deine Pflanzen verletzen

Resolve

Notify

...

1 item selected. 3 items total.

Close





## Offensive messages

[Overview](#) [Pending \(327\)](#) [Resolved \(110\)](#)Saved filter queries [Save the query](#) [Reset](#) [Filters](#)

Item class: Any

Subject	Sender	Recipients	Date
Money Stuff: Libor Is Going Away for Real	Matt Levine <nore...>	leeg@m365x52597...	Mar 8, 2021 10:28 ...
SANS NewsBites Vol. 23 Num. 018 : HAFNIUM Active...>	SANS NewsBites <...>	leeg@m365x52597...	Mar 5, 2021 3:04 PM
c2	Christophe Fiessing...	Megan Bowen <M...>	Mar 3, 2021 4:06 PM
	Christophe Fiessing...	Patti Fernandez <P...>	Mar 3, 2021 4:06 PM
	Christophe Fiessing...	Diego Siciliani <Di...>	Mar 3, 2021 4:04 PM
0-wus-d3-755a532739a21b3626b489df6eece1bd.jpg	Christophe Fiessing...	Diego Siciliani <Di...>	Mar 3, 2021 4:04 PM
c	Christophe Fiessing...	Lynne Robbins <Ly...>	Mar 2, 2021 2:23 PM
	Christophe Fiessing...	Lynne Robbins <Ly...>	Mar 2, 2021 2:22 PM
	Christophe Fiessing...	Lynne Robbins <Ly...>	Mar 2, 2021 2:22 PM
AA	Christophe Fiessing...	Lee Gu <LeeG@M3...>	Mar 1, 2021 10:02 ...
Powell Was Just Gloomy Enough to Make Stocks Happy	John Authers <nore...>	leeg@m365x52597...	Feb 23, 2021 11:41 ...

0-wus-d3-755a532739a21b3626b489df6eece1bd.jpg

[Source view](#) [Metadata](#)



[Resolve](#) [Automate](#) [Show Translate view](#)

## Offensive or threatening language

Overview Pending (183) Resolved (1)

Saved filter queries Save the query

Clear all Filters

Item class: IPM.SkypeTeams.Message

Resolve Tag as Notify Escalate Escalate for investigation Near duplicates (3)

Subject	Sender	Recipients	Date
	Christophe <a...>	MARK 8 Project...	Mar 8, 2021 12:00 PM
	Christophe <a...>	Patti Fernande...	Mar 8, 2021 7:49 AM
	Christophe <a...>	Lee Gu <LeeG...	Mar 8, 2021 7:48 AM
	Christophe <a...>	Mark 8 Project...	Feb 9, 2021 9:50 AM
	Christophe <a...>	Diego Siciliani...	Feb 9, 2021 9:45 AM
<input checked="" type="checkbox"/>	Christophe <a...>	Lee Gu <LeeG...	Feb 9, 2021 9:45 AM
	Christophe <a...>	Patti Fernande...	Feb 3, 2021 9:57 AM
	Christophe <a...>	Diego Siciliani...	Feb 3, 2021 9:57 AM
	Christophe <a...>	Christophe Fie...	Feb 3, 2021 6:43 AM
	Christophe <a...>	Diego Siciliani...	Feb 3, 2021 6:32 AM
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:30 PM
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:30 PM
	Christophe <a...>	Diego Siciliani...	Jan 27, 2021 12:30 PM

Pattern detected. Recently, Christophe sent 3 messages matching this policy's conditions to Lee Gu.

Summary Text view Annotate view Translate view User history (50)



Christophe

### Recent policy matches and remediation actions

Policy matches **3** Remediation actions **47**

Apr 5, 2021 6:06 PM  
**Policy match in Teams message**

Apr 5, 2021 5:56 PM  
**Policy match in Email "MLFP1"**

Mar 25, 2021 2:34 PM  
**Policy match in Teams message**

Mar 5, 2021 9:39 AM  
**Adult images: Message removed from Teams**  
by Christophe





## Offensive language

Overview Pending (61) Resolved (3)

Saved filter queries

Item class: IPM.SkypeTeams.Message

✓ Resolve ⚡ Tag as ➤ Notify 📲 Escalate 🗞 Escalate for investigation



Summary Text view Annotate view User history (7)

False positive

Remove message in Teams

View message details

Download

View item history

Group by family

## Policy matches and remediation actions in the last 30 days

3

Policy matches

Remediation actions

4

Aug 31, 2020 6:25 PM

Insiders: Created an eDiscovery Case

by MOD Administrator

Aug 31, 2020 6:25 PM

Insiders: Created an eDiscovery Case

by MOD Administrator

Aug 31, 2020 6:25 PM

Insiders: Created an eDiscovery Case

by MOD Administrator

Aug 31, 2020 6:24 PM

Insiders: Escalated

Resolve

Tag as

...

1 item selected. 39 items total.

## Remove these messages from Teams

The message will be replaced with a policy tip explaining that it was removed due to sensitive content. Senders and recipients will see the tip, including a link to learn more.

Remove messages

Cancel



## Offensive language

Overview Pending (61) Resolved (3)

Saved filter queries

Item class: IPM.SkypeTeams.Message

 Resolve Tag as Notify Escalate Escalate for investigation

...

Summary

Text view

Annotate view

User history (7)

False positive

Remove message in Teams

View message details

Download

View item history

Group by family

Policy matches and remediation actions in the last 30 days

3

Remediation actions

4

Aug 31, 2020 6:25 PM

**Insiders: Created an eDiscovery Case**

by MOD Administrator

Aug 31, 2020 6:25 PM

**Insiders: Created an eDiscovery Case**

by MOD Administrator

Aug 31, 2020 6:25 PM

**Insiders: Created an eDiscovery Case**

by MOD Administrator

Aug 31, 2020 6:24 PM

**Insiders: Escalated**

Resolve

Tag as

...

1 item selected. 39 items total.

## Remove these messages from Teams

## Messages have been removed

The sender and recipient should see the messages removed from Teams right away.

Close

Chat



Megan Bowen Chat Files Organization Activity +



8+

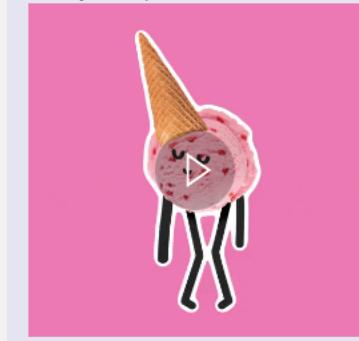
Recent

- Allan Deyoung 11:44 AM
- Lee Gu 10:34 AM  
You: you're so dumb
- Patti Fernandez 10:33 AM  
You: I'm going to jump off the roof
- Miriam Graham 9:38 AM  
You: how can you be so dumb and stupid
- Megan Bowen 9:26 AM  
You: I hate you, stupid! GIF

Today

8/27 5:38 PM  
you're so dumb

🚫 This message was blocked. What can I do?  
i'll hurt you

9:26 AM  
I hate you, stupid!

Type a new message





**Chat** ▾



## Grady Archie

Chat Files Organization Activity -



80+

▼ Recent



9:26 AM



Grady Archie 8/27 5:38 P  
you're so dumb

 This message was blocked due to organization policy. [What's this?](#)

Today



Grady Archie 9:26 AM  
I hate you, stupid!



Type a new message





## Adult images

Overview Pending (8) Resolved (0)

✓ Resolve ⚡ Tag as ➤ Notify 📲 Escalate 🗂 Escalate for investigation ⋮

Subject	Sender	Recipients	Date
acs3	Grady Archie ...	Allan Deyoun...	Aug 31, 2020 11:...
acs3	Grady Archie ...	Allan Deyoun...	Aug 31, 2020 11:...
acs2	Grady Archie ...	Lee Gu <LeeG...	Aug 31, 2020 11:...
acs1	Grady Archie ...	Lee Gu <LeeG...	Aug 31, 2020 11:...

1 item selected. 8 items total.

⚠ Pattern detected. In the past 30 days, Grady Archie sent 2 messages matching this policy's conditions to Allan Deyoung.

Summary Text view Annotate view User history (2)

 **Grady Archie** August 31, 2020, 11:44 AM ⋮  
IMG\_20161012\_074007\_734.jpg

Resolve Tag as ⋮

## Offensive language

Overview Pending (12) Resolved (0)

Subject	Sender	Recipients	Date
MOD Adminis...	Patti Fernande...	Aug 27, 2020	
MOD Adminis...	Patti Fernande...	Aug 27, 2020	
MOD Adminis...	Mark 8 Project...	Aug 27, 2020	
MOD Adminis...	Digital Initiativ...	Aug 27, 2020	
MOD Adminis...	Sales and Mar...	Aug 27, 2020	
MOD Adminis...	Alex Wilber <...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
Test	Allan Deyoun...	Aug 27, 2020 5:2...	

1 item selected. 12 items total.

...

Resolve Tag as ...

Summary Text view Annotate view User history (0)

False positive Remove message in Teams Power Automate View message details Improve classification Download View item history Group by family

Administrator August 27, 2020, 5:30 PM ↻  
athetic and dumb

Administrator August 27, 2020, 5:30 PM ↻  
oe\_Half\_Arm\_34\_86469.jpeg

Communication compliance > Policies > Offensive language

## Offensive language

Overview Pending (12) Resolved (0)

Subject	Sender	Recipients	Date
MOD Adminis...	Patti Fernande...	Aug 27, 2020	
MOD Adminis...	Patti Fernande...	Aug 27, 2020	
MOD Adminis...	Mark 8 Project...	Aug 27, 2020	
MOD Adminis...	Digital Initiativ...	Aug 27, 2020	
MOD Adminis...	Sales and Mar...	Aug 27, 2020	
MOD Adminis...	Alex Wilber <...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
Test	MOD Adminis...	Allan Deyoun...	Aug 27, 2020 5:2...

1 item selected. 12 items total.

...

Resolve Tag as ...

False positive  
Remove message in Teams  
Power Automate  
View message details  
Improve classification  
Download  
View item history  
Group by family

Administrator August 27, 2020, 5:30 PM ↻  
athetic and dumb

Administrator August 27, 2020, 5:30 PM ↻  
oe\_Half\_Arm\_34\_86469.jpeg

## Execute a Power Automate flow

Run flow Manage

+ New

Search

### Flows

My flows Team flows UI flows Drafts

Name	Modi...	Type
CC notify manager test template	3 min ago	Instant
CC notify manager through teams	1 mo ago	Instant

### Unknown templates you might like

CC notify manager test template  
By Microsoft

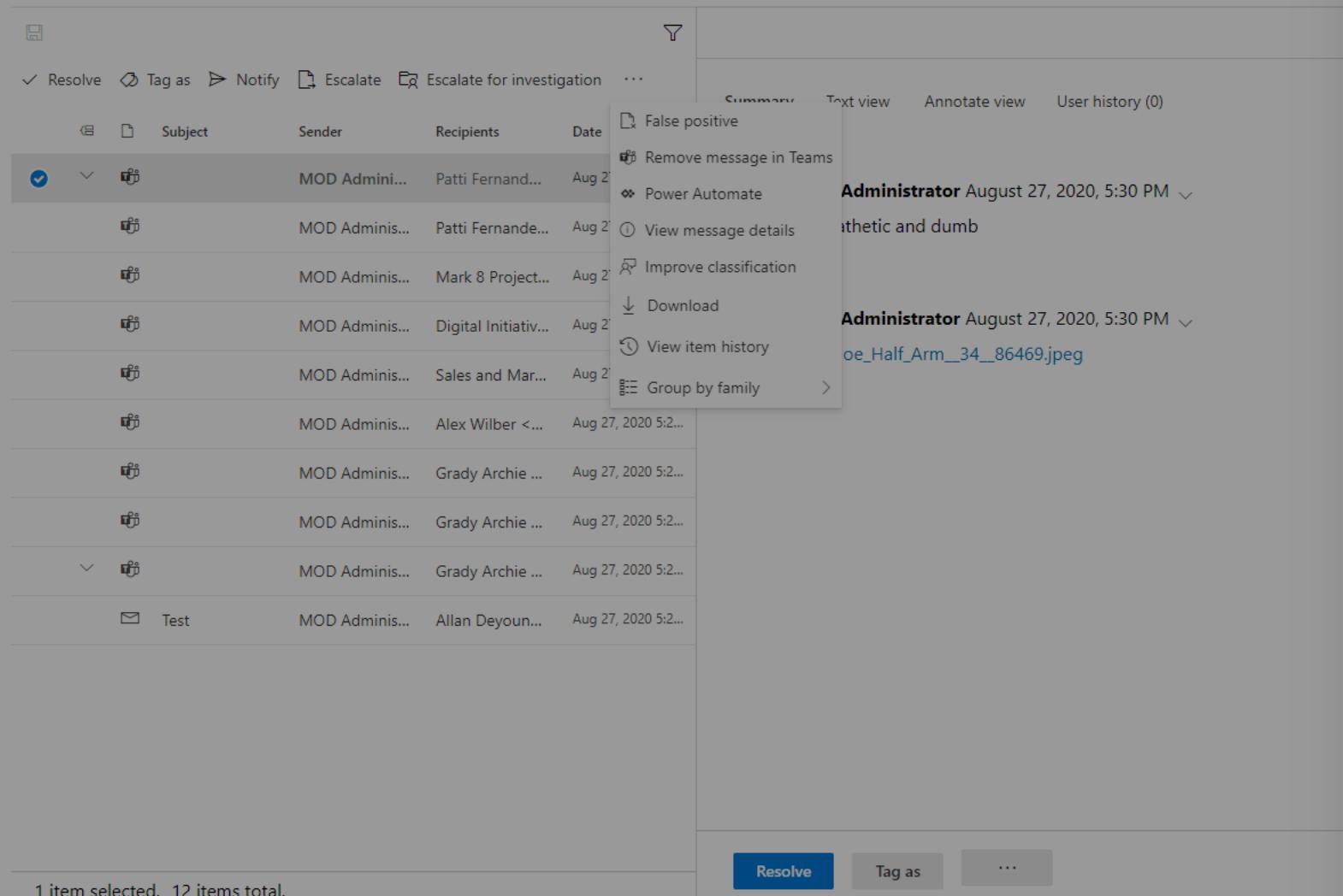
Instant 8

Cancel

Communication compliance > Policies > Offensive languag

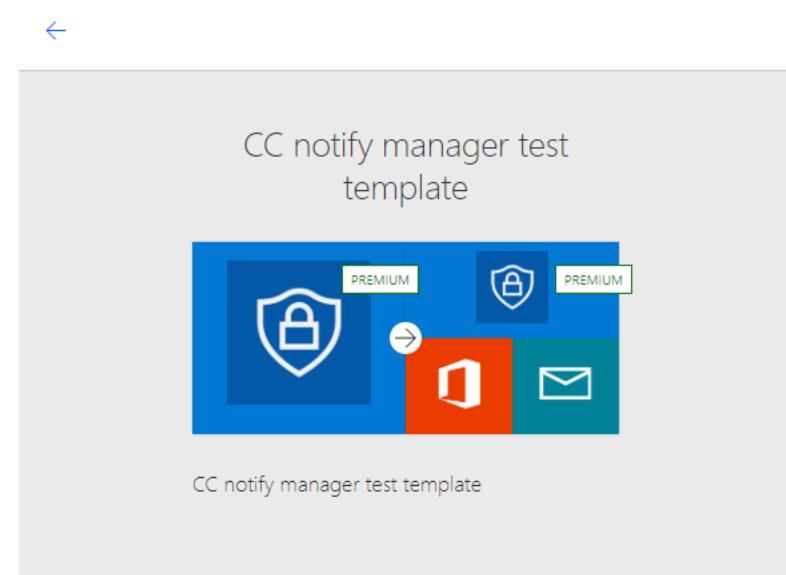
## Offensive language

[Overview](#)    [Pending \(12\)](#)    [Resolved \(0\)](#)



## Execute a Power Automate flow

▶ Run flow ▼  Manage



This flow will connect to:

	Microsoft 365 compliance	admin@M365x65006...		...
	Office 365 Users <a href="#">Permissions</a>	admin@M365x65006...		...
	Mail	Mail		...

**Continue**

Cancel

Communication compliance > Policies > Offensive language

## Offensive language

Overview Pending (12) Resolved (0)

Subject	Sender	Recipients	Date
MOD Adminis...	Patti Fernand...	Aug 27, 2020	
MOD Adminis...	Patti Fernande...	Aug 27, 2020	
MOD Adminis...	Mark 8 Project...	Aug 27, 2020	
MOD Adminis...	Digital Initiativ...	Aug 27, 2020	
MOD Adminis...	Sales and Mar...	Aug 27, 2020	
MOD Adminis...	Alex Wilber <...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
Test	MOD Adminis...	Allan Deyoun...	Aug 27, 2020 5:2...

1 item selected. 12 items total.

Actions: Resolve, Tag as, Notify, Escalate, Escalate for investigation, ...

Summary, Text view, Annotate view, User history (0)

False positive, Remove message in Teams, Power Automate, View message details, Improve classification, Download, View item history, Group by family

Administrator August 27, 2020, 5:30 PM ↻  
sophisticated and dumb

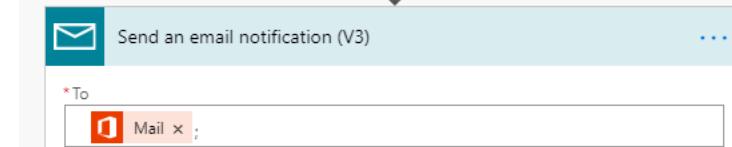
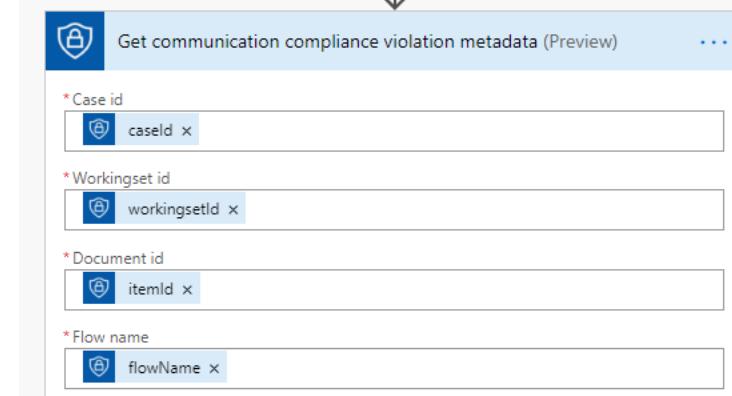
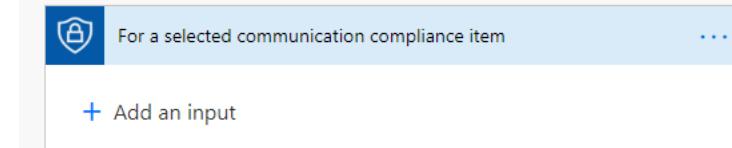
Administrator August 27, 2020, 5:30 PM ↻  
oe\_Half\_Arm\_34\_86469.jpeg

Resolve Tag as ...

## Execute a Power Automate flow

Run flow Manage

CC notify manager test template



Cancel

Communication compliance > Policies > Offensive language

## Offensive language

Overview Pending (12) Resolved (0)

Subject	Sender	Recipients	Date
MOD Adminis...	Patti Fernand...	Aug 27, 2020	
MOD Adminis...	Patti Fernande...	Aug 27, 2020	
MOD Adminis...	Mark 8 Project...	Aug 27, 2020	
MOD Adminis...	Digital Initiativ...	Aug 27, 2020	
MOD Adminis...	Sales and Mar...	Aug 27, 2020	
MOD Adminis...	Alex Wilber <...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
MOD Adminis...	Grady Archie ...	Aug 27, 2020 5:2...	
Test	MOD Adminis...	Allan Deyoun...	Aug 27, 2020 5:2...

1 item selected. 12 items total.

...

Resolve Tag as ...

False positive  
Remove message in Teams  
Power Automate  
View message details  
Improve classification  
Download  
View item history  
Group by family

Administrator August 27, 2020, 5:30 PM ↻  
athetic and dumb

Administrator August 27, 2020, 5:30 PM ↻  
oe\_Half\_Arm\_34\_86469.jpeg

## Execute a Power Automate flow

Run flow Manage

+ New

Flows

My flows

Team flows

UI flow

Name



CC notify manager



CC notify manager

Unknown templates you might like



CC notify manager test template  
By Microsoft

Instant

This flow uses Microsoft 365 compliance, Office 365 Users, and Mail.  
[Review connections and actions](#)

Run flow

Cancel

Cancel

- Home
- Compliance score
- Data classification
- Data connectors
- Alerts
- Solutions
  - Communication compliance
  - eDiscovery
  - Insider risk management
- Settings
- More resources
- Customize navigation
- Show all

## Communication compliance

[Communication compliance settings](#) [Remove from navigation](#)[Policies](#) [Alerts](#) [Reports](#)[+ Create policy](#)   Export policy updates 8 items 

Policy name	Reviewer	Items pending revi...	Escalated items	Resolved items	Status	Last modified
ThirdParty Whatsapp OL	AdeleV@M365x462457.OnMicrosoft.com, ...	0	0	0	Active	Aug 30, 2020 11:02...
ThridParty Whatsapp	AdeleV@M365x462457.OnMicrosoft.com, ...	0	0	0	Active	Aug 30, 2020 10:58...
Adult images	admin@M365x462457.onmicrosoft.com, ...	0	0	0	Active	Aug 27, 2020 5:43 ...
Yammer msgs only	AdeleV@M365x462457.OnMicrosoft.com, ...	11	0	0	Active	Aug 7, 2020 4:49 PM
Confidential project	AdeleV@M365x462457.OnMicrosoft.com, ...	0	0	0	Active	Aug 31, 2020 12:03...
Teams msgs only	admin@M365x462457.onmicrosoft.com, ...	230	11	0	Active	Aug 7, 2020 5:08 PM
Insiders	admin@M365x462457.OnMicrosoft.com, ...	62	3	2	Active	Aug 31, 2020 11:36...
Offensive language	admin@M365x462457.OnMicrosoft.com, ...	61	1	3	Active	Aug 31, 2020 2:17 ...

### Recommended policies

**Monitor for offensive language**

Add a policy that uses Microsoft's machine learning model for abusive and offensive language to find and prevent instances of harassment in your organization.

[View](#)**Monitor for sensitive info**

Add a policy that monitors communications containing sensitive information to help prevent unauthorized leaks.

[View](#)**Monitor for financial regulatory compliance**

Add a policy that monitors communications that might contain info related to insider trading.

[View](#)



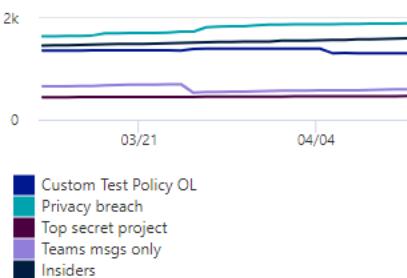
## Communication compliance

Communication compliance settings Learn more Remove from navigation

Policies Alerts Reports Reports

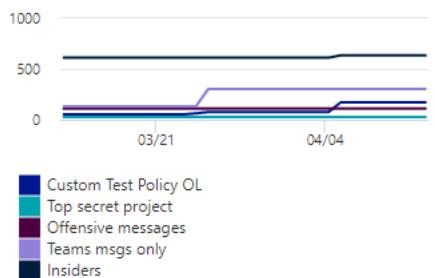
### Recent policy matches

Last 30 days, updated 12:32 PM today



### Resolved items by policy

Last 30 days, updated 12:32 PM today



### Policies with most matches

Updated 12:32 pm today

Policy name	Total matches
Privacy breach	1904
Insiders	1604
Custom Test Policy OL	1312

### Users with most policy matches

Last 30 days, updated 12:32 PM today

Display name	Matches
Christophe Fiessinger	191
RSS	74
Christophe Fiessinger in Tea...	35

### Escalations by policy

Last 30 days, updated 12:32 PM today

Policy	Escalations
Insiders	14
Offensive messages	9
Privacy breach	3
Custom Test Policy OL	1

### Detailed reports (4)

#### Policy settings and status

Review and export policy details like configuration settings, status, total matches, items reviewed or pending review, and more.

[View details](#)

#### Items and actions per policy

Review and export matching items and remediation actions per policy.

[View details](#)

#### Items and actions per location

Review and export matching items and remediation actions per Microsoft 365 location.

[View details](#)



[Export](#) [Refresh](#)

Policy name	Users or groups	Locations	Conditions	Review Percentage	Reviewers
Analyze MS Teams IM	AllUsersGroupsOfTenant	TeamsChats	3 conditions ⓘ	100	Adele
profanity custom	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	2 conditions ⓘ	100	admin
SSN Policy	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	2 conditions ⓘ	100	admin
All ML and Custom Dict	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
SSN and Profanity	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
Offense SIT Dict ML	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
Sensitive Info Taboo Only	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	2 conditions ⓘ	100	admin
Offensive language ML and SIT ...	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
Offensive Language Non-Ocr	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
Offensive language ML and SIT	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
Offensive Language ML Only	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	2 conditions ⓘ	100	admin
Test globalized OCR support	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer	3 conditions ⓘ	100	admin
Conflict of interest	FinanceTeam@M365x525973.OnMicrosoft.com, SalesTea...	Exchange, TeamsChats, SkypeForBusiness, Yammer	1 conditions ⓘ	100	admin
Custom Test Policy OL	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer, Bloo...	2 conditions ⓘ	100	admin
Adult image detection	AllUsersGroupsOfTenant	Exchange, TeamsChats, SkypeForBusiness, Yammer, Bloo...	2 conditions ⓘ	100	Adele
Yammer msg only	AllUsersGroupsOfTenant	Yammer	1 conditions ⓘ	100	admin
Privacy breach	Employees@M365x525973.OnMicrosoft.com	Exchange, TeamsChats, SkypeForBusiness, Bloomberg	2 conditions ⓘ	100	super
Top secret project	Employees@M365x525973.OnMicrosoft.com, SalesAndM...	Exchange, TeamsChats, SkypeForBusiness, Yammer, Bloo...	2 conditions ⓘ	100	admin
Instant Bloomberg ONLY	Employees@M365x525973.OnMicrosoft.com, admin@M...	Bloomberg	1 conditions ⓘ	100	admin

## Customize columns

Select columns

- Policy name
- Users or groups
- Locations
- Conditions
- Review Percentage
- Reviewers
- Status
- Items matched
- Items pending review
- Escalated items
- Resolved items
- Last modified

[Apply](#)[Cancel](#)

## Communication compliance &gt; Reports &gt; Items and actions per policy

[Export](#) 18 items [Customize columns](#)

Filters: Choose a date range: 2/13/2021-4/13/2021

Policy name	Policy Id	Items matched	Escalated items	Resolved items	Compliant	Non-Compliant	Questionable	Items pending review	User notified	Case created
Privacy breach	c05a4628-3991-4940-a959-47ed14fea028	47	0	0	0	0	0	47	0	0
Top secret project	6038cea2-c731-4925-a774-420af7607daa	59	0	0	0	0	0	59	0	0
Insiders	e97deed4-68af-4acb-9c04-38a020a2602c	301	0	1	0	0	0	300	1	1
Teams msgs only	e11ba14e-7890-4b1b-bc98-c1440a93326f	132	0	109	0	0	0	23	0	0
Custom Test Policy OL	e3db73fe-a7ca-451d-933f-2bd3fcbb30ec6	11	0	20	0	0	0	0	2	0
Offensive messages	0baae255-c7a3-4280-a944-82dcd9bf1c72	73	0	0	0	0	0	73	0	0
Yammer msg only	6ac6be81-1029-4513-8f1c-37e489464e53	5	0	0	0	0	0	5	0	0
Adult image detection	b7e21fd5-ba8a-45d2-8df7-d451853e71c5	3	0	0	0	0	0	3	0	0
Test globalized OCR support	088848d6-67ef-49b1-ab17-a2aafbddde80	7	0	0	0	0	0	7	0	0
Offensive language ML and SIT - with OCR	61bb3833-2e75-41ea-97f4-f28bc2480898	8	0	0	0	0	0	8	0	0
Offensive language ML and SIT	68aa391e-df34-4689-9940-3708a4763cbe	6	0	0	0	0	0	6	0	0
Offense SIT Dict ML	857393b5-35d2-4601-8bd4-e1e065ba07e7	4	0	0	0	0	0	4	0	0
Sensitive Info Taboo Only	2c2437fc-bdf7-4e6d-80c2-cb2e96cbcddc	17	0	0	0	0	0	17	0	0
Offensive Language Non-Ocr	53b059a6-0450-47a2-82b0-13af142398c9	4	0	0	0	0	0	4	0	0
Offensive Language ML Only	c7395475-2c9a-49a9-834e-0dc06ad35c6e	1	0	0	0	0	0	1	0	0
All ML and Custom Dict	79a1397f-b0be-4bd0-bd93-08336abac11f	4	0	0	0	0	0	4	0	0
SSN Policy	6fcfa2cb-9824-4688-9ddc-1daa2787e78b	5	0	0	0	0	0	5	0	0
profanity custom	a2d3c3a2-5f1c-4edf-855c-f64889955f79	4	0	2	0	0	0	2	0	0





- ≡
- Home
- Communication compliance
- Reports
- Activity by user

## Communication compliance &gt; Reports &gt; Activity by user

[Export](#)21 items [Customize columns](#)

Filters: Choose a date range: 2/13/2021-4/13/2021

User	Items pending review	Resolved items	Compliant	Non-Compliant	Questionable	User notified	Escalated items	Case created
noreply@mail.bloombergbusiness.com	142	2	0	1	0	0	0	0
RSS@teams.microsoft.com	84	69	0	0	0	2	0	0
noreply@mail.bloombergview.com	139	3	0	0	0	0	0	0
sans@email.sans.org	17	0	0	0	0	0	0	0
consensussecurityvulnerabilityalert@email.sans.org	10	0	0	0	0	0	0	0
no-reply@microsoft.com	4	0	0	0	0	0	0	0
noreply@email.teams.microsoft.com	64	5	0	0	0	0	0	0
admin@M365x525973.onmicrosoft.com	225	80	0	0	0	1	0	0
notifications+3pjurw3f@yammer.com	1	0	0	0	0	0	0	0
notifications+qod3y4ug@yammer.com	1	0	0	0	0	0	0	0
notifications+1bwnzoa8@yammer.com	1	0	0	0	0	0	0	0
mcc365@microsoft.com	38	0	0	0	0	0	0	0
newsbites@email.sans.org	6	1	0	0	0	0	0	0
LSpitzner@email.sans.org	1	1	0	0	0	0	0	0
power automate@email2.microsoft.com	1	0	0	0	0	0	0	0
flow-noreply@microsoft.com	2	0	0	0	0	0	0	0
postmaster@M365x525973.onmicrosoft.com	1	0	0	0	0	0	0	0
admin@M365x462457.onmicrosoft.com	0	1	0	0	0	0	0	0
azure-noreply@microsoft.com	0	4	0	0	0	0	0	0



# Phases & actions

## CONFIGURE



### Create & tune policies

- Pre-configured playbooks
- Custom policy creation
- Power Automate flow

### Audit

- Alerts
- Productivity reports
- Audit

## INVESTIGATE



### Identify violations

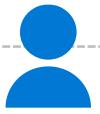
- Tag and comment
- Document review
- User history

## REMEDIATE



### Resolve violations

- Resolve
- Notify
- Escalate
- Remove message from Teams
- Compliance solution handoff



# Communication Compliance

Identify risky communications that violate regulatory compliance and code of conduct policies

Enrich with additional solutions:



## Data loss prevention

**Alerts:** Inform DLP policies based on recent Communication Compliance violations



## Information protection

**Enrichment:** Expand Information Protection labels and built-in sensitive data types based on custom SITs



## Insider Risk Management

**Sentiment analysis:** Identify a user as higher risk based on recent communication patterns

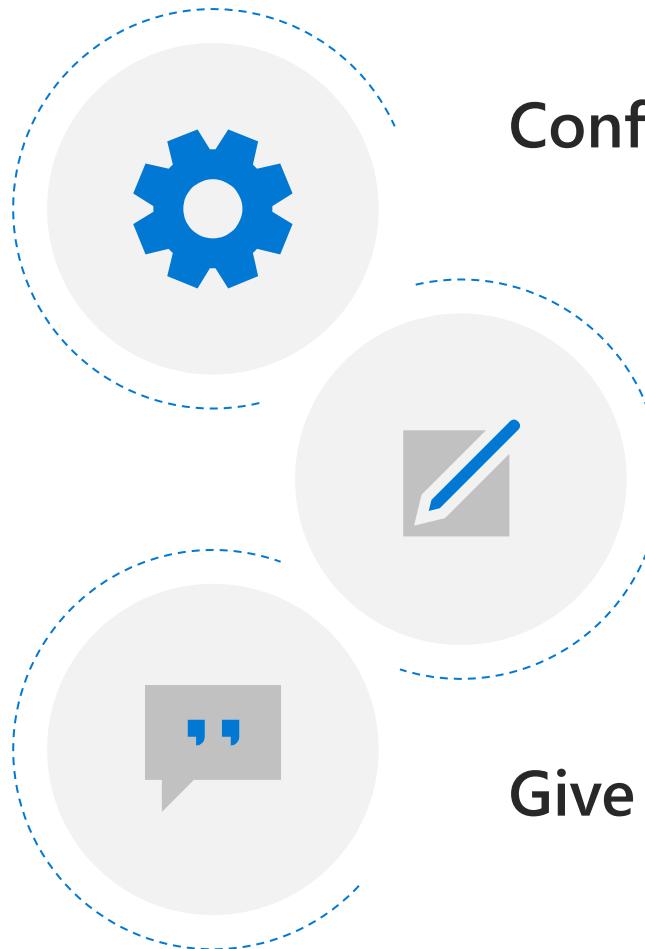


## Advanced eDiscovery

**Legal collaboration:** Escalate policy violations via seamless investigation handoff

The screenshot displays the Microsoft 365 compliance interface. On the left, the 'Microsoft 365 compliance' navigation pane includes links for Home, Compliance score, Data classification, Alerts, Reports, Policies, and Permissions. The main area shows 'Recent cases' with a summary: Case ID: A123, Last modified: Oct 12, 2019 8:08 AM, Status: Active, and Case name: Advanced eDiscovery. It also shows 'Your cases' with 10 Cases. A modal window titled 'Escalate for investigation' is open, prompting the user to 'Create an Advanced eDiscovery case for this user and notify any admins who have the eDiscovery Manager and eDiscovery Administrators roles assigned.' The 'Name' field is populated with 'Case B84'. Below this, there are sections for 'eDiscovery', 'Information governance', 'Information protection', and 'Insider risk management'. On the right, a preview of the document 'Project Obsidian Spec.docx' is shown, titled 'Project Obsidian' with the subtitle 'Updated Engine Chip Design' and a note from 'Automated Car Team' dated 'October 21, 2019'. The document contains a technical diagram of an engine chip design.

# Communication Compliance next steps



Configure policies

Investigate & remediate messages

Give us feedback

## Key resources

Ignite sessions	<a href="https://aka.ms/VideoHub/InsiderRiskManagement">aka.ms/VideoHub/InsiderRiskManagement</a>
Documentation	<a href="https://aka.ms/CommunicationCompliance">aka.ms/CommunicationCompliance</a>
Latest announcement	<a href="https://aka.ms/ccrsa2021">aka.ms/ccrsa2021</a>
Start a trial	<a href="#">Microsoft 365 E5 trial</a>
Roadmap	<a href="https://office.com/roadmap">office.com/roadmap</a>



## Data Connectors

Bring in 3P data & create value  
with M365 Compliance solutions

# Data connectors

Bring in non-Microsoft data and benefit from Microsoft compliance value



## One catalog for all connectors

Discover connectors built by Microsoft and partners (TeleMessage and Veritas) in one place



## Simplified deployment and monitoring

Few clicks to setup data import for most connectors\*\*



## Data available for all compliance solutions

Hi-fidelity data ingestion available for all compliance solutions



## Built-in connectors for various categories

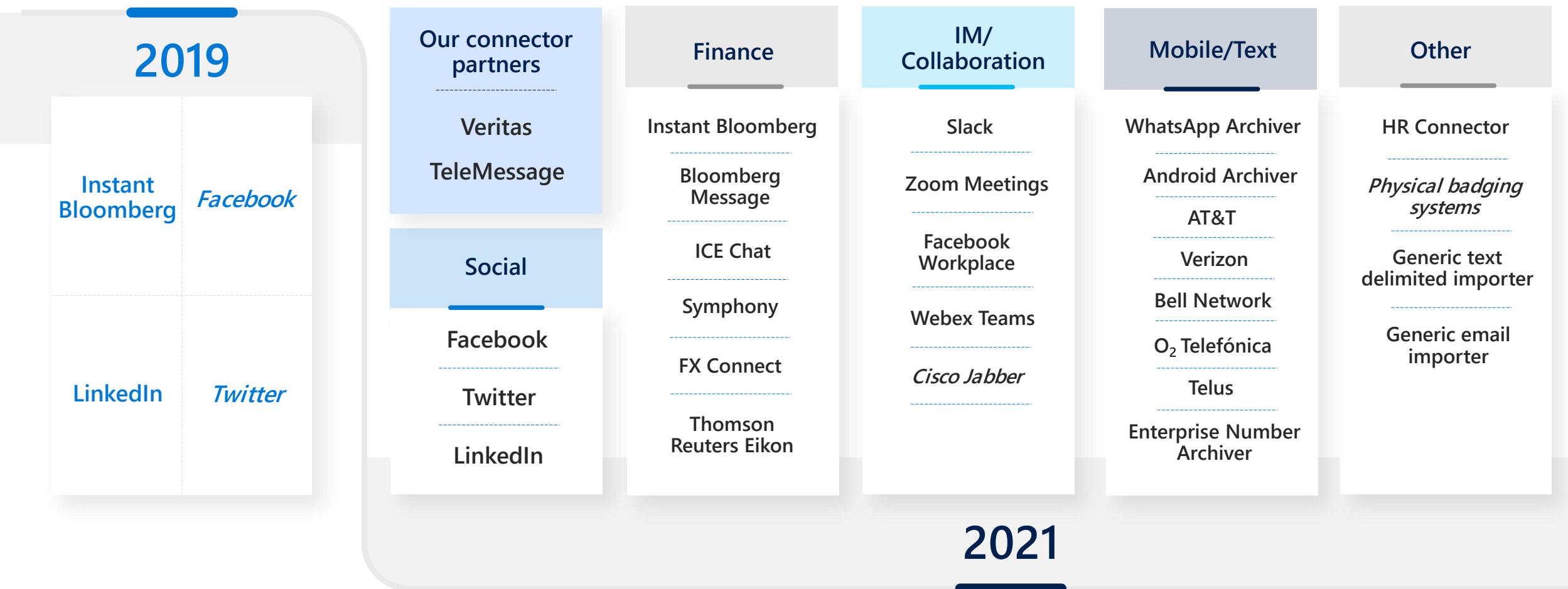
41 built-in connectors including Bloomberg Message, Slack eDiscovery, Zoom Meetings, Webex, Twitter etc.

The screenshot shows the Microsoft Data Connectors interface. On the left is a dark sidebar with white text and icons, listing various features: Home, Compliance Manager, Data classification, Data connectors (which is selected and highlighted in blue), Alerts, Reports, Policies, and Permissions. Below this is a Solutions section with Catalog, Audit, Content search, Communication compliance, Data loss prevention, Data subject requests, eDiscovery, Information governance, Information protection, Insider risk management, Records management, and Settings. To the right of the sidebar is a main content area with a title 'Data connectors' and a sub-section 'Connect to your data sources: Connectors help you connect your important data sources to your compliance solutions. Learn more'. It includes a note: 'Don't see the connector you're looking for? Leave feedback letting us know what connector you need.' At the bottom of the content area, there's a table with columns for 'Connector name', 'Description', and 'Published'. The table lists 51 items, with the first few rows shown:

Connector name	Description	Published
Android Archiver	A lightweight agent runs in the background and records all Andro...	By TeleMessage
AT&T SMS/MMS Network Archiver	Integrated with the AT&T and FirstNet mobile networks. Get a cop...	By TeleMessage
Bell SMS/MMS Network Archiver	Integrated with the Bell mobile network. Get a copy of employee ...	By TeleMessage
Bloomberg Message	Connecting to your Bloomberg Message data is valuable for com...	By Microsoft
CellTrust	Connecting to your CellTrust data is valuable for communication ...	By Veritas Technologies
Cisco Jabber on MS SQL	Connecting to your Cisco Jabber on MS SQL data is valuable for c...	By Veritas Technologies
Cisco Jabber on Oracle (preview)	Connecting to your Cisco Jabber on Oracle data is valuable for inf...	By Veritas Technologies
Cisco Jabber on PostgreSQL (preview)	Connecting to your Cisco Jabber on PostgreSQL data is valuable f...	By Veritas Technologies
EML	Connecting to your EML data is valuable for communication comp...	By Veritas Technologies
Enterprise Number Archiver	Provides employees with a business number associated with an a...	By TeleMessage
Facebook business pages (preview)	Connecting to your Facebook data is valuable for records manag...	Open Source
FX Connect	Connecting to your FX Connect data is valuable for communicatio...	By Veritas Technologies
HR	Connect to your organization's HR data so you can detect and inv...	By Microsoft
ICE Chat	Connecting to your ICE Chat data is valuable for communication ...	By Microsoft

\*\* Connectors by third party vendors requires purchasing the subscription directly with the vendor before deployment.

# 41 pre-built connectors available in Microsoft 365 compliance center

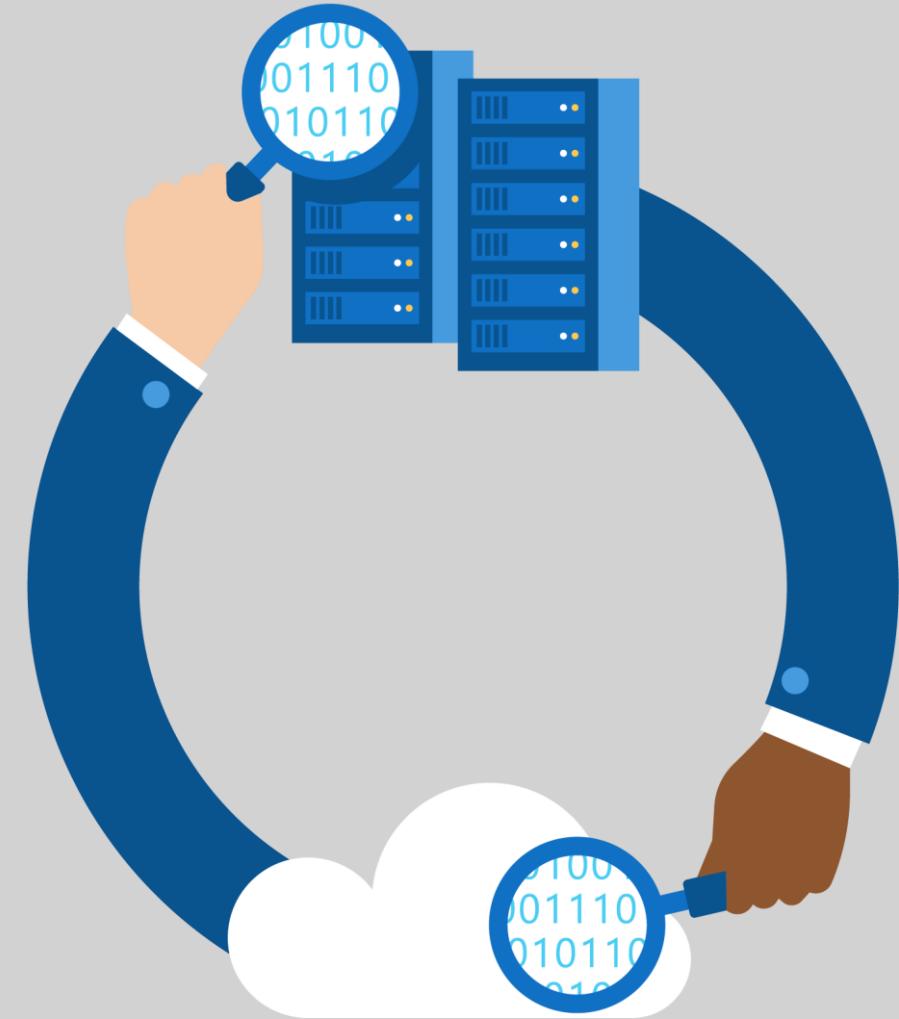


\*Pre-built data connectors include connectors built by Microsoft and by partners - TeleMessage and Veritas. Except for TeleMessage and Veritas, Microsoft does not have direct relationships with the data source companies in bringing these data connectors to the platform.

Facebook, Twitter, Physical Badging and Cisco Jabber on PostgreSQL/Oracle are in public preview now.

# Data Connectors

Demo





- Home
  - Compliance Manager
  - Data classification
  - Data connectors
  - Alerts
  - Reports
  - Policies
  - Permissions
- 
- Solutions
  - Catalog
  - Audit
  - Content search
  - Communication compliance
  - Data loss prevention
  - Data subject requests
  - eDiscovery
  - Information governance
  - Information protection
  - Insider risk management
  - Records management
- 
- Settings

# Data connectors

Overview Connectors

Connect to your data sources: Connectors help you connect your important data sources to your compliance solutions. [Learn more](#)

Don't see the connector you're looking for? [Leave feedback](#) letting us know what connector you need.

51 items Filter Search

Connector name	Description	Published	Category
Android Archiver	A lightweight agent runs in the background and records all Andro...	By TeleMessage	Instant Messaging
AT&T SMS/MMS Network Archiver	Integrated with the AT&T and FirstNet mobile networks. Get a cop...	By TeleMessage	Instant Messaging
Bell SMS/MMS Network Archiver	Integrated with the Bell mobile network. Get a copy of employee ...	By TeleMessage	Instant Messaging
Bloomberg Message	Connecting to your Bloomberg Message data is valuable for com...	By Microsoft	Mail
CellTrust	Connecting to your CellTrust data is valuable for communication c...	By Veritas Technologies	Instant Messaging
Cisco Jabber on MS SQL	Connecting to your Cisco Jabber on MS SQL data is valuable for c...	By Veritas Technologies	Instant Messaging
Cisco Jabber on Oracle (preview)	Connecting to your Cisco Jabber on Oracle data is valuable for inf...	By Veritas Technologies	Instant Messaging
Cisco Jabber on PostgreSQL (preview)	Connecting to your Cisco Jabber on PostgreSQL data is valuable f...	By Veritas Technologies	Instant Messaging
EML	Connecting to your EML data is valuable for communication comp...	By Veritas Technologies	Others
Enterprise Number Archiver	Provides employees with a business number associated with an a...	By TeleMessage	Instant Messaging
Facebook business pages (preview)	Connecting to your Facebook data is valuable for records manage...	Open Source	Social
FX Connect	Connecting to your FX Connect data is valuable for communicatio...	By Veritas Technologies	Instant Messaging
HR	Connect to your organization's HR data so you can detect and inv...	By Microsoft	HR
ICE Chat	Connecting to your ICE Chat data is valuable for communication c...	By Microsoft	Instant Messaging

[Home](#)[Compliance Manager](#)[Data classification](#)[Data connectors](#)[Alerts](#)[Reports](#)[Policies](#)[Permissions](#)

## Solutions

[Catalog](#)[Audit](#)[Content search](#)[Communication compliance](#)[Data loss prevention](#)[Data subject requests](#)[eDiscovery](#)[Information governance](#)[Information protection](#)[Insider risk management](#)[Records management](#)[Settings](#)

# Data connectors

[Overview](#) [Connectors](#)

Connect to your data sources: Connectors help you connect your important data sources to your compliance solutions. [Learn more](#)

(i) Don't see the connector you're looking for? [Leave feedback](#) letting us know what connector you need.

17 items

[Group](#)[Filter](#)[Search](#)

Filters: Published: By TeleMessage [X](#)

Connector name	Description	Published	Category
Android Archiver	A lightweight agent runs in the background and records all Andro...	By TeleMessage	Instant Messaging
AT&T SMS/MMS Network Archiver	Integrated with the AT&T and FirstNet mobile networks. Get a cop...	By TeleMessage	Instant Messaging
Bell SMS/MMS Network Archiver	Integrated with the Bell mobile network. Get a copy of employee ...	By TeleMessage	Instant Messaging
Enterprise Number Archiver	Provides employees with a business number associated with an a...	By TeleMessage	Instant Messaging
O2 SMS and Voice Network Archiver	Integrated with the O2 UK mobile network. Get a copy of employe...	By TeleMessage	Instant Messaging
Rogers SMS/MMS Network Archiver (INTEGRATION) (preview)	Integrated with the Rogers mobile network. Get a copy of employ...	By TeleMessage	Instant Messaging
Rogers SMS/MMS Network Archiver (preview)	Integrated with the Rogers mobile network. Get a copy of employ...	By TeleMessage	Instant Messaging
Signal Archiver (INTEGRATION) (preview)	Use regular Signal, while capturing all Signal calls, chats, attachme...	By TeleMessage	Instant Messaging
Signal Archiver (preview)	Use regular Signal, while capturing all Signal calls, chats, attachme...	By TeleMessage	Instant Messaging
Telegram Archiver (INTEGRATION) (preview)	Use regular Telegram, while capturing all Telegram calls, chats, att...	By TeleMessage	Instant Messaging
Telegram Archiver (preview)	Use regular Telegram, while capturing all Telegram calls, chats, att...	By TeleMessage	Instant Messaging
TELUS SMS Network Archiver	Integrated with the Telus mobile network. Get a copy of employee...	By TeleMessage	Instant Messaging
Verizon SMS/MMS Network Archiver	Integrated with the Verizon mobile network. Get a copy of employ...	By TeleMessage	Instant Messaging

WhatsApp Archiver (preview) - M + https://compliance.microsoft.com/connectorlanding/solution/9c32adae-2e1f-4dd1-9ef2-5c31a7bde0ff?viewid=allconnectors&solutionname=WhatsApp%20Archiver%20(preview)

Contoso Electronics Microsoft 365 compliance

Home Compliance score Data classification Data connectors Alerts Reports Policies Permissions Solutions Catalog Settings More resources Customize navigation Show all

Data connectors > WhatsApp Archiver

# WhatsApp Archiver

Add connector Share

## Overview

**Benefits**  
Capture and archive WhatsApp chats and calls in Microsoft 365.

**Solution impact**  
Can be used to enhance the compliance solutions that support imported third-party data. [Learn more](#)

**Published**  
By TeleMessage

## Learn

**Documentation**  
[Set up the WhatsApp Archiver connector](#)

**Community**  
[Microsoft Security and Compliance TechCommunity](#)

## Requirements

**Subscription**  
To learn more about licensing requirements, see [Microsoft 365 tenant-level services licensing guidance](#).

**Permissions**  
User must be assigned the Mailbox Import Export role to set up the connector.

By default, this role isn't assigned to any role group in Exchange Online. You can add the Mailbox Import Export role to the Organization Management role group. Or you can create a role group, assign the Mailbox Import Export role, and then add yourself or other users as a member. For more information, see the 'Add a role to a role group' or the 'Create a role group' sections in [Manage role groups in Exchange Online](#).

**Partner Pre-requisites**  
You should have a TeleMessage Admin account before proceeding further. You must finalize your order and payment to get archiving to work for your employees. You must onboard your employees to start mobile archiving.

Need help? Give feedback

Type here to search

17:27 13-Sep-2020 ENG

WhatsApp Archiver (preview) - M + https://compliance.microsoft.com/connectorlanding/solution/9c32adae-2e1f-4dd1-9ef2-5c31a7bde0ff?viewid=allconnectors&solutionname=WhatsApp%20Archiver%20(preview)

Contoso Electronics Microsoft 365 compliance

Data connectors > New WhatsApp Archiver connector

Terms of service

- Connector name
- Connection to source
- User mapping
- Review

## Terms of service

**Preview Terms**

If this service is designated as "Preview," it is subject to the Preview terms set forth in the [Online Service Terms](#). Microsoft makes no commitments about the functionality, accuracy, or quality of any Connectors (defined below) during the Preview period. We do not recommend using Preview Connectors for production purposes, as data may be lost, deleted, or corrupted.

**Microsoft Connector Terms of Service**

These Microsoft Connector Terms of Service ("Terms") explain your and Microsoft's rights and obligations with respect to exporting your data from a third party source ("Data Source") and importing that data into M365 or other Microsoft service ("Microsoft Services"), via: (i) an application, bulk upload, service, or connection ("Connector"), or (ii) any third party providing a Connector or otherwise enabling a connection to a Data Source ("Connector Provider"). In addition to these Terms, your use of a third party Connector and your access to (and export of) data from a Data Source may be subject to additional, third party terms and privacy policies. Microsoft is not a party to your agreement with a Data Source, nor your agreement with any Connector Provider or other third party.

Please note that you, as the data controller for your data, are responsible for all data ingested into Microsoft Services, including obtaining applicable consents from individuals whose data is ingested. Only after such data is successfully ingested into the Microsoft Services will such data be considered "Customer Data," for purposes of the [Online Service Terms](#) and [Privacy Statement](#), and Microsoft's data processing and other obligations. You can also find more about Microsoft's commitments to data protection and privacy by visiting our [Trust Center](#).

You are responsible for configuring, using, and (to the extent applicable) creating a Connector to access and extract any data from a Data Source, and doing so in compliance with any applicable Data Source and

Accept Cancel Need help? Give feedback

Type here to search

17:27 13-Sep-2020 ENG 1

Contoso Electronics Microsoft 365 compliance

Data connectors > New WhatsApp Archiver connector

Terms of service

**Connector name**

Connection to source

User mapping

Review

## Name your connector

See the step-by-step instructions to help you setup a WhatsApp Archiver connector.

Enter a unique name for this connector.

Name \*

Back Next

Cancel Need help? Give feedback



Type here to search



17:28 ENG 13-Sep-2020 1

Contoso Electronics Microsoft 365 compliance

Data connectors > New WhatsApp Archiver connector

Terms of service

**Connector name**

Connection to source

User mapping

Review

## Name your connector

See the step-by-step instructions to help you setup a WhatsApp Archiver connector.

Enter a unique name for this connector.

Name \*

Back Next

Cancel Need help? Give feedback



Type here to search



17:28 ENG 13-Sep-2020 1

Contoso Electronics Microsoft 365 compliance

Data connectors > New WhatsApp Archiver connector

Terms of service  
Connector name  
**Connection to source**  
User mapping  
Review

## Sign in to your TeleMessage account

To connect to your WhatsApp Archiver data, complete the steps in the TeleMessage WhatsApp Archiver connection wizard.

[Sign into TeleMessage](#)

When you sign into your TeleMessage account, you'll leave the Microsoft 365 compliance center and be directed to a TeleMessage site.

If your organization doesn't have an account with TeleMessage, [sign up](#) for an account.

By signing into or signing up for TeleMessage account, you agree to their [privacy policy](#) and [terms of use](#).

Back Next Cancel Need help? Give feedback

WhatsApp Archiver (preview) - M + https://compliance.microsoft.com/connectorlanding/solution/9c32adae-2e1f-4dd1-9ef2-5c31a7bde0ff?viewid=allconnectors&solutionname=WhatsApp%20Archiver%20(preview)

Contoso Electronics Microsoft 365 compliance

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Customize navigation Show all

Data connectors > New WhatsApp Archiver connector

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**Connection to source**  
User mapping  
Review

Sign in to your TeleMessage account

Please complete the steps in the popup window and wait.

Login - Work - Microsoft Edge https://microsoft.kapi.telemesage.com/v1.0/job/OnCreating?jobId=8fa217b2-51f8-4c96-83ef-4f05...  
TeleMessage Login Please enter your admin credentials to activate the **WhatsApp Archiver** connector.  
arc\_manager ..... Login

Back Next Cancel Need help? Give feedback

Type here to search 17:30 ENG 13-Sep-2020

WhatsApp Archiver (preview) - M + https://compliance.microsoft.com/connectorlanding/solution/9c32adae-2e1f-4dd1-9ef2-5c31a7bde0ff?viewid=allconnectors&solutionname=WhatsApp%20Archiver%20(preview)

Contoso Electronics Microsoft 365 compliance

Home Compliance score Data classification Data connectors Alerts Reports Policies Permissions

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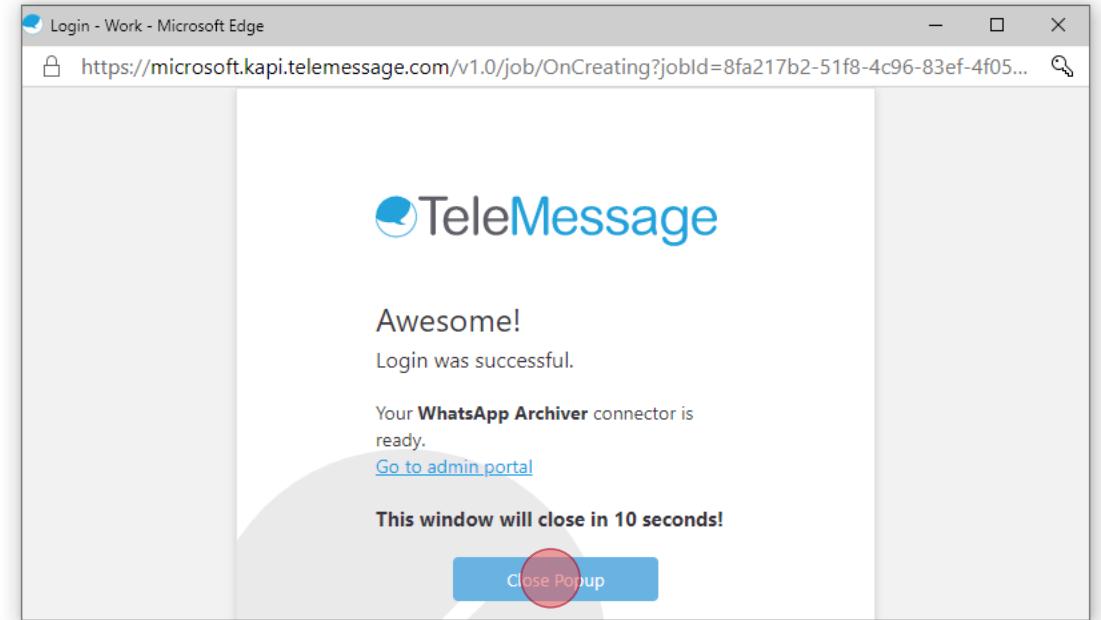
Customize navigation Show all

Data connectors > New WhatsApp Archiver connector

Terms of service  
Connector name  
**Connection to source**  
User mapping  
Review

**Sign in to your TeleMessage account**

Please complete the steps in the popup window and wait.

Login - Work - Microsoft Edge https://microsoft.kapi.telemesage.com/v1.0/job/OnCreating?jobId=8fa217b2-51f8-4c96-83ef-4f05... The screenshot shows a Microsoft Edge browser window titled "Login - Work - Microsoft Edge" with the URL https://microsoft.kapi.telemesage.com/v1.0/job/OnCreating?jobId=8fa217b2-51f8-4c96-83ef-4f05... The window displays the TeleMessage logo and the message "Awesome! Login was successful." It also states "Your WhatsApp Archiver connector is ready." and provides a link "Go to admin portal". A red circle highlights the "Close Popup" button at the bottom right. A progress bar is visible above the message area.  
Close Popup

Back Next Cancel Need help? Give feedback

Type here to search

17:30 ENG 13-Sep-2020

WhatsApp Archiver (preview) - M + https://compliance.microsoft.com/connectorlanding/solution/9c32adae-2e1f-4dd1-9ef2-5c31a7bde0ff?viewid=allconnectors&solutionname=WhatsApp%20Archiver%20(preview)

Contoso Electronics Microsoft 365 compliance

Data connectors > New WhatsApp Archiver connector

Terms of service  
Connector name  
Connection to source  
**User mapping**  
Review

## Map WhatsApp Archiver users to Microsoft 365 users

Map your organization's WhatsApp Archiver users to their corresponding Microsoft 365 account.

Enable automatic user mapping

WhatsApp Archiver items include a property called **User's Email Address**, which contains email addresses for users in your organization. If the connector can associate this address with a Microsoft 365 user, the items are imported to that user's mailbox.

**Custom user mapping (optional)**

In addition to automatic user mapping, you can also define your custom mapping by uploading a mapping file in CSV format.

Please use the template file below to map the users using the **User's Mobile Number** to their M365 corporate email addresses.

[Download CSV mapping template](#)

**Upload your custom CSV mapping file**

Upload your custom CSV mapping file

Back **Next** Cancel Need help? Give feedback

Type here to search

17:31 13-Sep-2020 ENG



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## Review and finish

### Name

WhatsApp Archiver for Ignite

### User mapping

Automatic user mapping property: User's Email Address

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- Settings
- More resources

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- Customize navigation
- Show all

Data connectors > New WhatsApp Archiver connector

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- User mapping
- Review

 Your connector was added

An import job has been created.

**Connector job ID**

9620b342-2fe0-4245-9d1e-bf621d892ba5

Done

Need help?

Give feedback

Data connectors - Microsoft 365 X + https://compliance.microsoft.com/connectorlanding?viewid=myconnector

Contoso Electronics Microsoft 365 compliance

## Data connectors

Overview Connectors

+ Add a connector Refresh 2 items Search

Name	Connector type	Published	Connection status with source
WhatsApp Archiver for Ignite	WhatsApp Archiver	By TeleMessage	Connected
androidarchiver	Android Archiver	By TeleMessage	Connected

Solutions

Catalog

Settings

More resources

Customize navigation

Show all

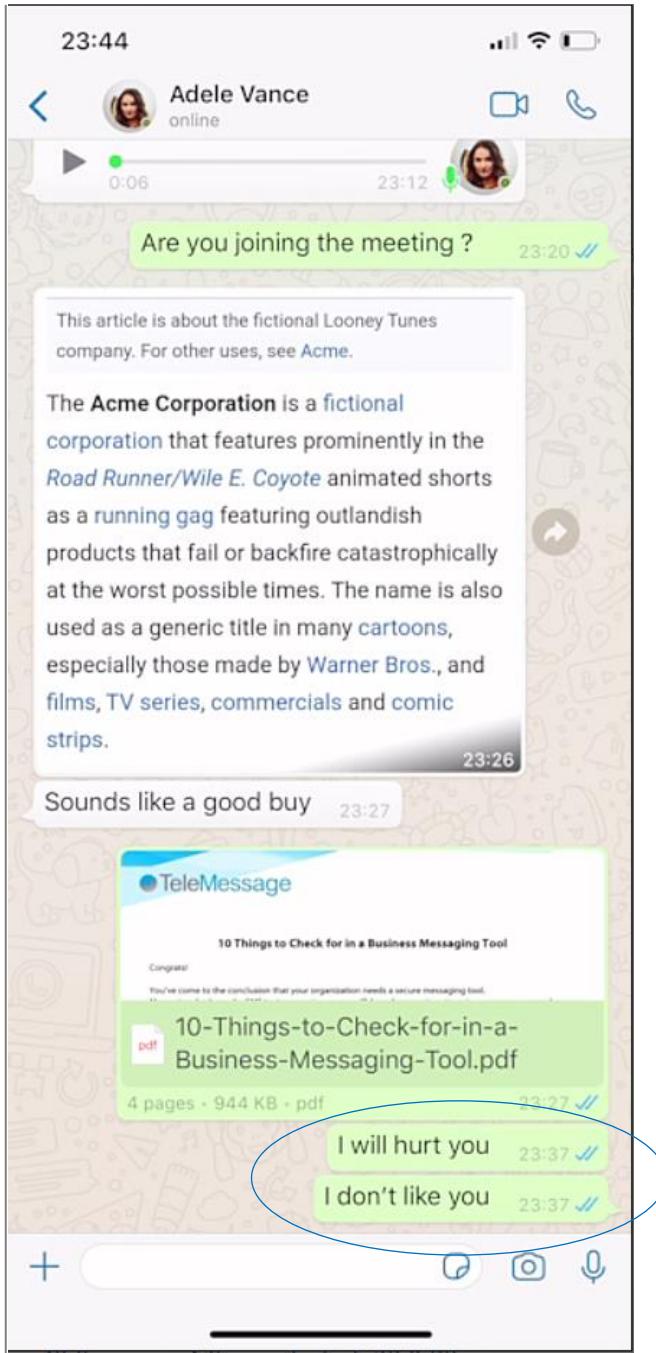
Need help? Give feedback

Type here to search

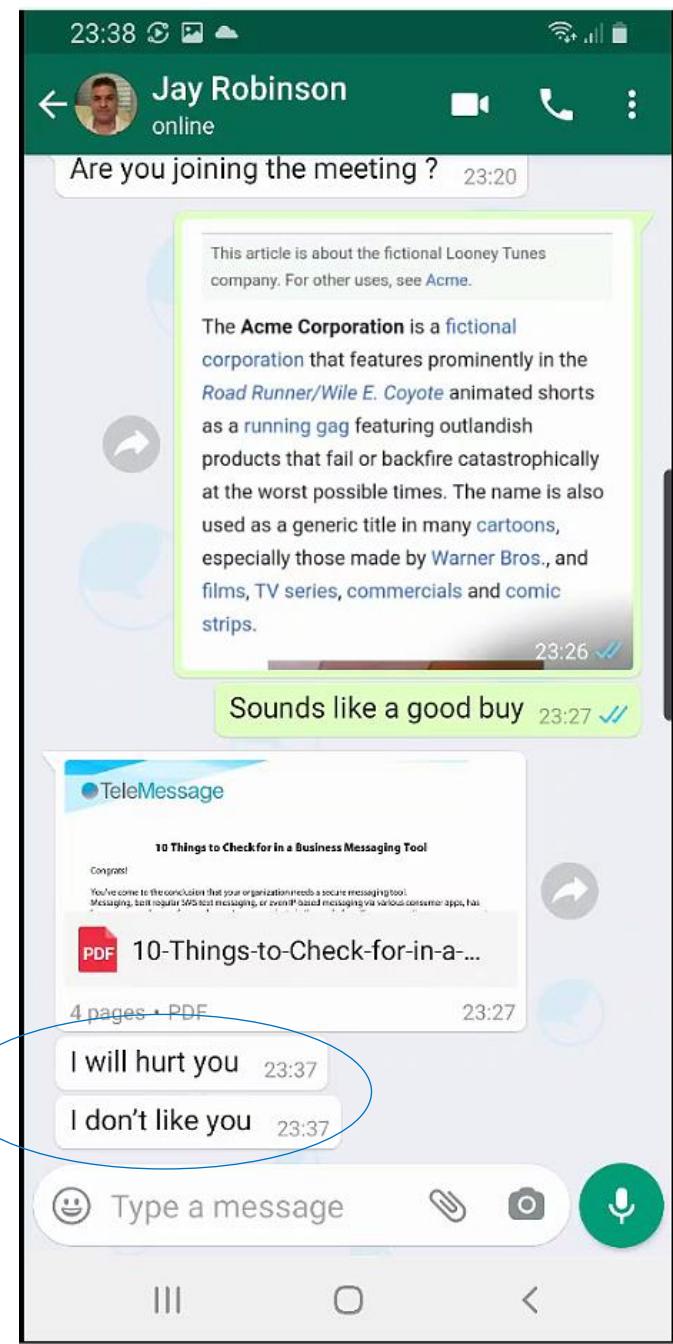
17:33 ENG 13-Sep-2020

The screenshot shows the Microsoft 365 Compliance center interface. The left sidebar contains navigation links for Home, Compliance score, Data classification, Data connectors (selected), Alerts, Reports, Policies, Permissions, Catalog, Settings, More resources, Customize navigation, and Show all. The main content area is titled 'Data connectors' and displays two entries in a table: 'WhatsApp Archiver for Ignite' (WhatsApp Archiver, Published by TeleMessage, Connected) and 'androidarchiver' (Android Archiver, Published by TeleMessage, Connected). A blue oval highlights the first row. The top right corner shows a user profile icon (MA).

# iOS



# Android



# Data in Communication Compliance

Communication compliance > Policies > ThirdParty Whatsapp OL

## ThirdParty Whatsapp OL

Overview Pending (2) Resolved (0)

	Subject	Sender	Recipients	Date	...
✓	: WhatsApp - ...	UNKNOWN <...>	MOD Adminis...	Aug 31, 2020 11:...	
✓	: WhatsApp - ...	UNKNOWN <...>	MOD Adminis...	Aug 31, 2020 11:...	

: WhatsApp - Mona Gupta and 918884080079 <tm-7814921>

⚠ Pattern detected. In the past 30 days, UNKNOWN sent 2 messages matching this policy's

Summary Text view Annotate view User history (2)

UNKNOWN August 31, 2020, 11:48 AM ▾

How are you jerk

UNKNOWN August 31, 2020, 11:48 AM ▾

I will hurt you

# Data in M365 Solutions – Advanced eDiscovery

Ignite Demo > Review sets

## Ignite Demo

← Review sets

+ New query Action Manage review set Show all documents Edit columns Individual results

	Subject/Title	Status	Date	Sender/Author	File
<	test	○ Ready	8/1/2020, 3:24:3...	MOD Administrat...	Email
✓	: WhatsApp - ...	○ Ready	8/31/2020, 11:48...	UNKNOWN <91...	Email
	: WhatsApp - ...	○ Ready	8/31/2020, 11:48...	UNKNOWN <91...	Email

Saved queries <  
Clear Refresh  
[AutoGen] Potentially Immaterial Items : New query

: WhatsApp - Mona Gupta ↗ ↑ ↓ ↘ × <  
File metadata  
Source view Text view Annotate view  
**From:** UNKNOWN <918884080079@archive.telemESSAGE.com>  
**Sent on:** Monday, August 31, 2020 6:18:40 AM  
**To:** MOD Administrator <admin@M365x462457.onmicrosoft.com>  
**Subject:** : WhatsApp - Mona Gupta and 918884080079 <tm-7814921>  
I will hurt you

# Useful links and contact info

- Link to Ecosystem blog - <https://msft.it/6040TQFd6>
- Ignite demo - <https://aka.ms/ConnectorsIgniteDemo>
- Fill in our survey: <https://aka.ms/Microsoft365ComplianceConnectorSurvey>
- Reach out to us about connectors – [dcfeedback@microsoft.com](mailto:dcfeedback@microsoft.com)



# Thank you!

We're currently experiencing  
some technical difficulties.  
Please stay on, and we will  
be back with you shortly.



Thank you for  
joining us today.

Contact us

Microsoft 365 Security: [aka.ms/365securitysales](https://aka.ms/365securitysales)

Azure Security: [aka.ms/azuresecuritysales](https://aka.ms/azuresecuritysales)



