



centric
tech
event



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Architect, Microsoft
M365 Centre of Excellence



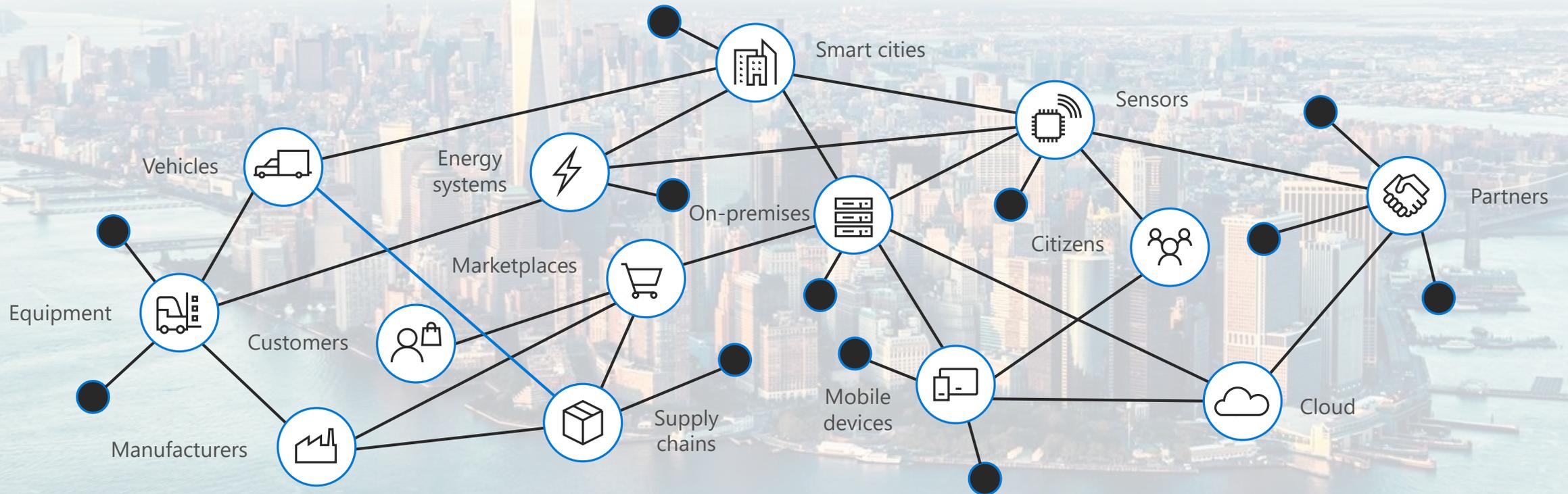
Turn dark data in managed data

Does your organization have a keep everything strategy?
Intelligent compliance and risk management solutions

François van Hemert – Architect, Microsoft M365 Centre of Excellence

Data is exploding across the digital estate

It's Created, Stored, and Shared Everywhere



Data regulations are increasing around the world



Personal Information Protection and Electronic Documents Act (PIPEDA)



California Consumer Privacy Act (CCPA) 2018



Federal Data Protection Law 2000



Data Protection in Act (pending)



General Data Privacy Law



Australia Privacy Principles 2014



Protection of Personal Information Act 2013 (POPI)



General Data Protection Regulation (GDPR 2016)



The Privacy Protection Act (PPA) 2017



Personal Data Protection Bill 2018



Personal Data Protection Act (PDPA 2012)



Personal Information Security Specification 2018

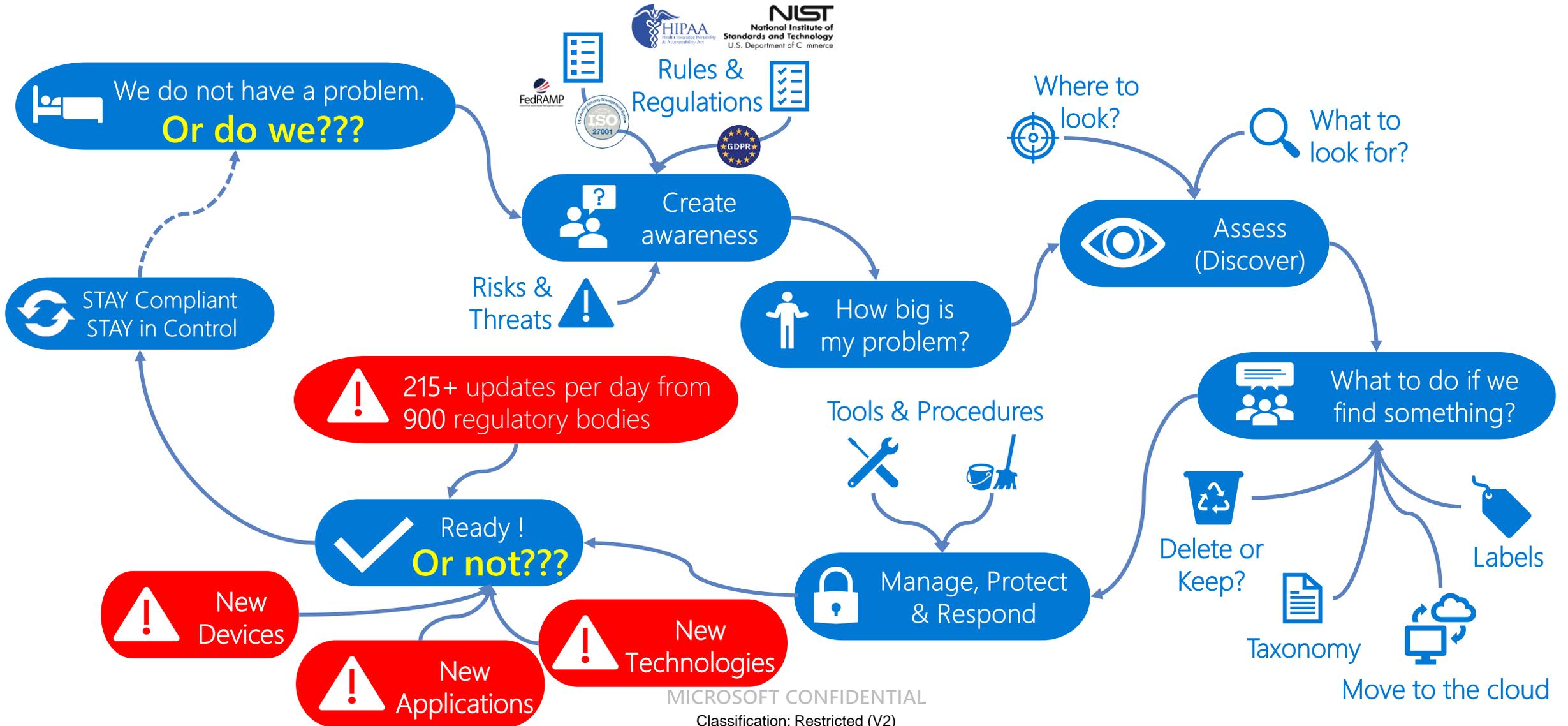


Personal Information Protection Act (PIPA) 2011



Act on Protection of Personal Information (APPI) 2017

The data governance & compliance journey



Can we do it alone?

Who is 'we'?

Can we have the conversation?

Do we understand the questions?

Can we answer with authority?

Should we even answer?

Is this *'just another engagement'*?

Who is there to help our customers?



Technology
Consultant

Has knowledge about:

- ✓ Microsoft technology and solutions
- ✓ The customer and the industry

Executes on:

- ✓ M365 installation and setup
- ✓ Service enablement and configuration

Needs:

- ✓ Configuration guidance from an Advisory Partner



Advisory
Consultant

Has knowledge about:

- ✓ Regulations and the Law
- ✓ The customer and the industry
- ✓ Features and functionality offered by M365

Executes on:

- ✓ Translating the regulations and law into customer specific policies and guidance

Needs:

- ✓ A Technology Partner to install and configure the envisioned solution



Installation & Setup
Service enablement
The Solution

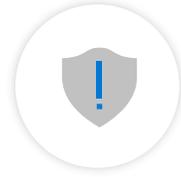
Guidance
Policy configuration

Intelligent compliance and risk management solutions



Information Protection & Governance

Protect and govern data
anywhere it lives



Internal Risk Management

Identify and remediate
critical insider risks



Discover & Respond

Quickly investigate and respond
with relevant data



Compliance Management

Simplify and automate risk assessments



COMPLIANCE MANAGEMENT

Simplify and automate risk assessments

Compliance Manager

Manage your compliance from one place



Ongoing risk assessment

An intelligent score reflects your compliance posture against regulations or standards



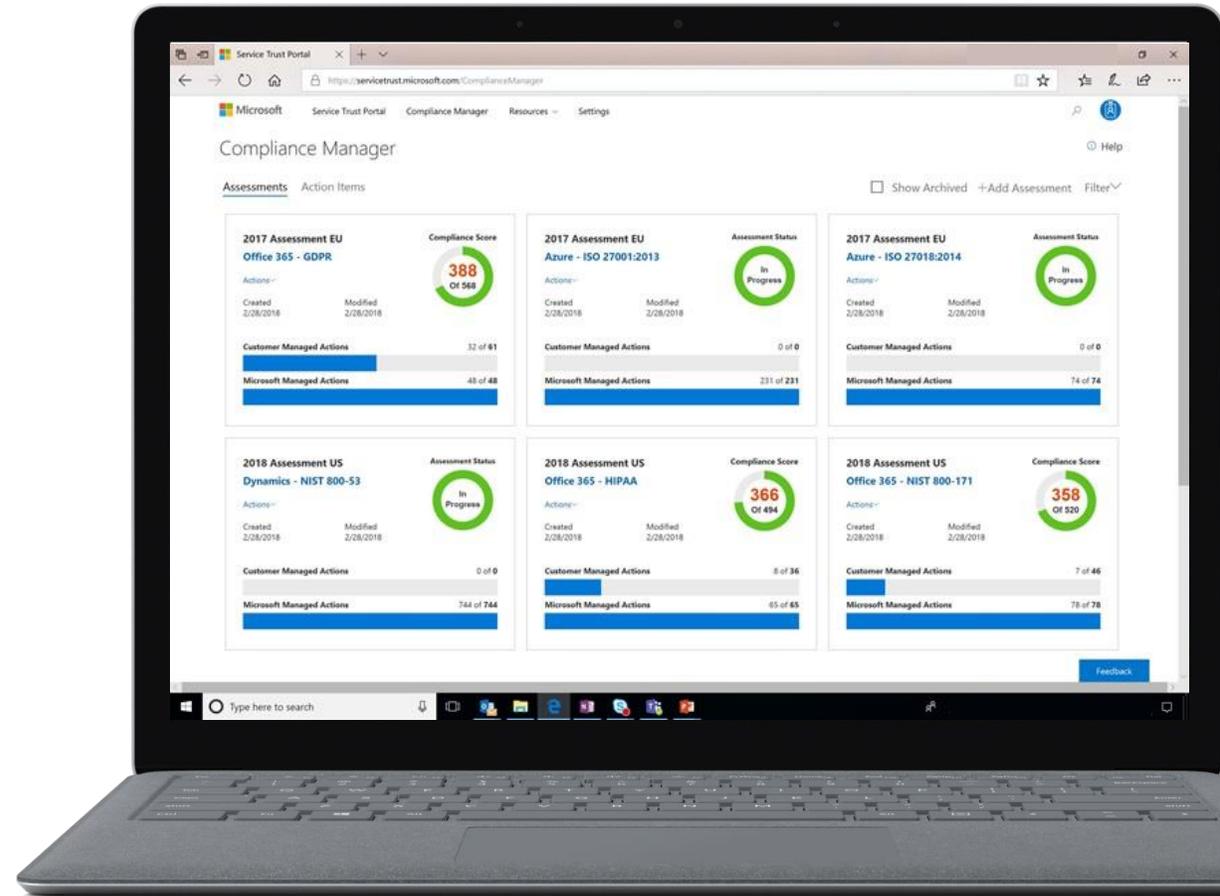
Actionable insights

Recommended actions to improve your data protection capabilities



Simplified compliance

Streamlined workflow across teams and richly detailed reports for auditing preparation



Compliance Manager is a dashboard that provides the Compliance Score and a summary of your data protection and compliance stature as well as recommendations to improve data protection and compliance. This is a recommendation, it is up to you to evaluate and validate the effectiveness of customer controls as per your regulatory environment. Recommendations from Compliance Manager and Compliance Score should not be interpreted as a guarantee of compliance.

Compliance Manager new features in public preview

Now with automation and customization

Automated control assessment

Continuously detect your system setting and assess your security-oriented controls

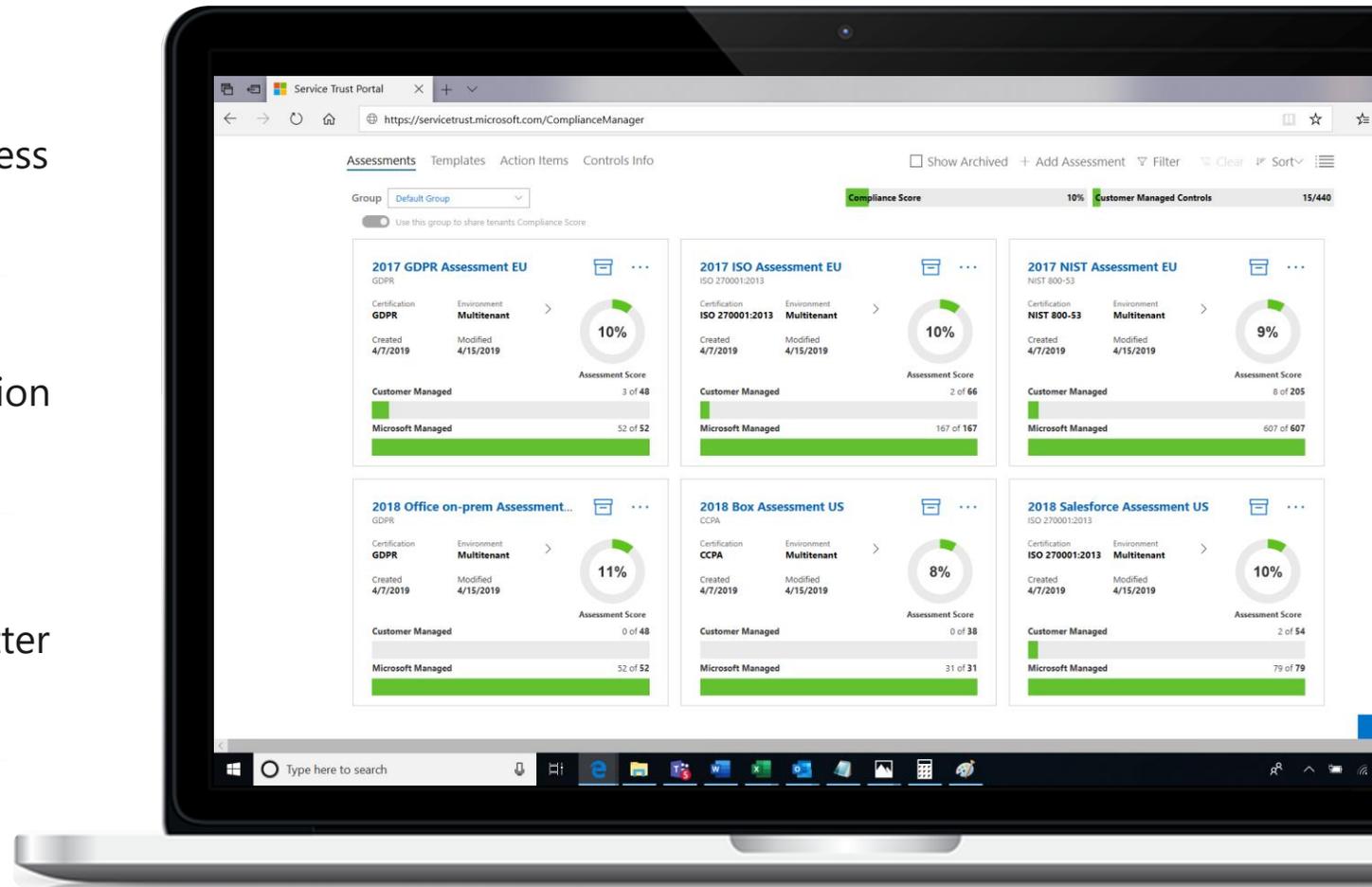
Custom assessments

Add and customize assessments for any application against any regulation or standard

Action-based experience

Break down controls into actions to help you better manage and record activities

Learn more at: aka.ms/cmpreview

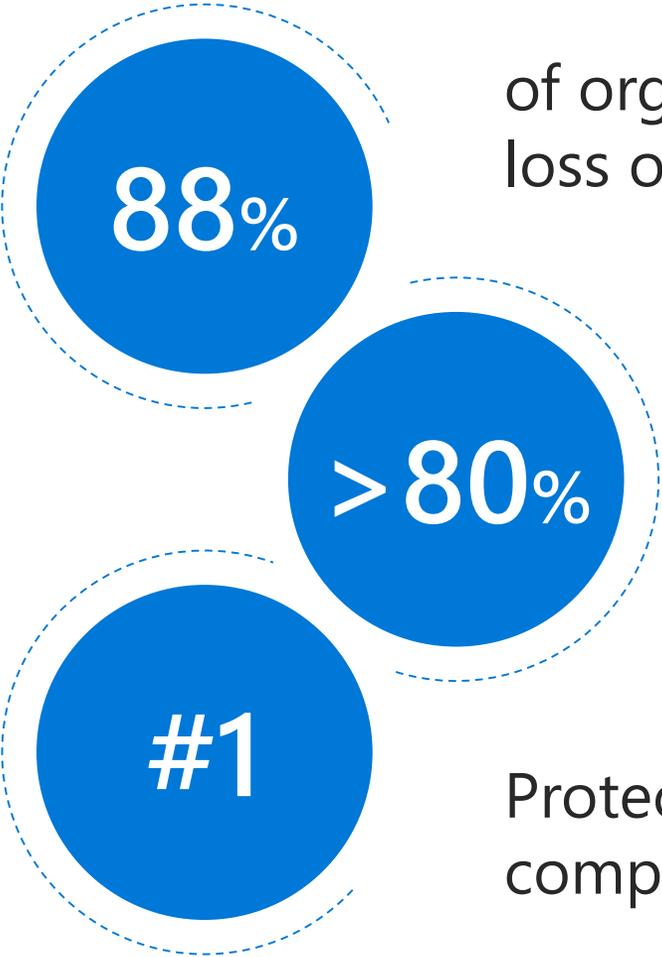




INFORMATION PROTECTION & GOVERNANCE

Protect and govern data
anywhere it lives

Discovering and managing data is challenging



88%

of organizations no longer have confidence to detect and prevent loss of sensitive data¹

>80%

of corporate data is "dark" – it's not classified, protected or governed²

#1

Protecting and governing sensitive data is biggest concern in complying with regulations

1. Forrester. Security Concerns, Approaches and Technology Adoption. December 2018
2. IBM. Future of Cognitive Computing. November 2015
3. Microsoft GDPR research, 2017

Discovering and managing data is challenging

"My data is **scattered across sources** and the data continues to grow"

"I can't apply unified policies across various data sources or to a specific repository"

"How do I protect sensitive information such as sensitive PII data across my enterprise?"

"I need complete coverage of all my devices and applications"

"When enforcing compliance our business users' productivity is disrupted"

"How do I find only relevant data when I need it?"

Do you have a strategy for protecting and managing sensitive and business critical data?



Do you know where your business critical and sensitive data resides and what is being done with it?



Do you have control of this data as it travels inside and outside of your organization?



Are you using multiple solutions to classify, label, and protect this data?



Information Protection & Governance

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

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

Apply flexible protection actions including encryption, access restrictions and visual markings



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

Powered by an intelligent platform

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

Know Your Data

Identify exposure & risks; guide policy configuration



Understand volume, scope and location of sensitive information



Visibility into sensitive information types detected across documents and emails



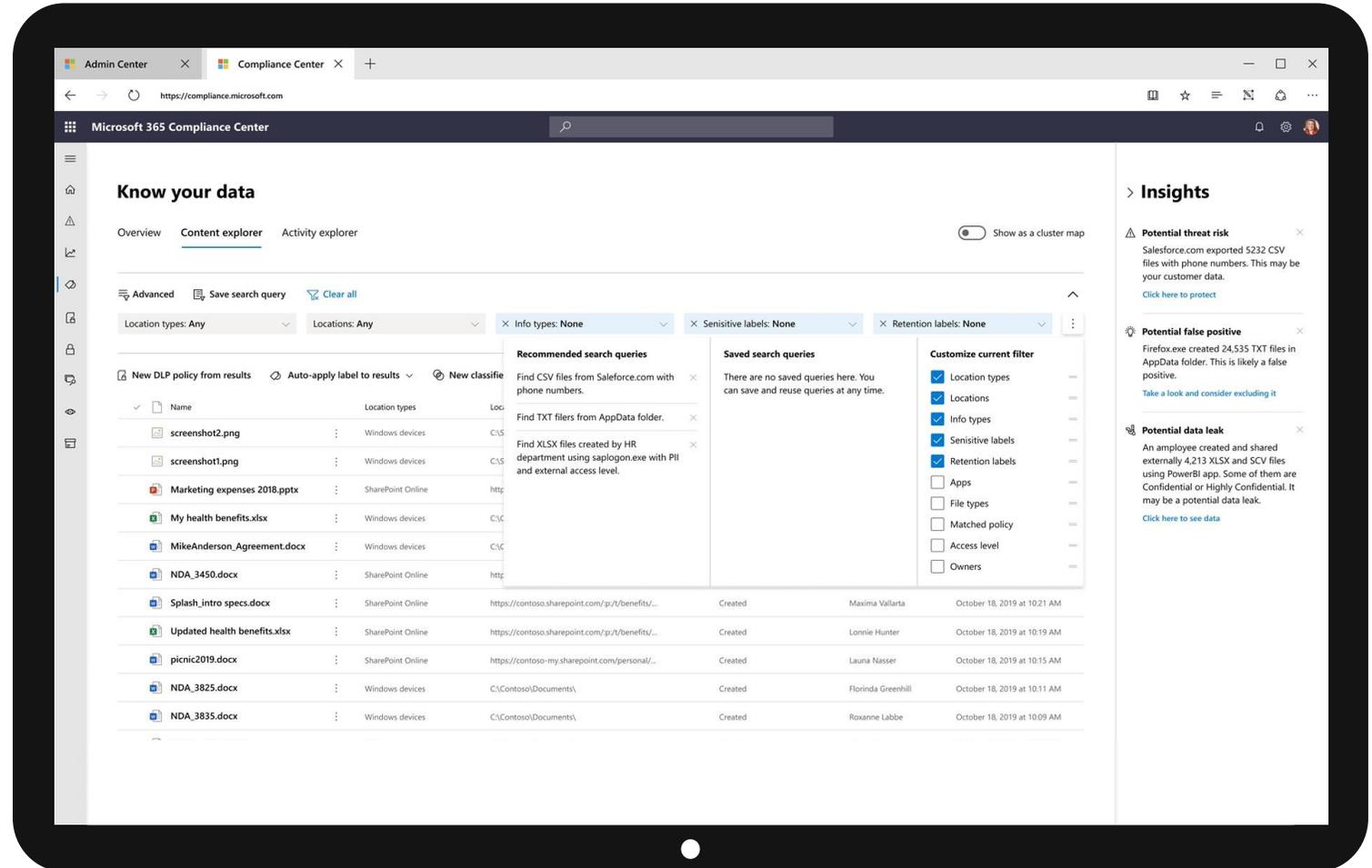
Identify oversharing, mismanagement or misuse of important documents



Act on recommendations to enable policies to better protect and govern data



Helps inform taxonomy and policies for sensitivity labeling and retention labeling



Protect Your Data: Information Protection

Customize protection policies based on data sensitivity

Streamlined administration

Configure sensitivity labels and protection policies in single place and apply across endpoints and services

Built-in experiences

Integrated natively into Office apps, Office 365 services and 3rd-party services

Broad coverage

Protect sensitive information across devices, apps, on-premises file repositories and cloud services

Flexible labeling options

Choose between automatic labeling, manual end-user driven labeling or recommended labeling

Office 365 | Security & Compliance

Home > Labels

Sensitivity Retention

Sensitivity labels are used to classify email messages, documents, sites, and more. When a label is applied (automatically or by the user), it adds content marking, and control user access to specific sites. [Learn more about sensitivity labels](#)

+ Create a label Publish labels Refresh Search

+ Display name

- General
- Internal
- Highly Confidential
- Confidential-Financ
- Confidential-HR

Public
General
Confidential
✓ Highly Confidential
Learn More...

Contoso Highly Confidential. Very sensitive data which will cause business harm if over-shared.

M&A Plan – “Shanghai”

MARCH 2018, CONTOSO M&A DEPT.
M&A ID: #CO0151500

An M&A proposal regarding the potential merger with a company codenamed “Shanghai.” Prepared by the Contoso Mergers & Acquisitions sourcing department at Contoso, Colorado during Q1 2018.
Colorado - 319 W. 4th Street, P.O. Box 1234, Contoso, CO 123456 Phone 800-555-1234
www.contosowater.org

Una propuesta de fusiones y adquisiciones con respecto a la posible fusión con una empresa con nombre en código “Shanghai”. Preparado por el departamento de abastecimiento de [Contoso Mergers & Acquisitions](#) en Contoso, Colorado, durante el primer trimestre de 2018.

Page 1 of 1 232 words Highly Confidential Focus 120%

Govern Your Data: Information Governance

Automatically govern data across your environment

Streamlined administration

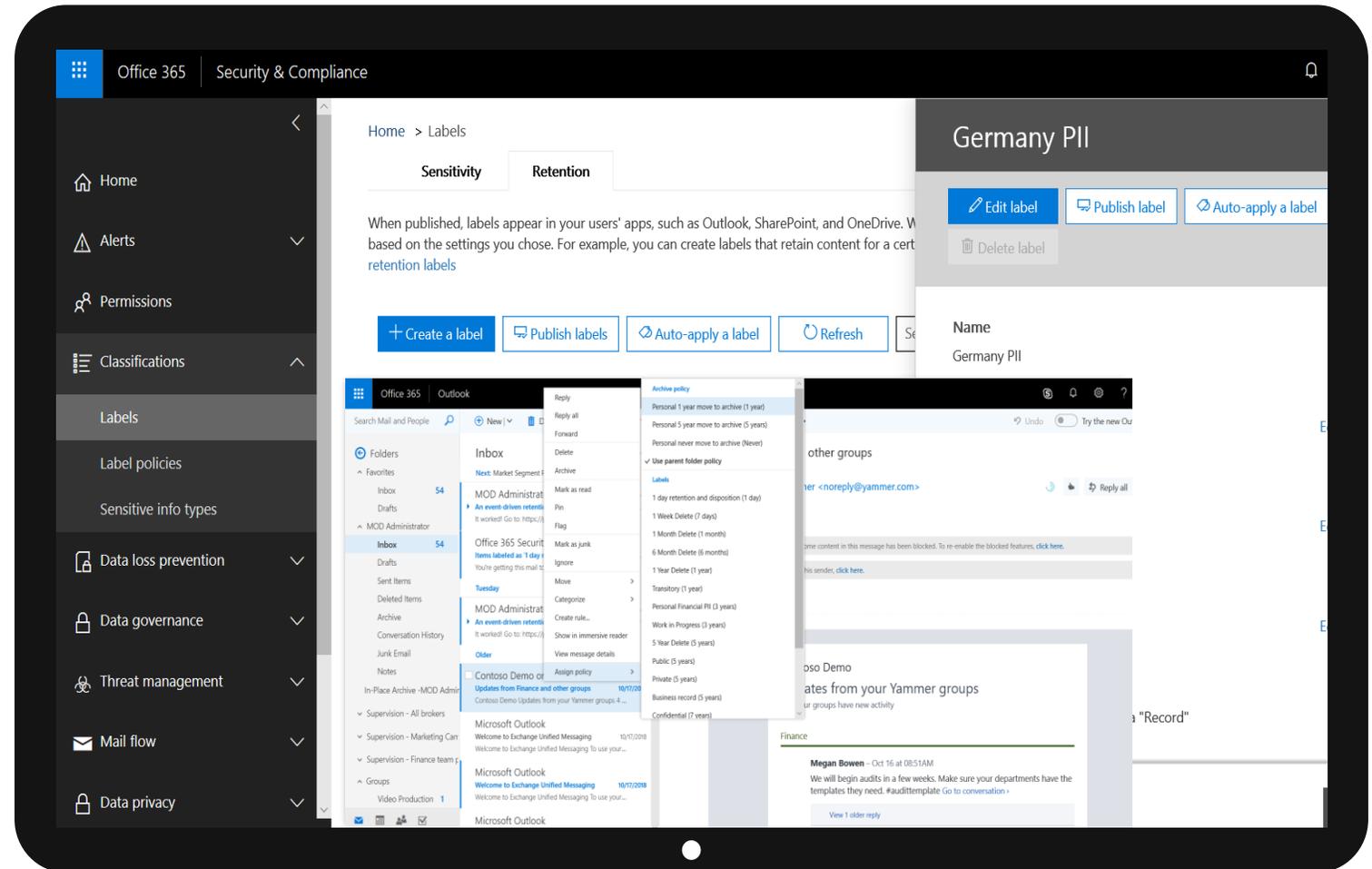
Configure retention labels and policies in single place and apply automatically across services

Built-in experiences

Investigate and validate how and when labels are being applied. Defensibly dispose of content after disposition review

Records Management

Ensure core business records are properly declared and stored immutably with full audit visibility to meet regulatory obligations

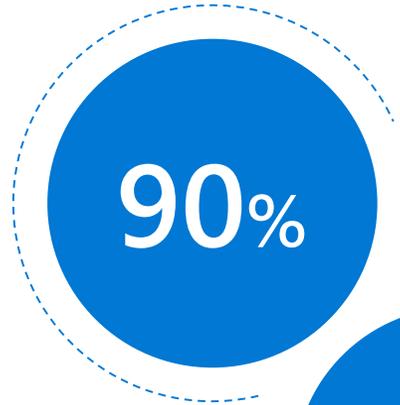




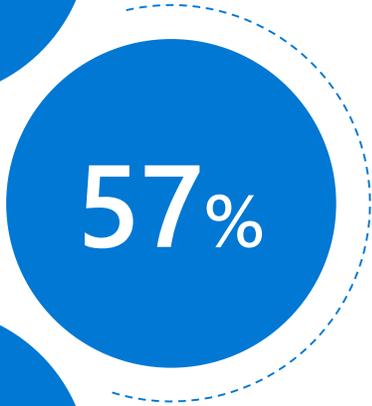
INTERNAL RISK MANAGEMENT

Identify and remediate
critical insider risks

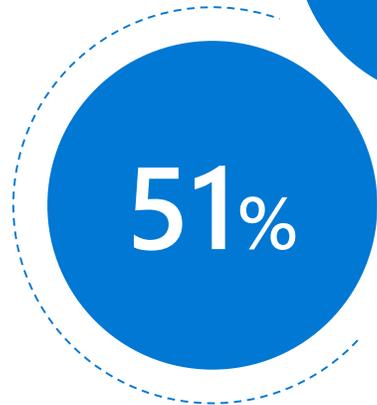
Identifying and mitigating risks is challenging



of enterprises feel vulnerable to insider risk

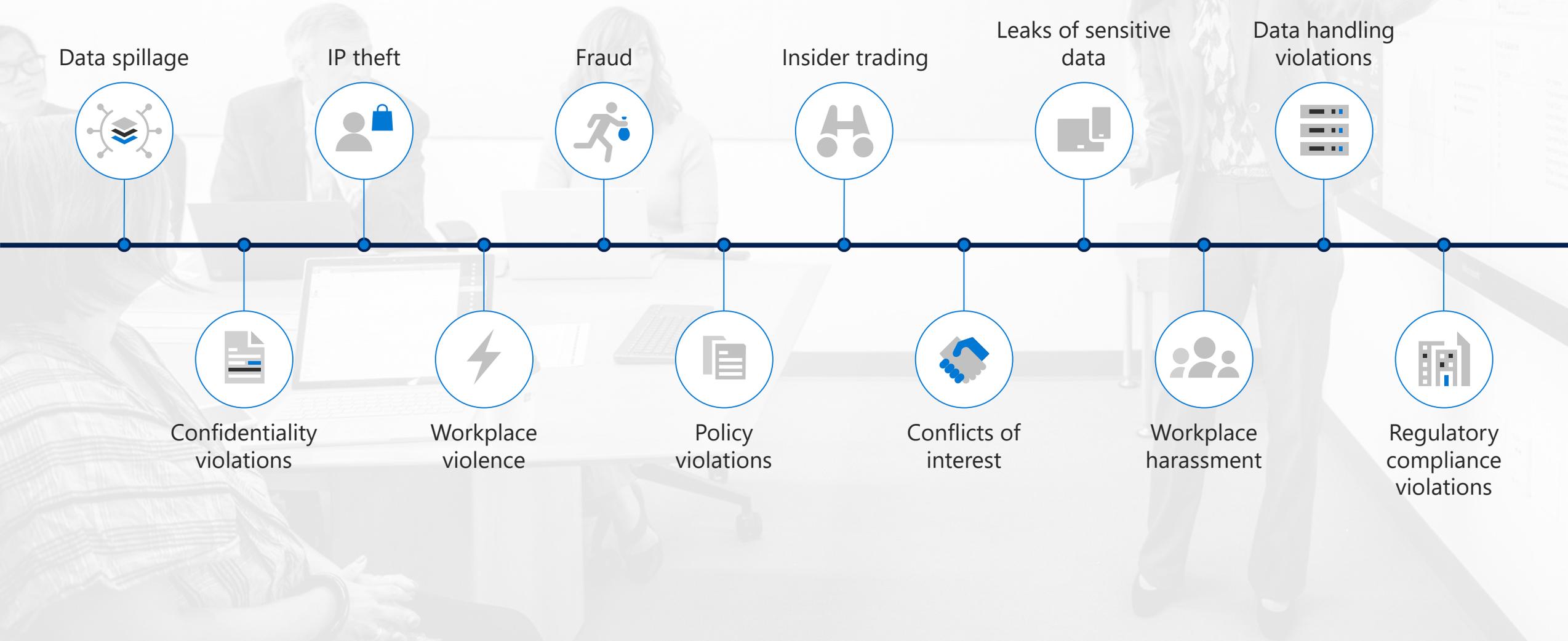


Indicate they are most vulnerable to loss of confidential data



Concerned with negligent insider behaviors

Organizations face a broad range of risks from insiders



Audit log and alerts

Comprehensive long-term audit supports continuous compliance



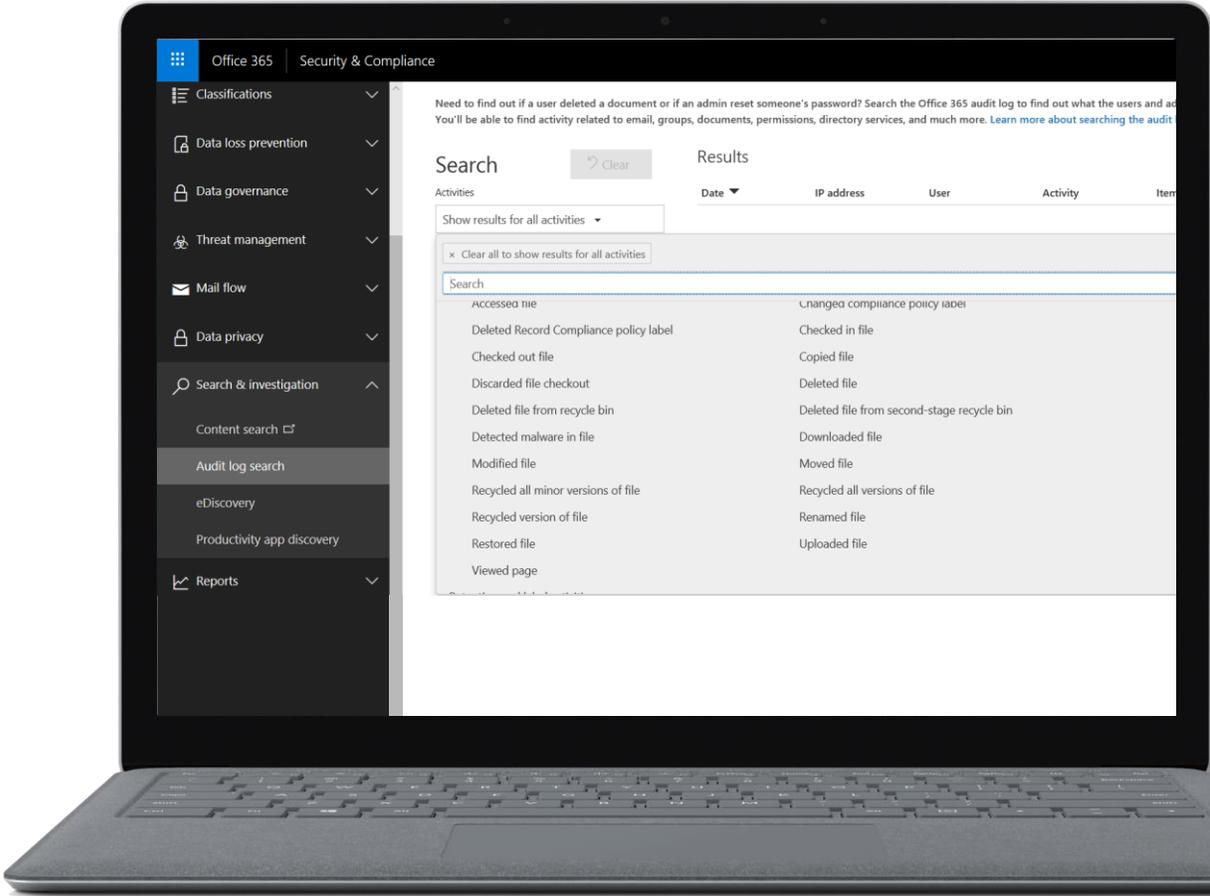
Comprehensive coverage across Office 365 services



Unified Audit log search and alert experience



Establish alerts based on organization specific criteria



Communications Supervision



Intelligent policies

Refine digital communications with intelligent conditions, sensitive info types, inclusions & exclusions and percent sample



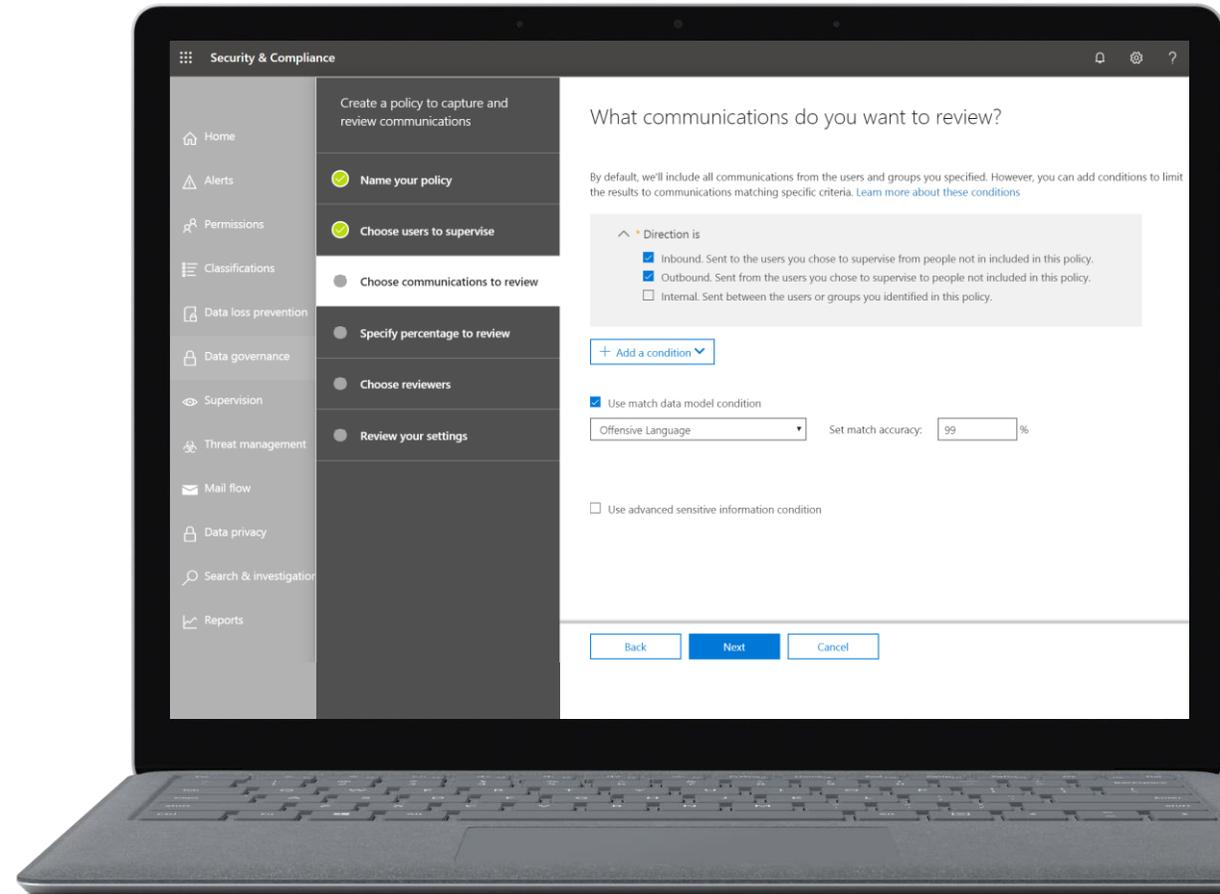
Efficient reviews

Review experience built into Compliance center, tag and comment on content and bulk resolution



Defensible insights

Productivity reporting, full audit of review activities and policy tracking



Privileged Access Management

Controlling privileged access by Microsoft service engineers and by your administrators



The principle of **zero standing access**



Just in time and just enough access



Privileged workflow



Logging and auditing





DISCOVER & RESPOND

Quickly investigate and respond with relevant data

Cost of compliance can be significant

51%

of companies of >\$1B revenue, indicate at least one regulatory proceeding pending²

44%

of organizations report they have had more than one internal investigation requiring outside counsel²

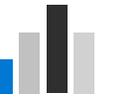
50%

of organizations have spent more time over last 3 years address regulatory requests²

1. Strategy Analytics. "Global Mobile Workforce Forecast Update 2016-2022." Oct 2016.
2. Entrepreneur.com. "Password Statistics: The Bad, The Worse, and The Ugly." June 3, 2015.
3. DARKReading. "Data Breach Record Exposure Up 205% from 2016." Nov 8, 2017.



Are you able to intelligently reduce the volume of data to find what's relevant?



Are you able to track activity to fulfill compliance obligations?



Do you have a process in place to review the data before its shared?



Advanced eDiscovery

Quickly find and respond with only the relevant information



Custodian Management and Communications

Preserve content by custodian, send hold notifications and track acknowledgements



Deep crawling and indexing

Deep processing (e.g. much higher size limits, non-Microsoft file types, ...) to extract and index text & metadata



Collection into document working sets

Manage static sets of documents within a case, that can be independently searched, analyzed, shared, and acted upon.



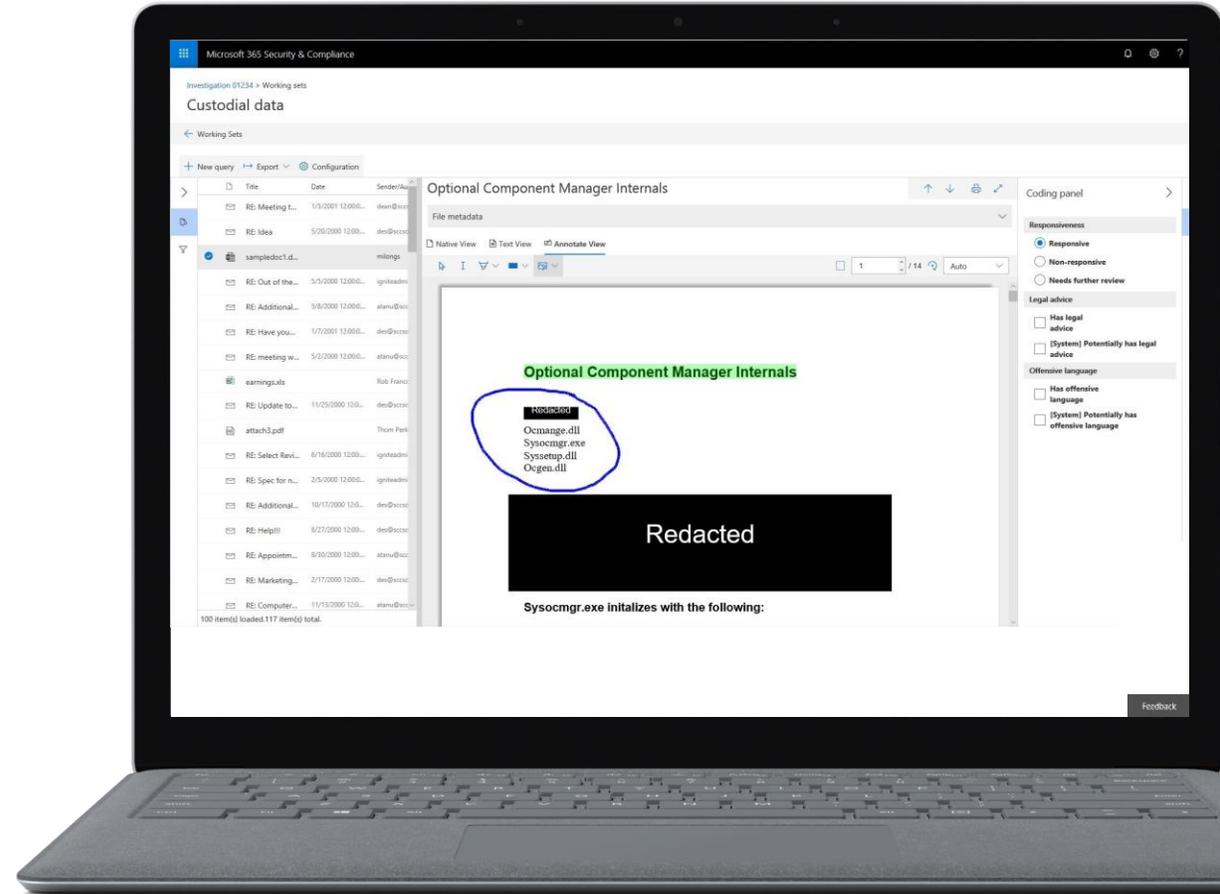
Cull your data intelligently with ML

Use predictive coding, near duplicate detection, email threading, Themes and ML models to identify potential high value content



Review and take action on documents

View content via a native and text viewer, organize documents with tags and redact sensitive information prior to export



Data Investigations

Quickly locate, triage, and remediate sensitive data incidents in your organization



Advanced search to quickly collect relevant data

Quickly search across Office 365 with conditions, keywords and more to refine targeted search



Identify and investigate persons of interest

Identify and manage persons of interest within an investigation to ensure related content and people are in scope



Validate with built-in review

Review content in-place to validate sensitive or malicious content



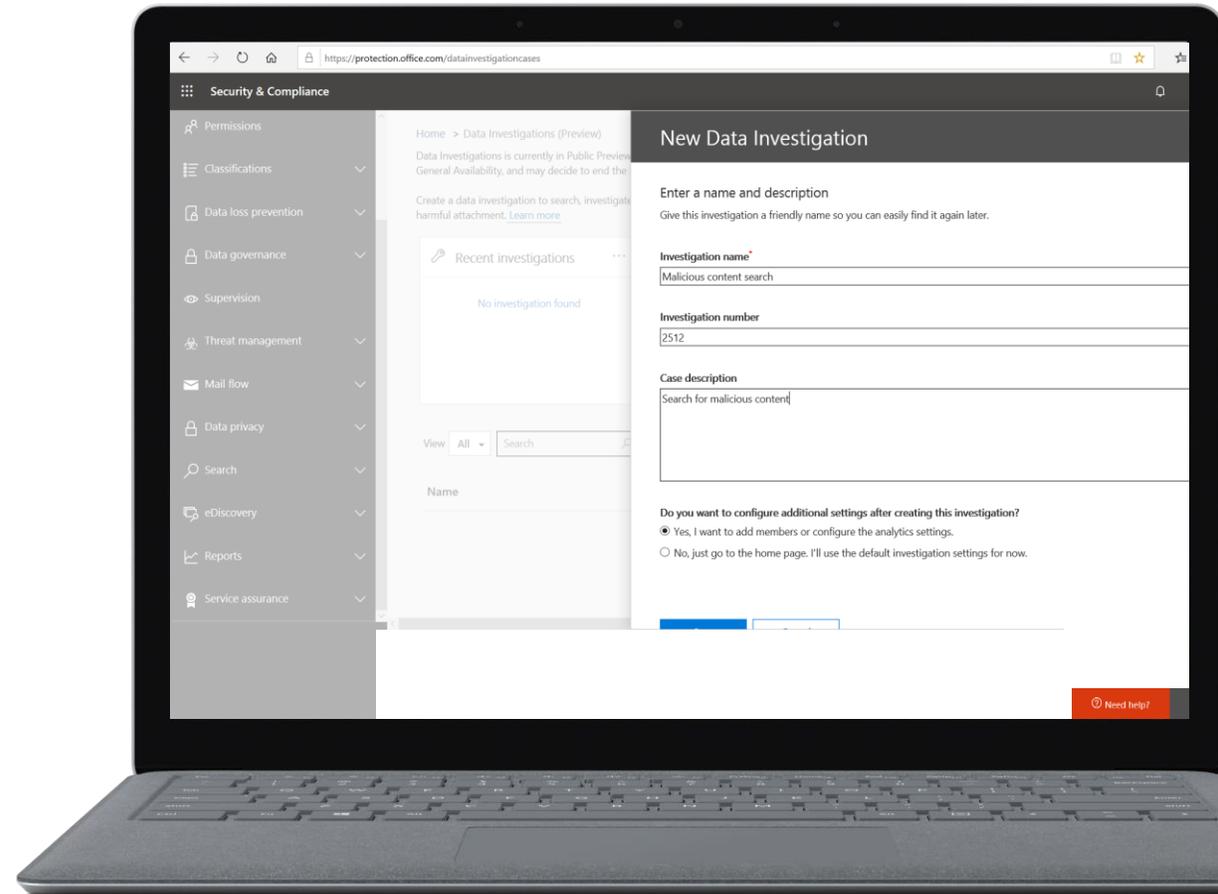
Take action & remediate sensitive data incidents

Identify sensitive content in-place and take immediate action to soft delete, hard delete or tag for further processing



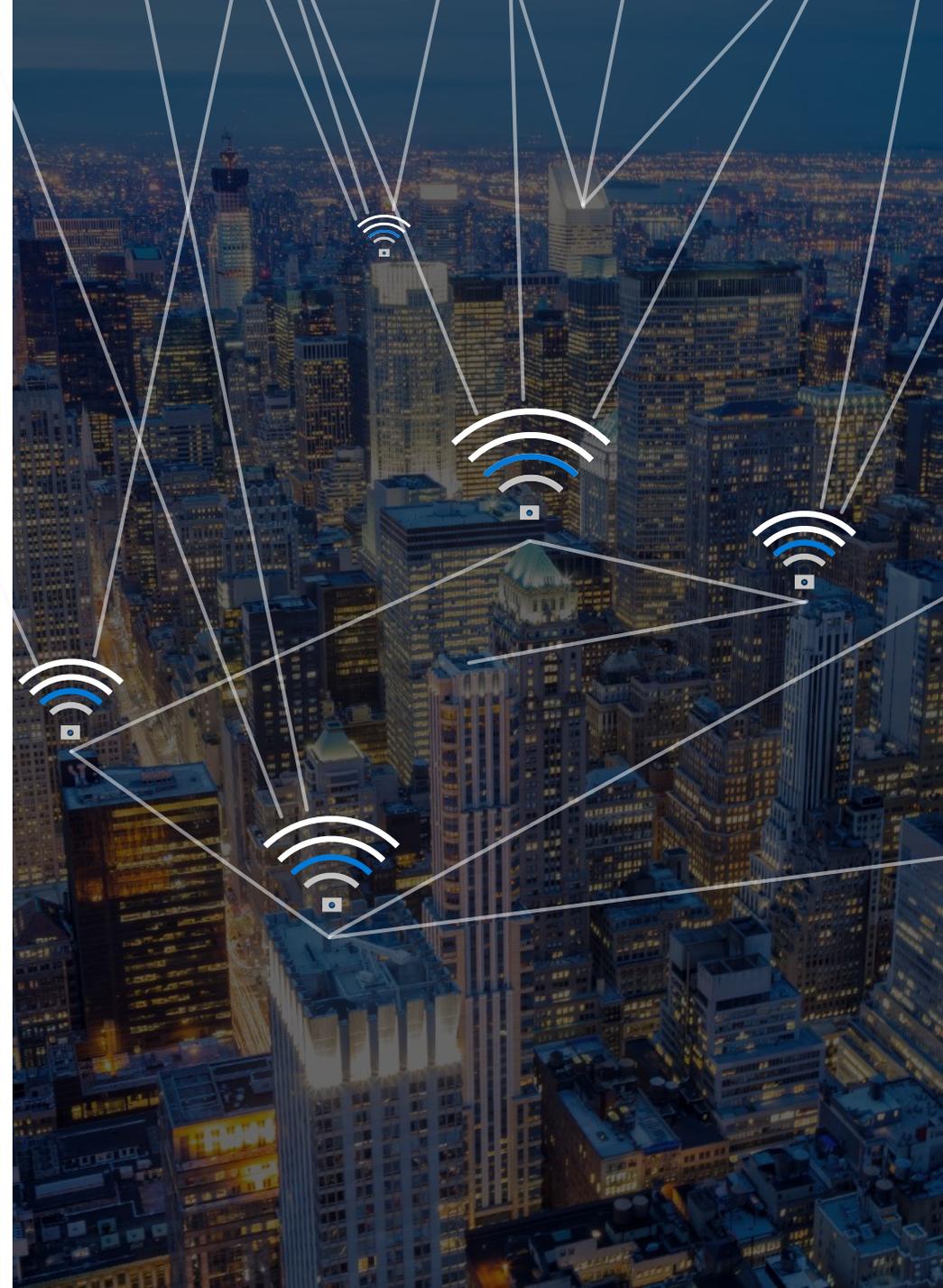
Complete audit log and escalation

All actions logged and ability to provide legal hold escalation via the review and action process



Microsoft 365 Compliance

*Intelligent compliance and risk
management solutions*



Consider a different approach



Reduce number of solution vendors and leverage shared responsibility



Know, protect and govern your sensitive data throughout its lifecycle



Implement more intelligent, built-in compliance solutions



TURN DARK DATA IN MANAGED DATA DOOR FRANÇOIS VAN HEMERT

Geef jouw feedback!

- Gebruik je mobiel
Ga naar bit.ly/ct19darkdata
- Of start dit op met de QR code;





Thank you!