

# Speaking of security: Information protection



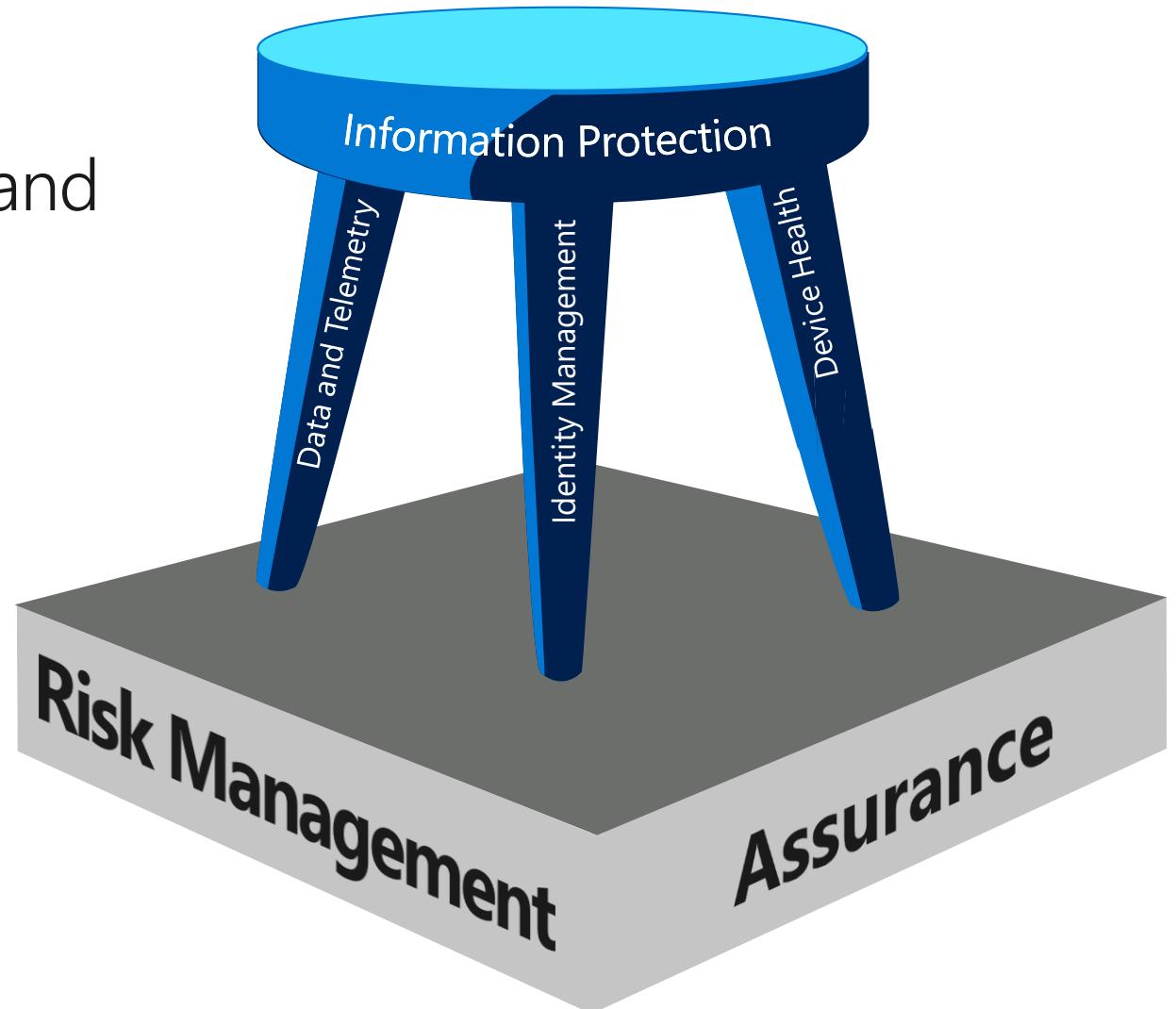
# What we'll cover today

- Security focus
- Digital security strategy
- Information protection
- The journey
- Information protection program
- Microsoft's approach to information protection
- Detecting sensitive content
- Best practices
- Q & A

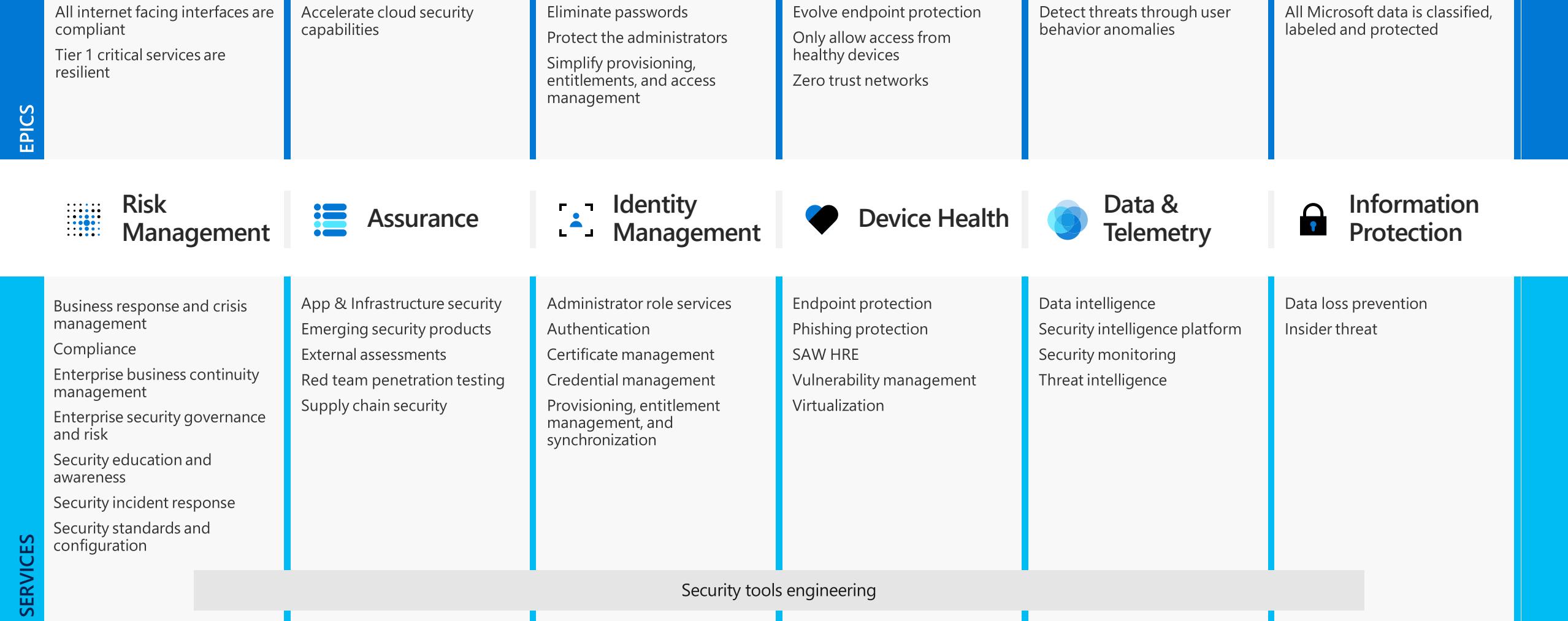


# Security focus

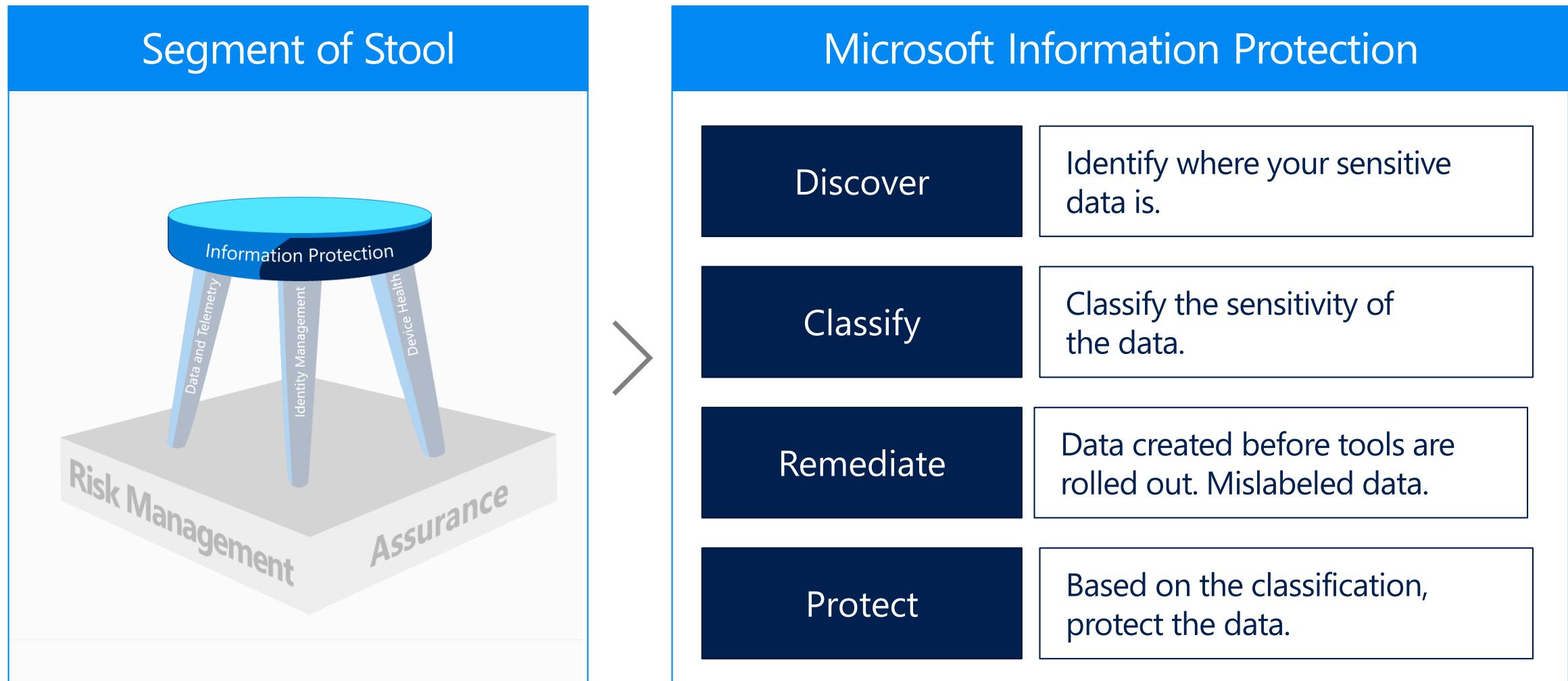
Balancing identity management, device health, data and telemetry, and information protection with risk management and assurance as the foundation.



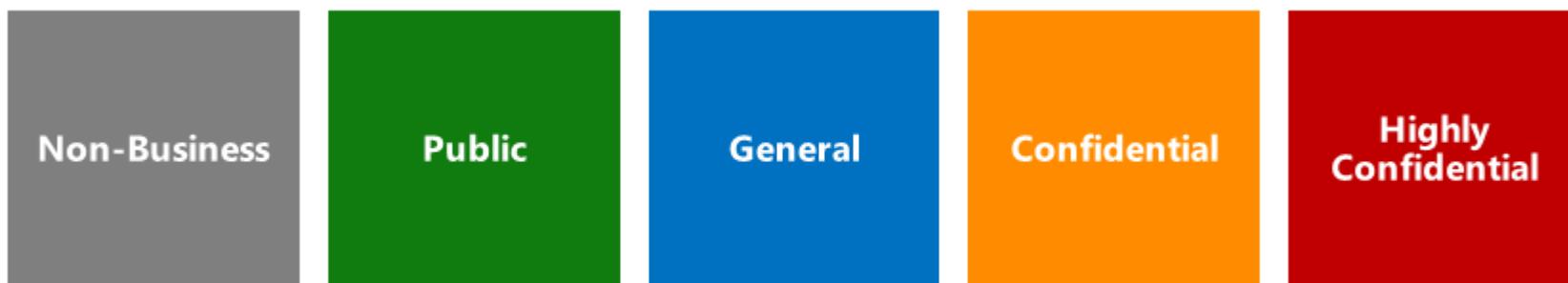
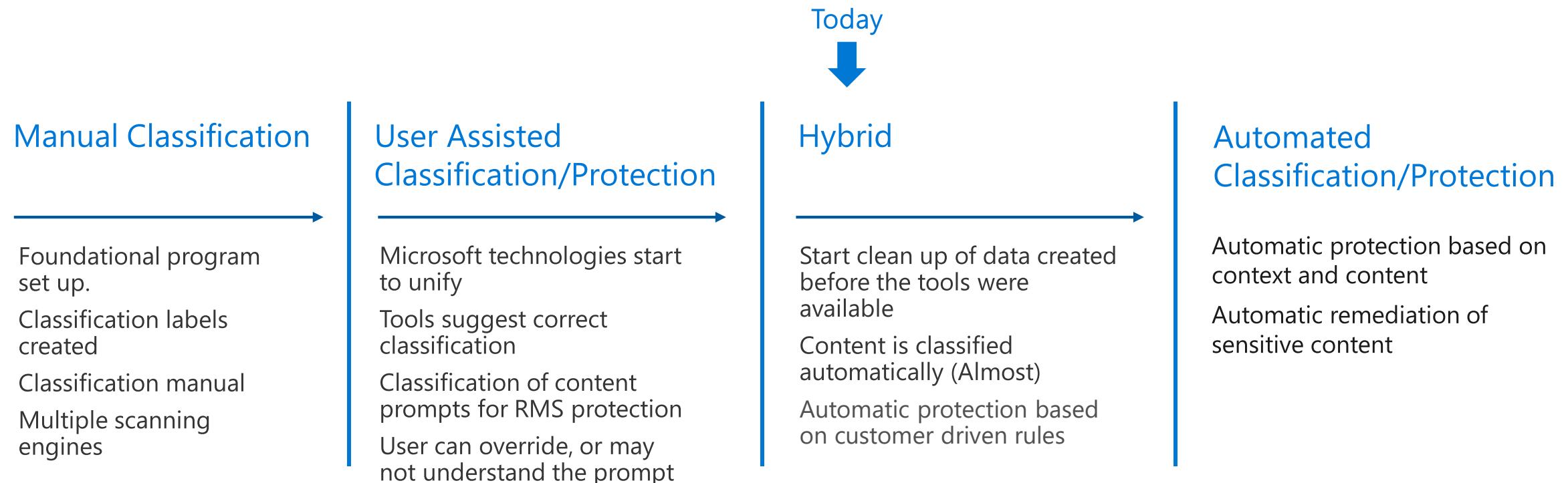
# 2019 Digital security strategy



# Information protection



# The journey



# Information protection program

## Customer / Regulatory Data

- PII, credit cards, identity numbers (SSN)
- Clear financial impact if lost
- Regulatory obligations
- Structured data – slightly easier to automate

## Clean up Identity Secrets

- Credentials, certificates, cloud keys etc.
- Known to be targeted by attackers
- Reduces attack surface
- Structured data – slightly easier to automate

## Other Confidential Data

- Trade Secrets, HR Data, Patents
- Needs white glove approach due to unstructured data
- Focused Education and Awareness

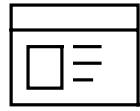
Governance Risk and Compliance & Legal

Education and Awareness

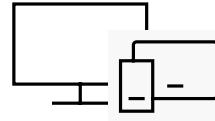
Tools

# How we leverage our own tools

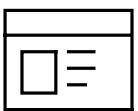
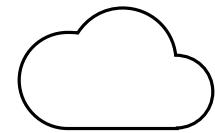
Protection of sensitive data throughout the lifecycle – inside and outside the organization



**Office 365  
Information Protection**



**Windows  
Information Protection**



**Azure  
Information Protection**



**Discover**

Scan & detect sensitive data based on policy



**Classify**

Classify data & auto apply labels based on content



**Remediate**

Reporting, alerts, remediation



**Protect**

Apply protection actions, including encryption, access restrictions

# Best practices

- Choose Classification terms and protection that is easy to understand and implement
- Proactively educate on how to handle information
- Bake information protection into the existing processes and minimize user impact as much as possible



# Resources

Access all IT Showcase resources at [Microsoft.com/ITShowcase](https://Microsoft.com/ITShowcase)

- [Webinar: Speaking of security: A discussion with Bret Arsenault, CISO at Microsoft](#)
- [Protecting files in the cloud with Azure Information Protection](#)
- [Using Azure Information Protection to classify and label corporate data](#)
- [Automating data protection with Azure Information Protection with Azure Information Protection scanner](#)
- [Windows Information Protection helps enforce data policy at Microsoft](#)
- [Securing the enterprise-safeguarding our customers and our data](#)
- [IT Expert Roundtable: Information protection at Microsoft](#)
- [Microsoft 365 helps create a secure and modern workplace](#)

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