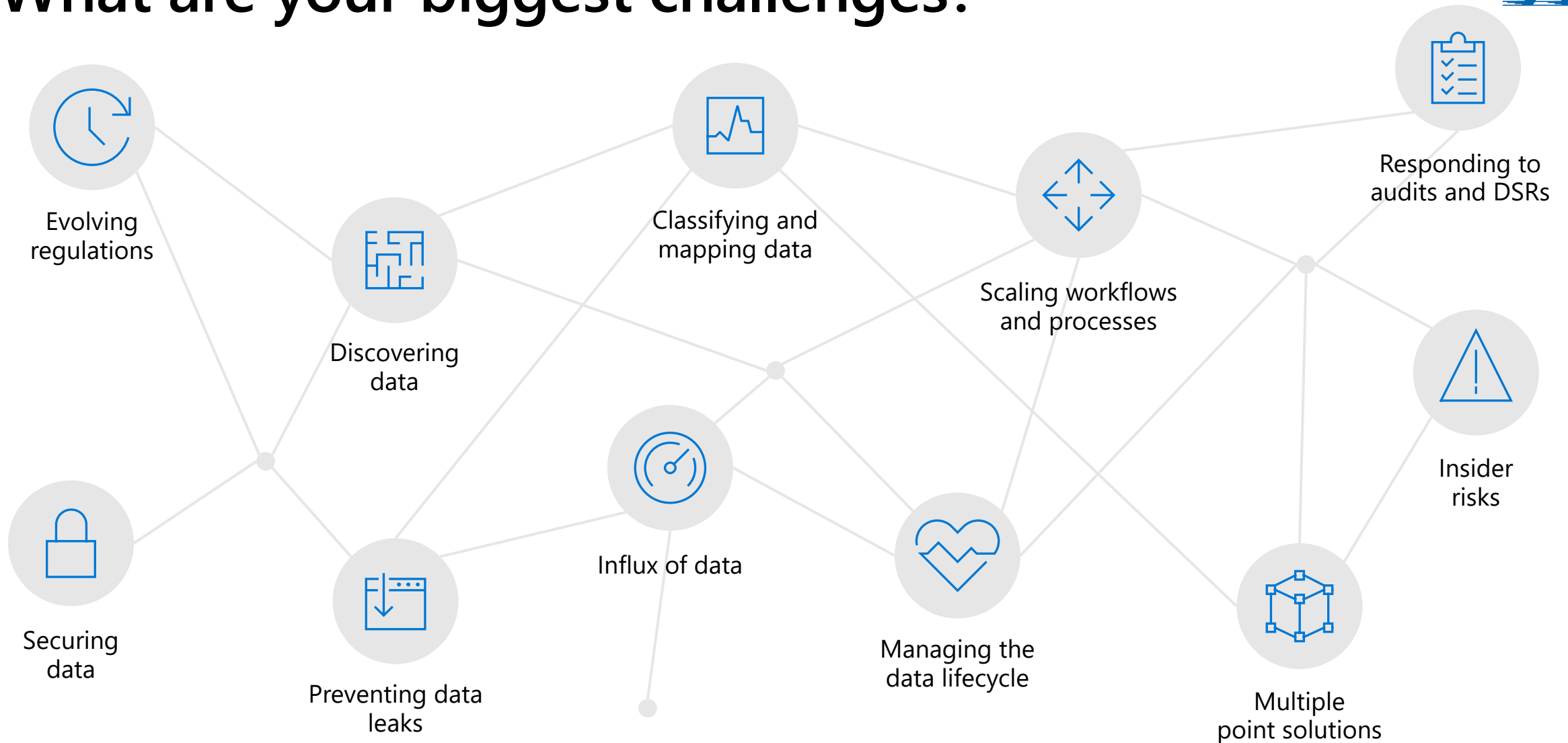


Microsoft 365 Compliance

Intelligent compliance and risk management solutions

What are your biggest challenges?





217 daily updates from over 1000 regulatory bodies worldwide

Lack of in-house expertise on standards and regulations

54% of organizations say lack of visibility across their digital estate is a major concern

Limited visibility into risks within the organization

The amount of data is expected to more than double every two years

Complexity of managing the influx of data

Manual data management tasks can be reduced by 45% with the addition of machine learning and automation

Need to scale processes with automation



Intelligent compliance and risk management solutions



Information Protection & Governance

Protect and govern data wherever it lives



Insider Risk Management

Identify and take action on critical insider risks



Discover & Respond

Quickly investigate and respond with relevant data



Compliance Management

Simplify compliance and reduce risk



Information Protection & Governance

Protect and govern data wherever it lives



**The amount of data is expected to
more than double every two years**

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 regulations³

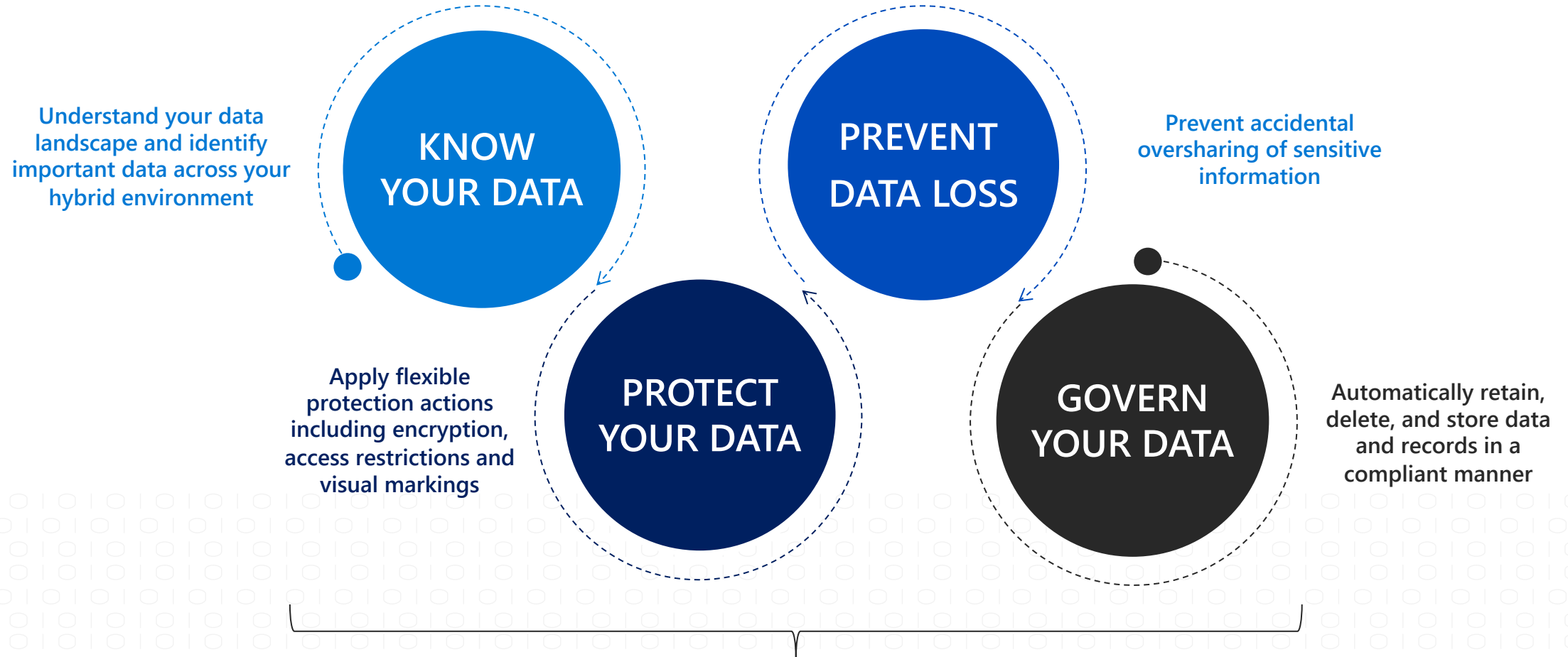
1. Forrester. Security Concerns, Approaches and Technology Adoption. December 2018

2. IBM. Future of Cognitive Computing. November 2015

3. Microsoft GDPR research, 2017

Information Protection & Governance

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



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



//

With Microsoft Information Protection, we better safeguard all files, whether they're being accessed internally or sent externally. We can prevent unprotected files from being downloaded and viewed anywhere. We protect our IP without our security measures getting in the way of collaboration and innovation.

//

Dave Vilwock

Senior Manager of Application Development
Komatsu

Microsoft Information Protection



Understand sensitive and business critical data across your organization

Built-in

Built-in labeling and protection experience in Office apps, Office 365 services, other MS services like Power BI, Edge, and Windows

Intelligent

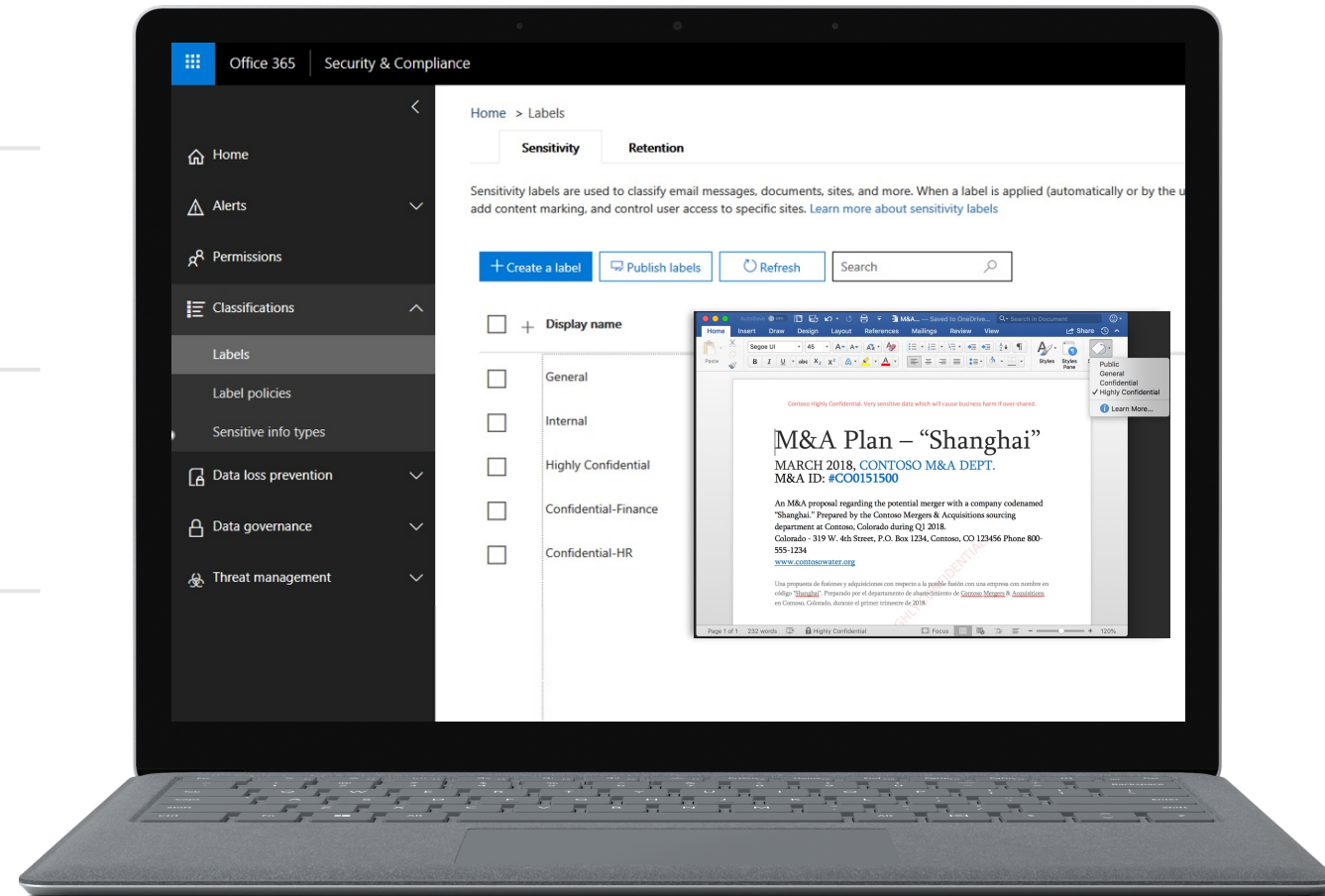
Accuracy in classification via ML based trainable classifiers and exact data match

Unified

Single admin console to configure and manage your policies and view analytics across on-premises, Office apps, Microsoft 365 services, third-party party services (via MCAS) and devices

Extensible

MIP development platform extends the protection experience, in a consistent way, to popular non-Microsoft apps and services



Data Loss Prevention for Microsoft Teams

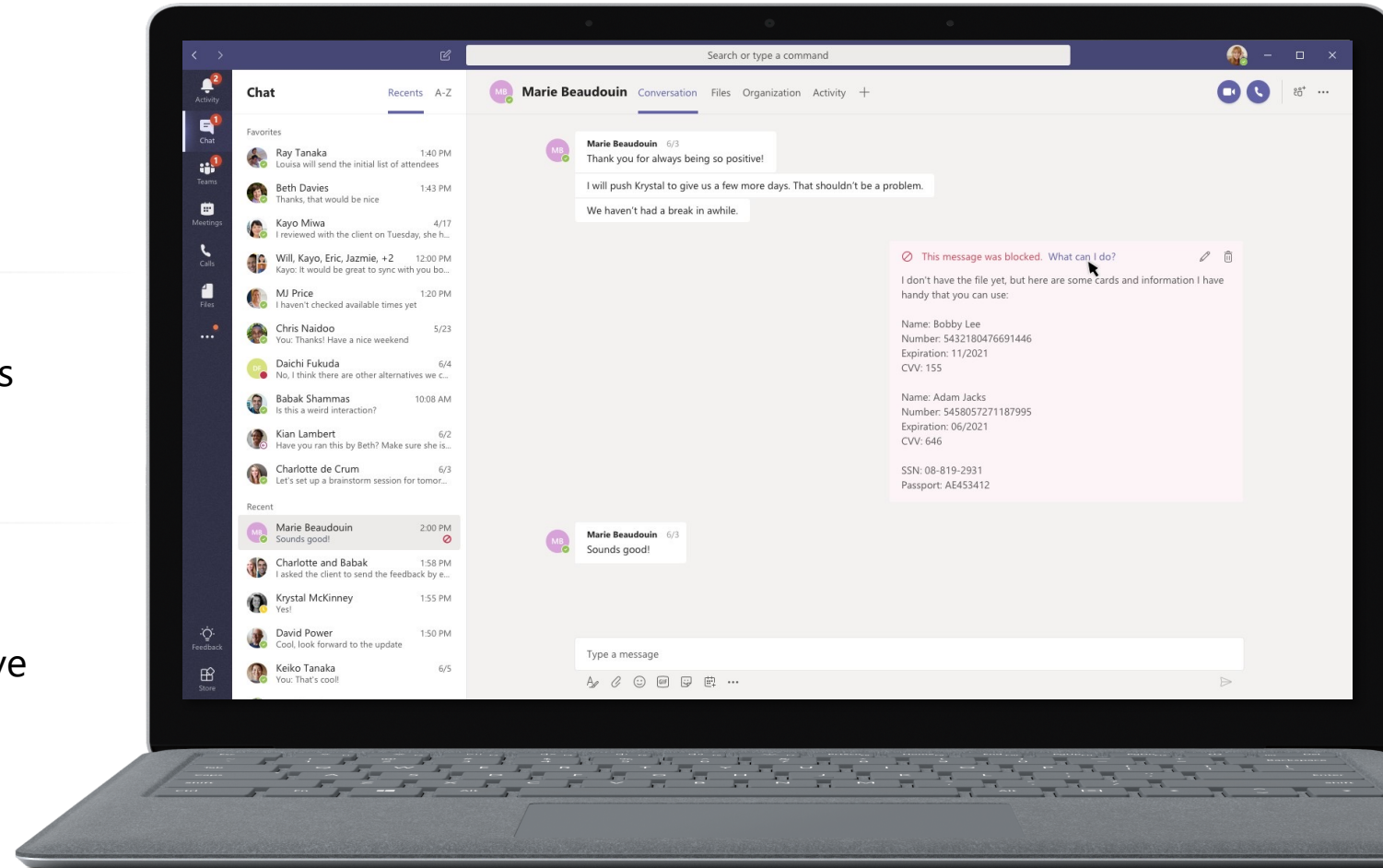


Prevent sharing sensitive information in a channel or chat session

Automatically block messages which contain sensitive information

Educate and guide end-users with notifications and “policy tips”

Unified classification engine supporting 90+ sensitive information types and custom sensitive info type creation



Microsoft Information Governance

Intelligent and built-in data and records management



In-place management

Retain data and manage records where your users collaborate

Automated policy

Classify and govern data at scale with pattern recognition and trainable classifiers

Ongoing data ingestion

Manage chats, social, and collaboration data beyond Microsoft with high-fidelity import

Enhanced defensibility

Demonstrate compliance with proof of disposals, defensible disposition, and rich audit trails

Information Governance

Keep what you need and delete what you don't

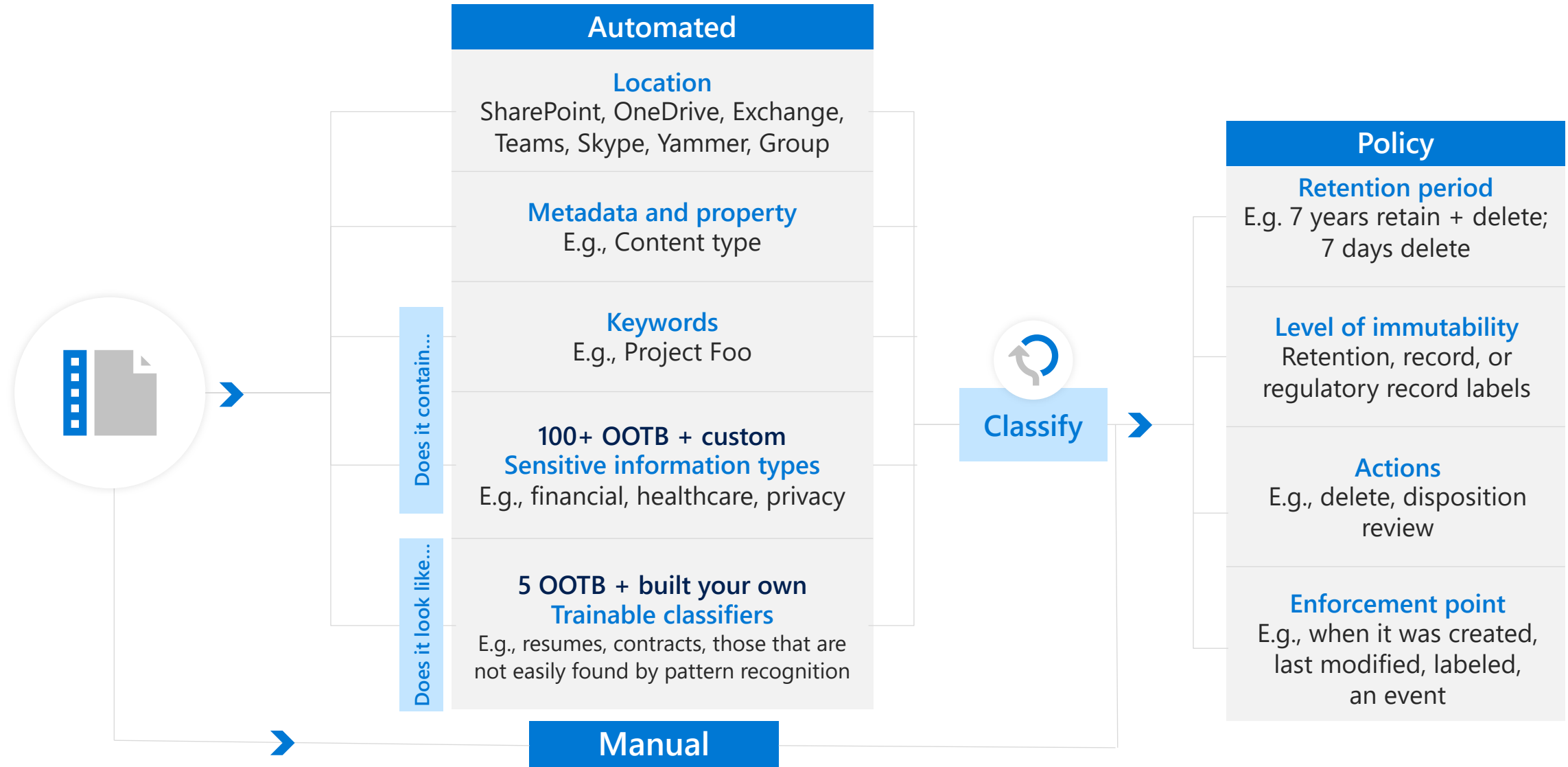


Records Management

Manage high value content and meet recordkeeping obligations



Classify and govern data and records intelligently





Insider Risk Management

Identify and take action on critical insider risks



54% of organizations say lack of visibility into risks across their digital estate is a top concern

Broad range of risks and violations from insiders





//

The Microsoft Insider Risk Management solution has helped us receive a 9.6 out 10 score from security audits. We can now intelligently evaluate relevant insider activities and set up actions to filter and report based on risk associated with the data stored and escalate to relevant parties.

//

Chad Ergun
Chief Information Officer
DGS Law

Insider Risk Management

Identify and take action on critical insider risks



Rich insights via tailored templates

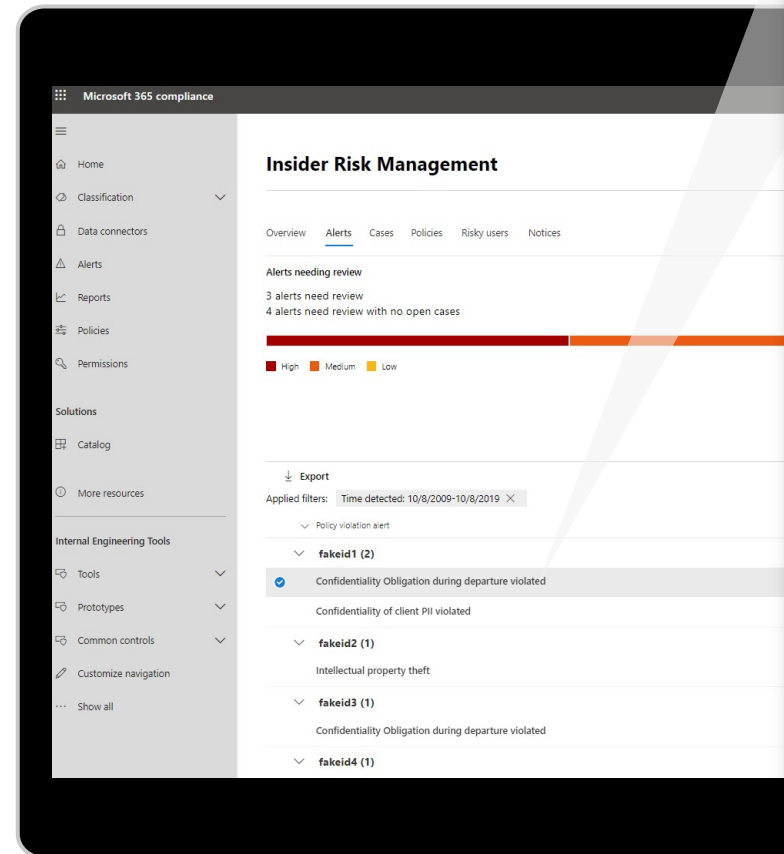
Machine learning correlates native and third-party signals to identify insider risks

Privacy built-in

Anonymity controls ensure data about risks is appropriately managed

End-to-end investigations

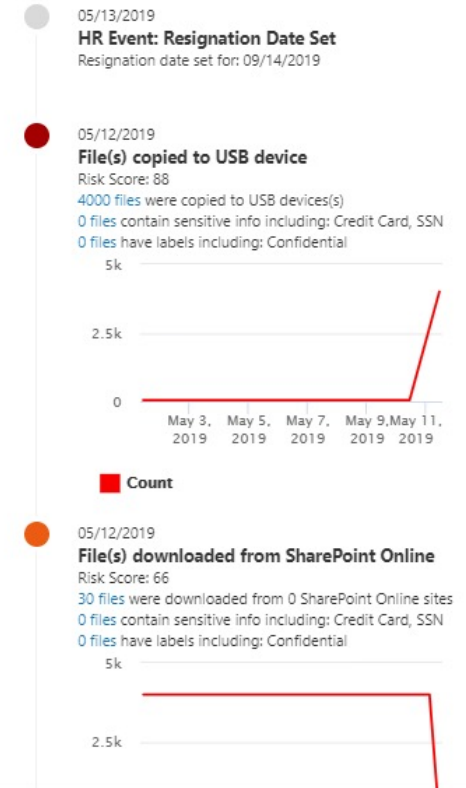
Integrated investigation workflows allow for collaboration across IT, HR, and legal



Confidentiality Obligation

Overview User activity User profile

History of recent user activity



Communication Compliance

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



Intelligent customizable playbooks

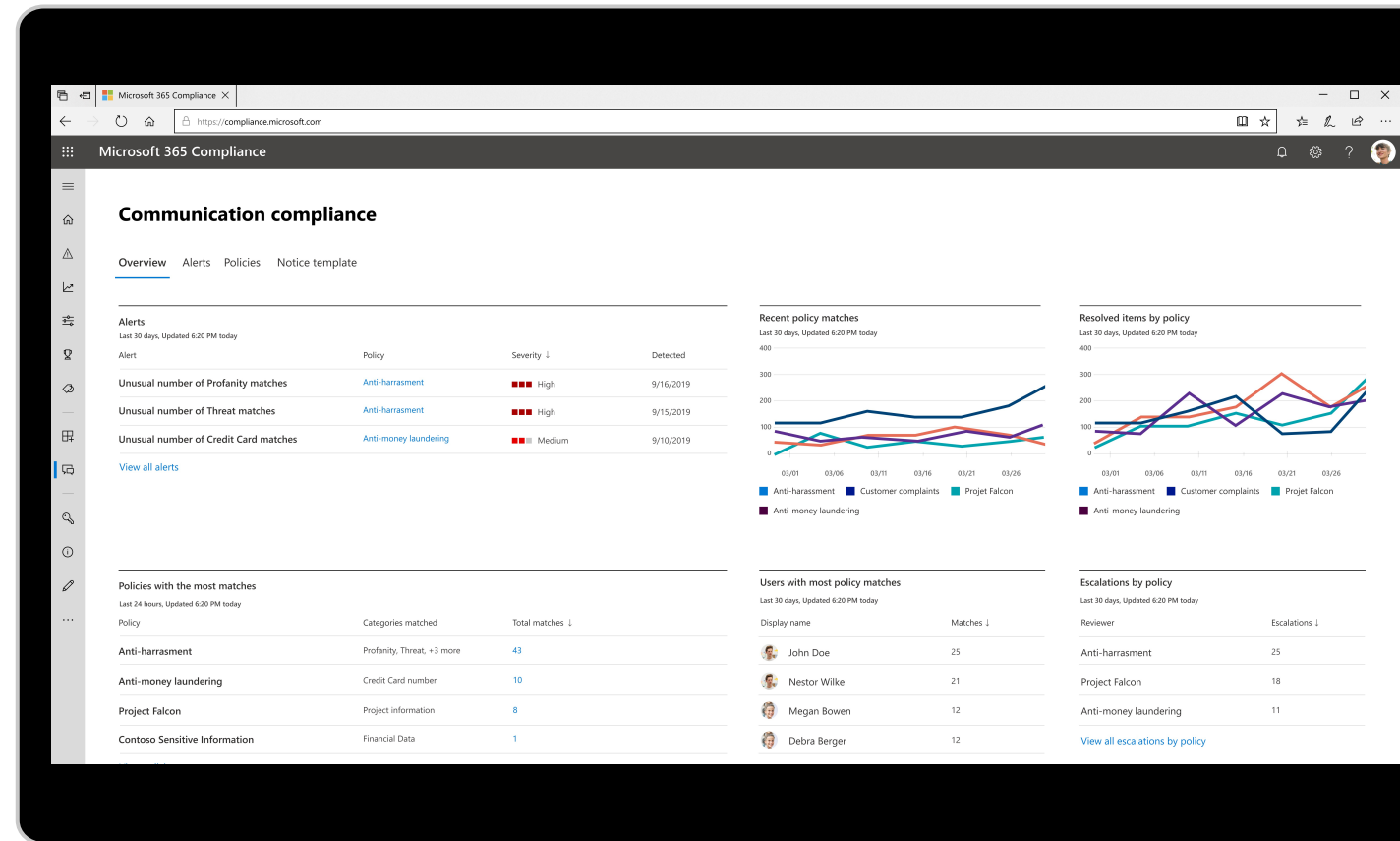
Leverage machine learning to detect violations across Teams, Exchange and third-party party content

Flexible remediation workflows

Remediation workflows to quickly act on violations

Actionable insights

Interactive dashboard with policy violations, actions, and trends



Privileged Access Management

Controlling privileged access by Microsoft service engineers and by your administrators

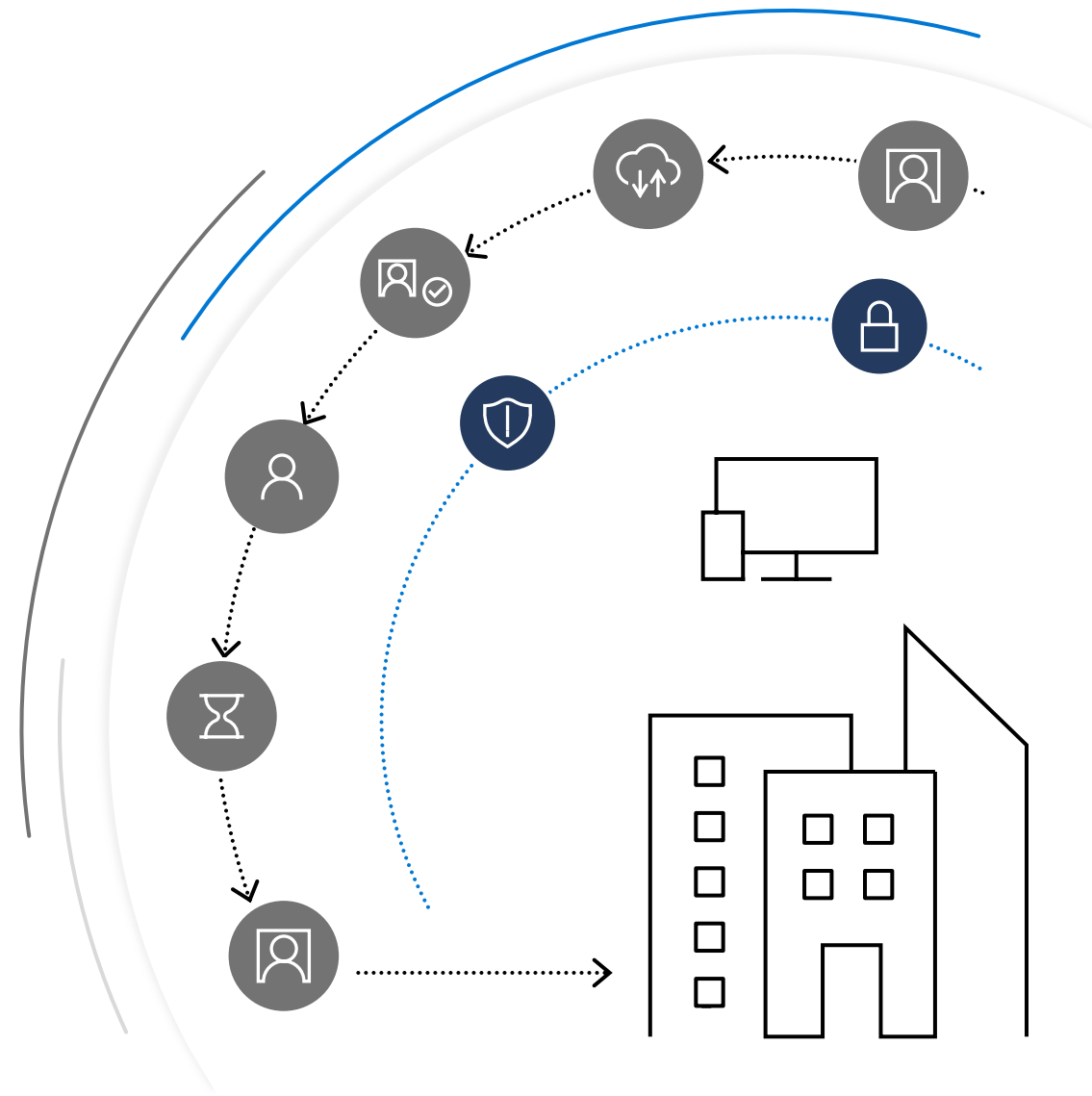


The principle of **zero standing access**

Just in time and **just enough access**

Privileged workflow

Logging and **auditing**



Built in Encryption and Key Mgmt

Capabilities for added protection and control

1 2 3 Meets **rigorous industry standards**



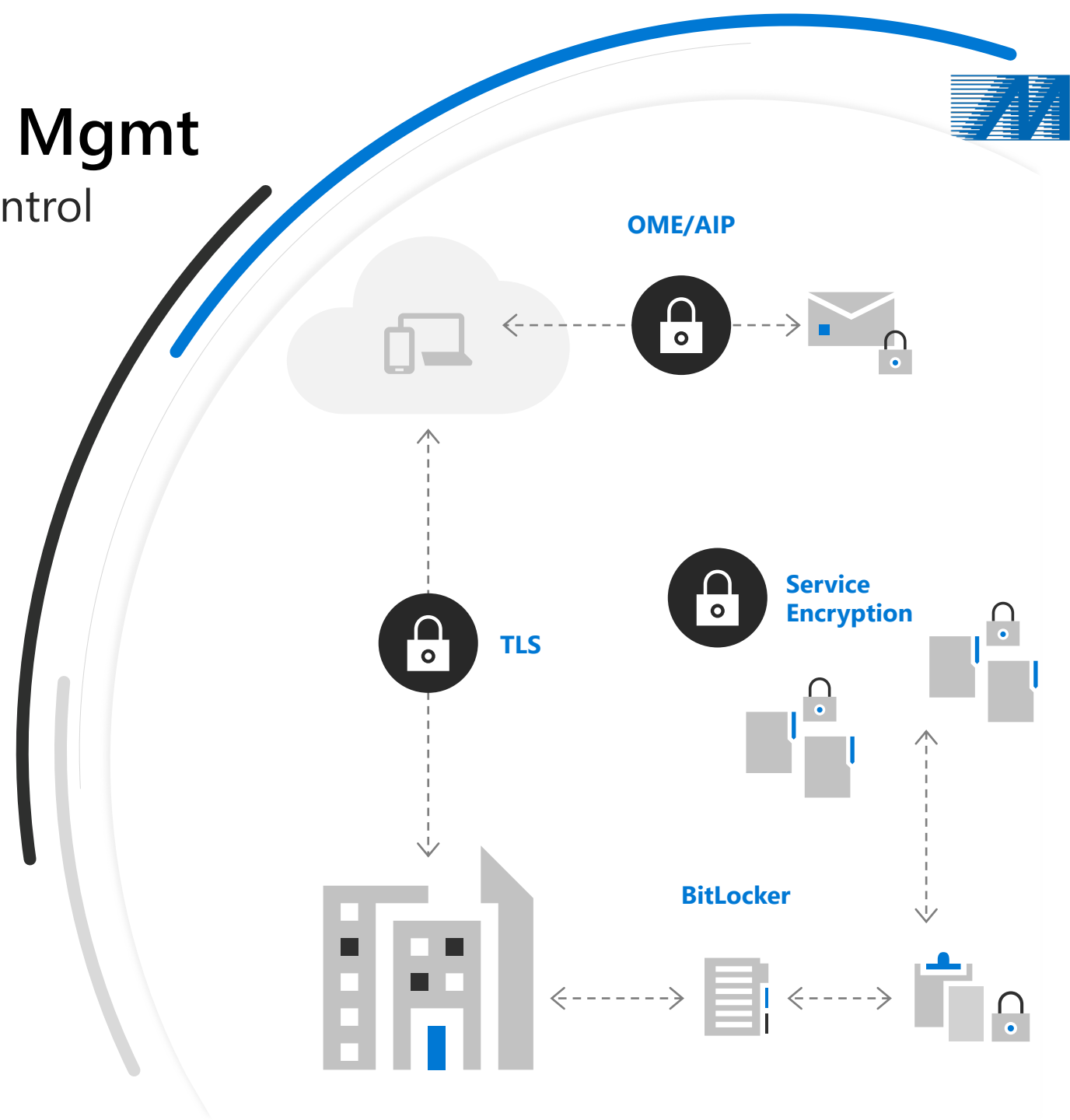
Data is **encrypted by default** at-rest and in-transit



Additional customer controls for added protection and control



Option to manage and control your own encryption keys to help meet compliance needs

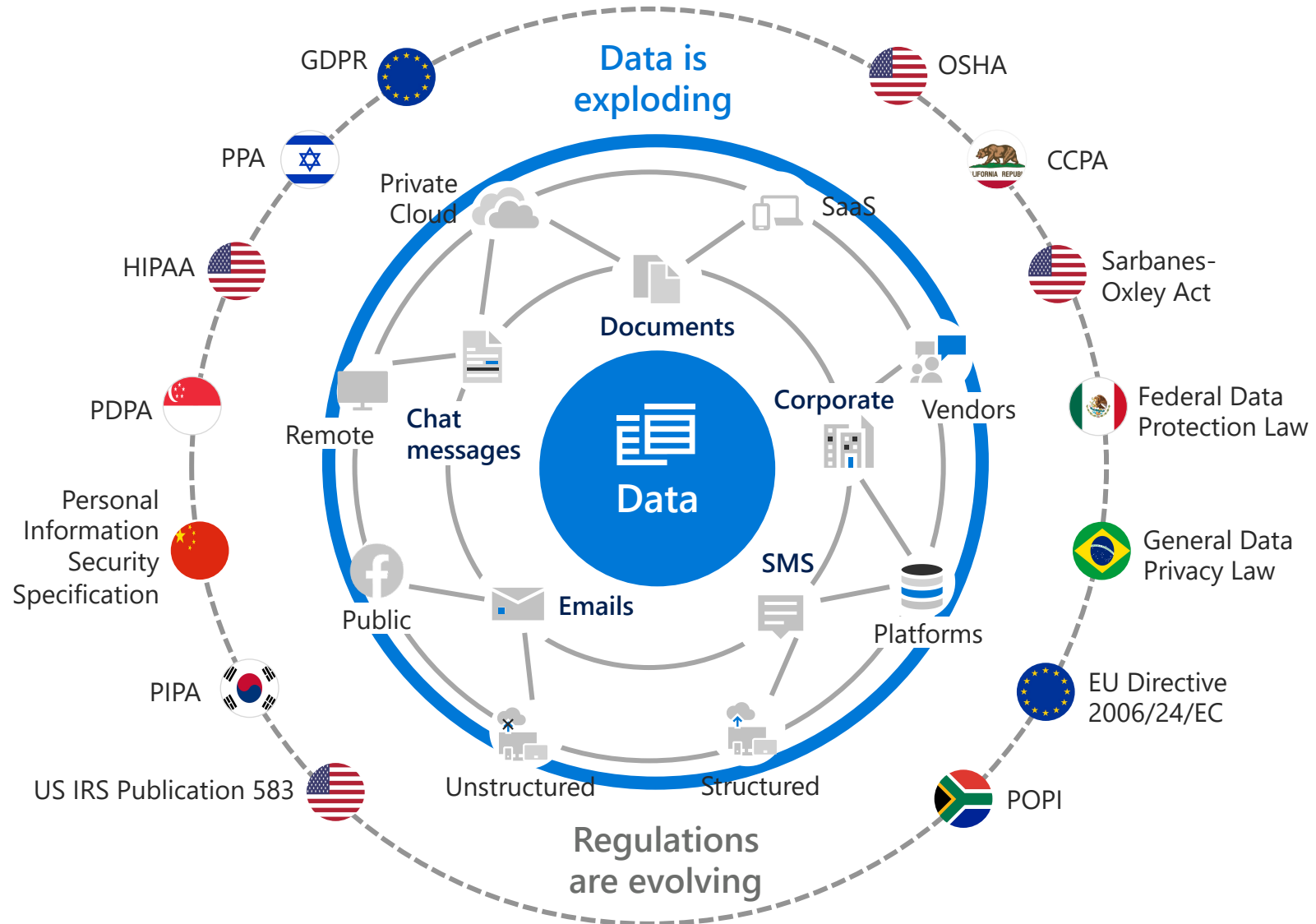




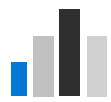
Discover & Respond


Quickly investigate and respond with relevant data


Discovering and managing data is challenging



Discovering data efficiently is top of mind for many organizations

 **74%**
orgs to shift some employees to remote work permanently

 **63%**
expect their company to conduct more investigations over the next three years

 **71%**
are considering leveraging technology and/or best practices to improve legal operations





Do more, **in-place** eDiscovery in Microsoft 365



Risk

Logging and auditing
from one place



Cost reduction

Export matter-relevant content

Lower cost per
custodian average



Efficiency

Reduce collection activities

Review relevant Microsoft 365 and
non-Microsoft 365 content faster

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

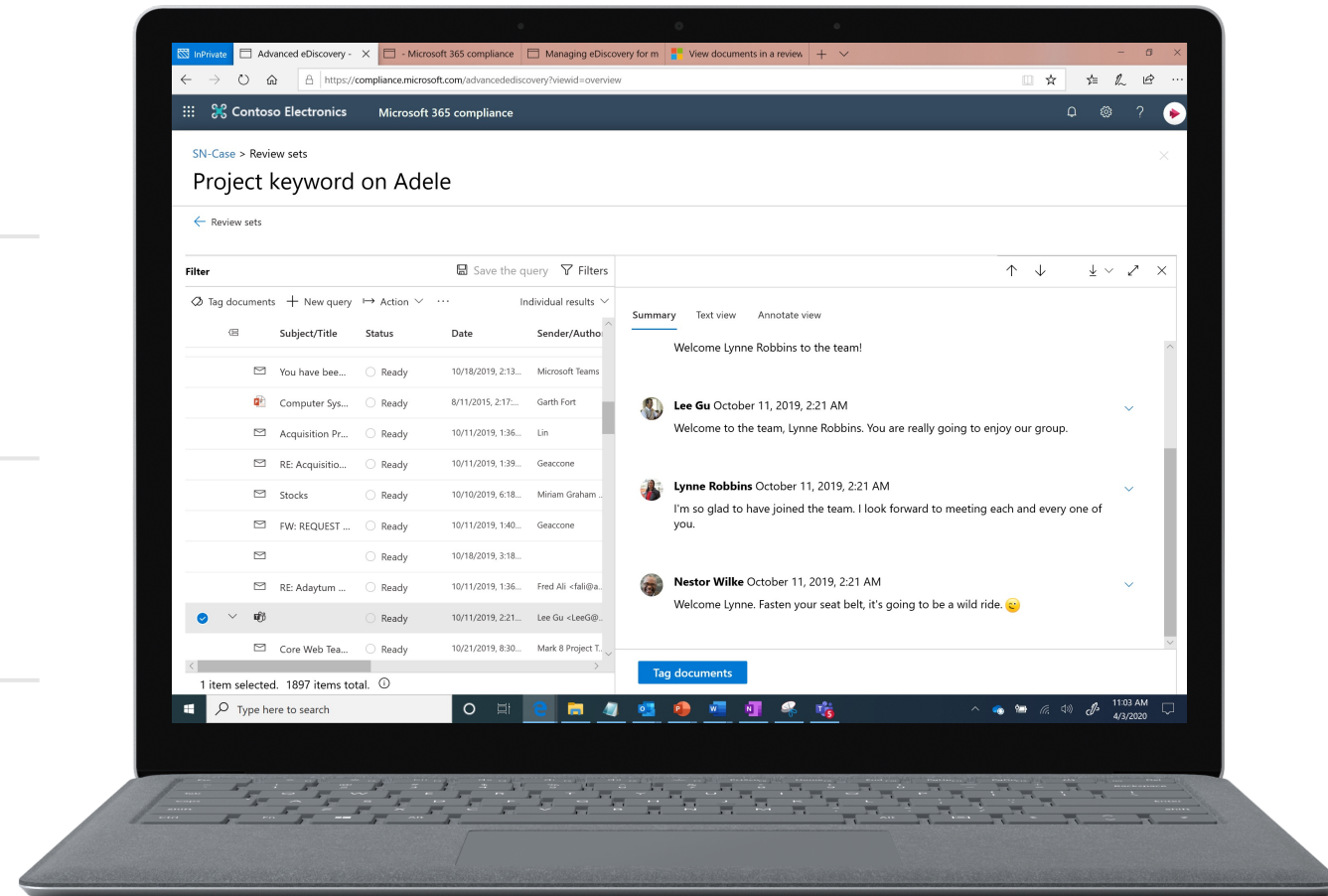
Deep processing (e.g., much higher size limits, non-Microsoft file types) to extract and index text and metadata

Review and manage case data

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

Cull your data intelligently with ML

Near duplicate detection, email threading, themes, and ML models to identify potential high value content



Advanced Audit

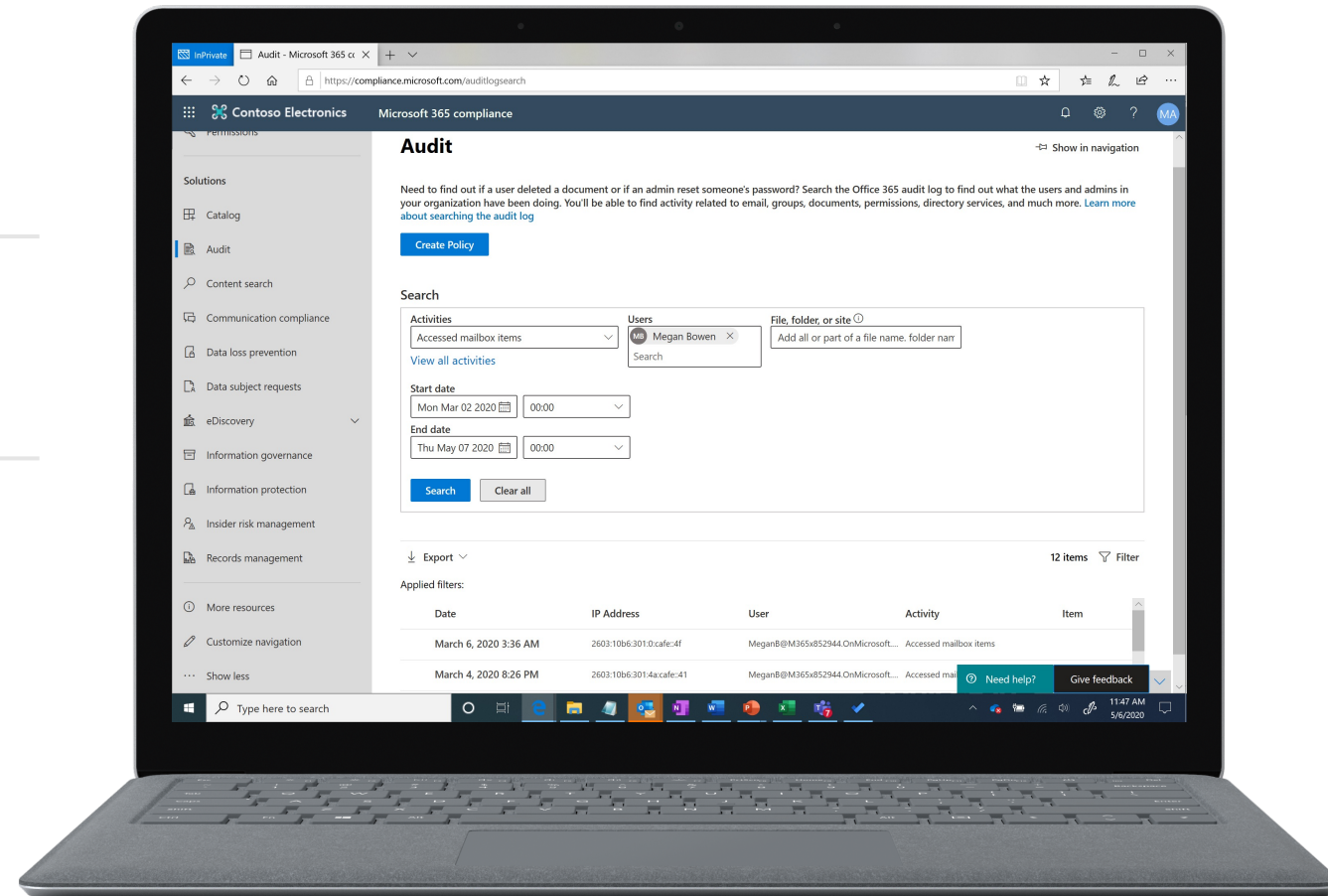
Power fast and effective forensic and compliance investigations



Access crucial events to investigations

Preserve audit logs granularly by individual and event for up to a year

High bandwidth access to data with ~2x the baseline





Compliance Management

Simplify compliance and reduce risk

Managing data and compliance risks is challenging



200+

updates per day from
1000 regulatory bodies

> 50%

of organizations state
that IT and cybersecurity
risks are their biggest
concern among all risks

#1

identifying and assessing
risks is the most time-
consuming task in risk
management


1. Cost of Compliance 2019, Thomson Reuters
2. Risk management market landscape web survey, Gartner, May 2019 (n=500, buyers and influencers of IRM solutions, 1000+ employees)
3. Deloitte's 2019 survey of risk management


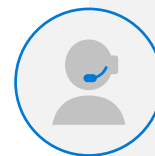
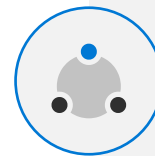
Shared responsibility model














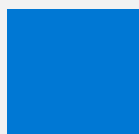

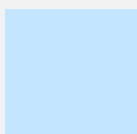


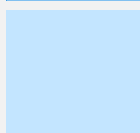
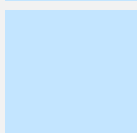


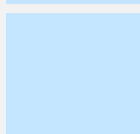
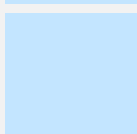

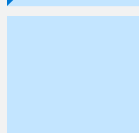
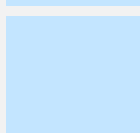
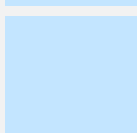
 **Customer management of risk**
Data classification and data accountability

 **Shared management of risk**
Identity & access management | End point devices

 **Provider management of risk**
Physical | Networking

 Cloud customer  Cloud provider



Responsibility	On-Prem	IaaS	PaaS	SaaS
Data classification and accountability				
Client & end-point protection				
Identity & access management				
Application level controls				
Network controls				
Host infrastructure				
Physical security				

Examples of shared responsibilities: NIST



Companies need tools and guidance

≡ ✓ Keeping up with new and frequently updated regulations is ongoing struggle

📄 Point-in-time assessments fail to identify risks between audits, a huge blindspot in a digital world

🗑 Collaboration on risk and compliance management is inefficient and siloed

⌵ Guidance is lacking to help with designing and implementing effective controls



"I describe my role a lot of times like playing **Whack-A-Mole** at the county fair and I'm knocking down one mole's head which is Sarbanes-Oxley and then PCI pops up, and I knock that one down, then something else pops up. So trying to keep everything going in the right direction and making sure something doesn't pop up and come back to bite us is extremely challenging."

IT decision maker,
hospitality industry

Microsoft Compliance Score

Simplify compliance and reduce risk

Public preview

Continuous assessments

Detect and monitor control effectiveness automatically with a risk-based score

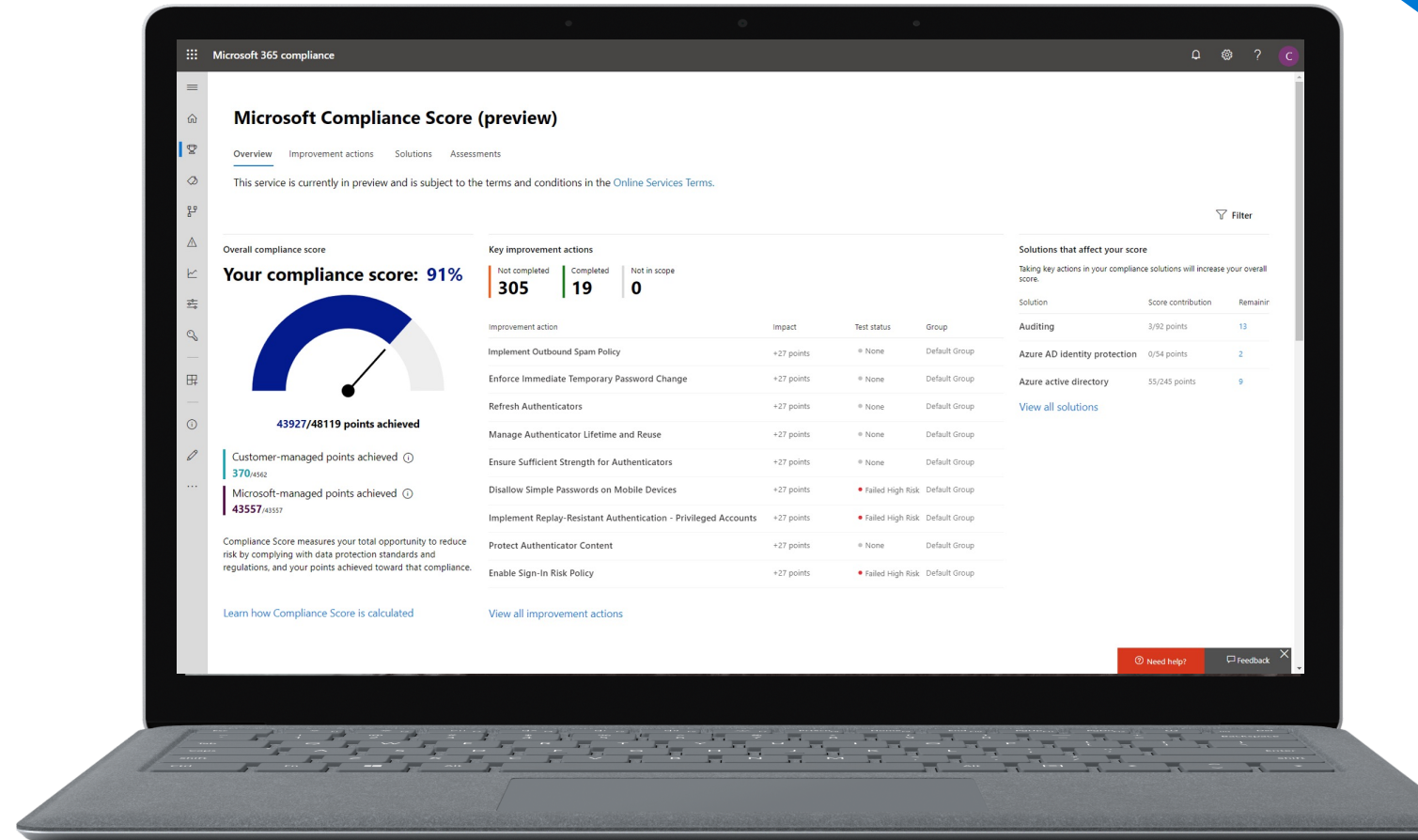
Recommended actions

Reduce compliance risks with actionable guidance

Built-in control mapping

Scale your compliance efforts with built-in mapping across regulations and standards

Compliance Score is a dashboard that provides your Compliance Score and a summary of your data protection and compliance posture. It also includes 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.





Consider a different approach



Reduce number of solution vendors and leverage shared responsibility



Know, protect and govern your sensitive data throughout its lifecycle

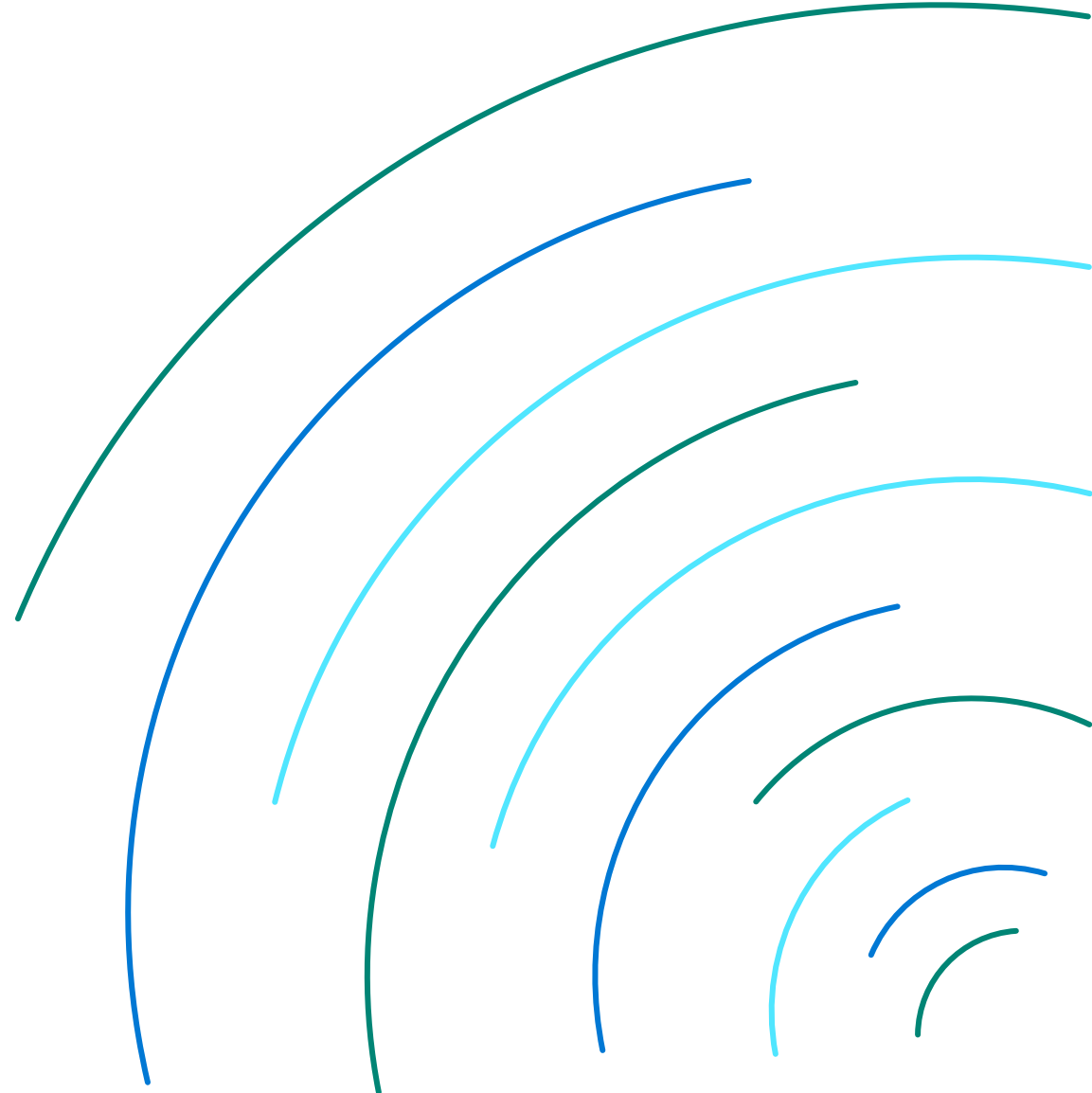


Implement more intelligent, built-in compliance solutions



Microsoft 365 Compliance

Intelligent compliance and risk
management solutions





Discussion





Appendix

