

Microsoft Threat Protection

Protection Against Modern Attack Vectors



OUR COMMITMENT TO **YOU**



SECURITY



PRIVACY & CONTROL



COMPLIANCE



TRANSPARENCY



RELIABILITY

"CYBER SECURITY IS A **CEO ISSUE**."

- MCKINSEY

\$4.0M

is the average cost of a data breach per incident.

81%

of breaches involve weak or stolen passwords.

> 300k

new malware samples are created and spread every day.

87%

of senior managers have admitted to accidentally leaking business data.

CYBER THREATS ARE A **MATERIAL RISK** TO YOUR BUSINESS

OUR **UNIQUE** APPROACH



PLATFORM

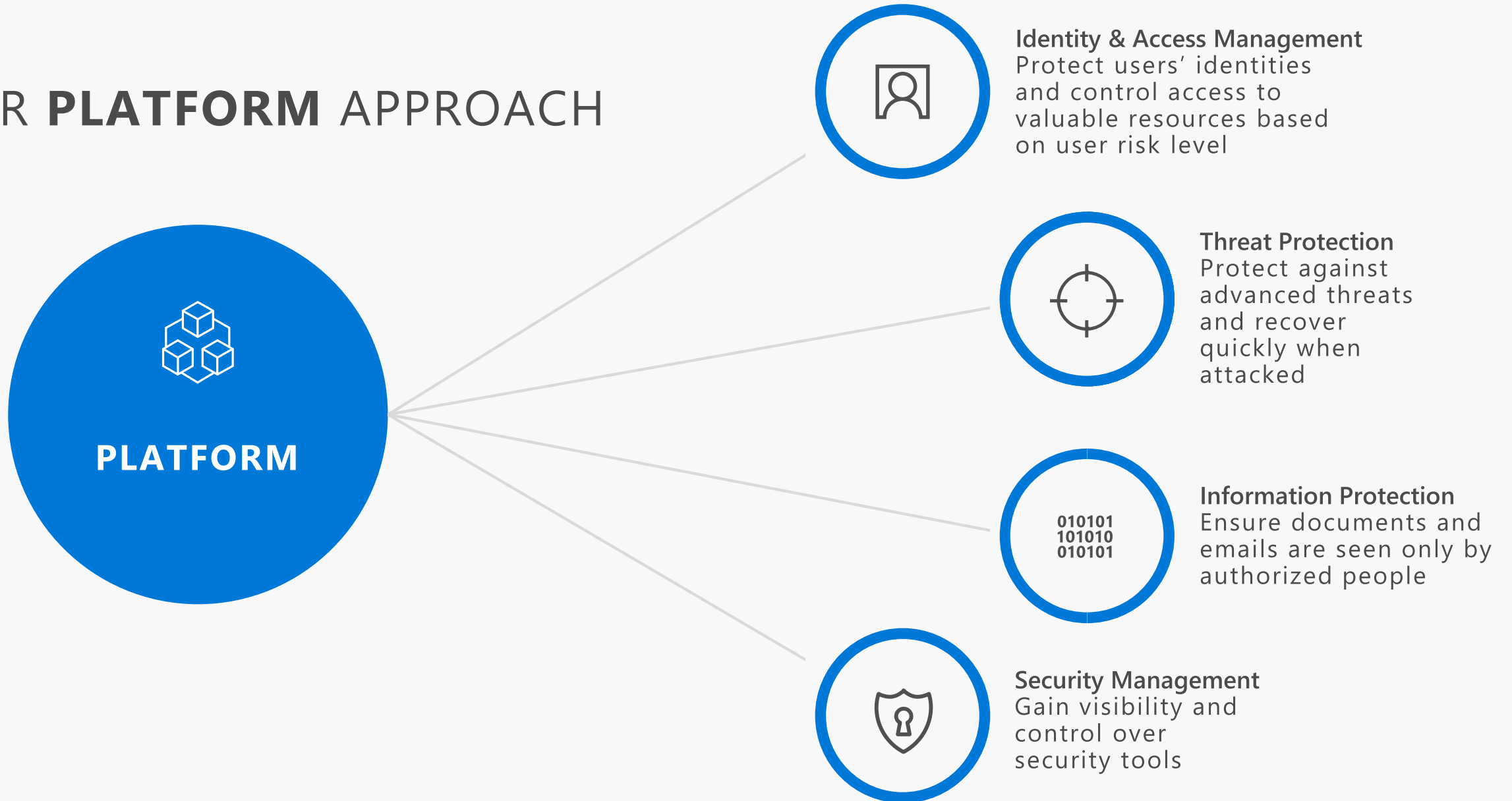


INTELLIGENCE



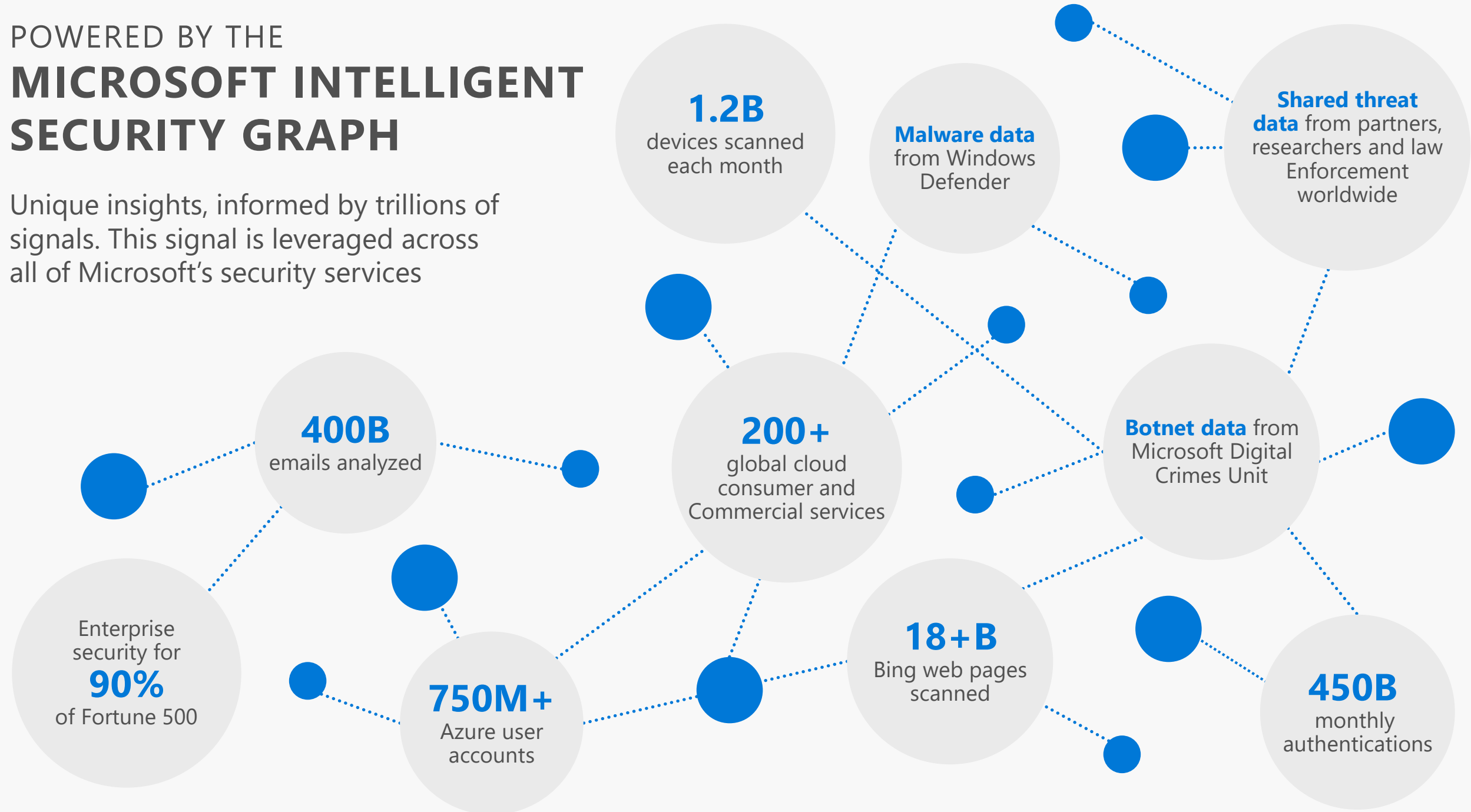
PARTNERS

OUR **PLATFORM** APPROACH

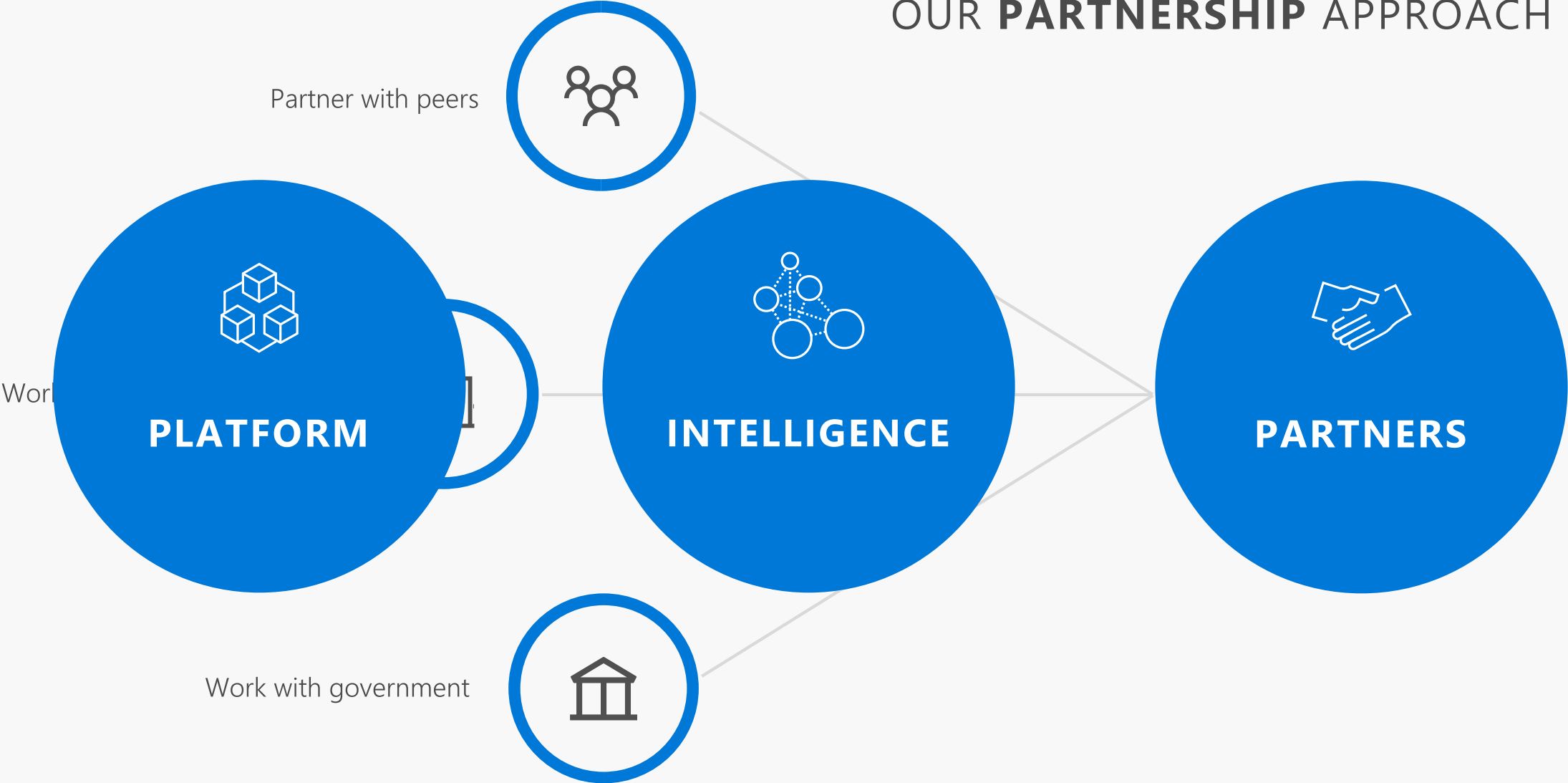


POWERED BY THE MICROSOFT INTELLIGENT SECURITY GRAPH

Unique insights, informed by trillions of signals. This signal is leveraged across all of Microsoft's security services



OUR **PARTNERSHIP** APPROACH

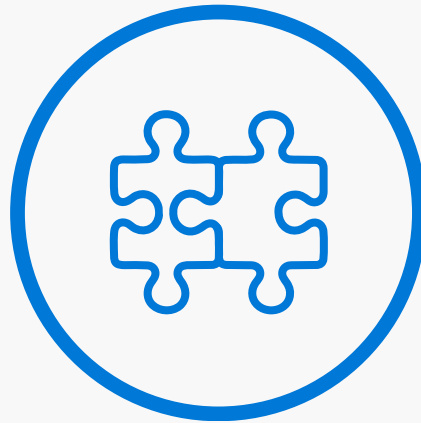


BUILDING ON OUR **STRENGTHS**

THE MICROSOFT INTELLIGENT SECURITY GRAPH ENABLES



Signal Breadth



Integrated Intelligence



Machine Learning/AI

TO **HELP OUR CUSTOMERS** WITH THEIR CHALLENGES



Exposure to Advanced Attacks

The escalation in the number of threats and sophistication of these threats leave many organizations more exposed to attacks.



Inability to Detect Malicious Activity

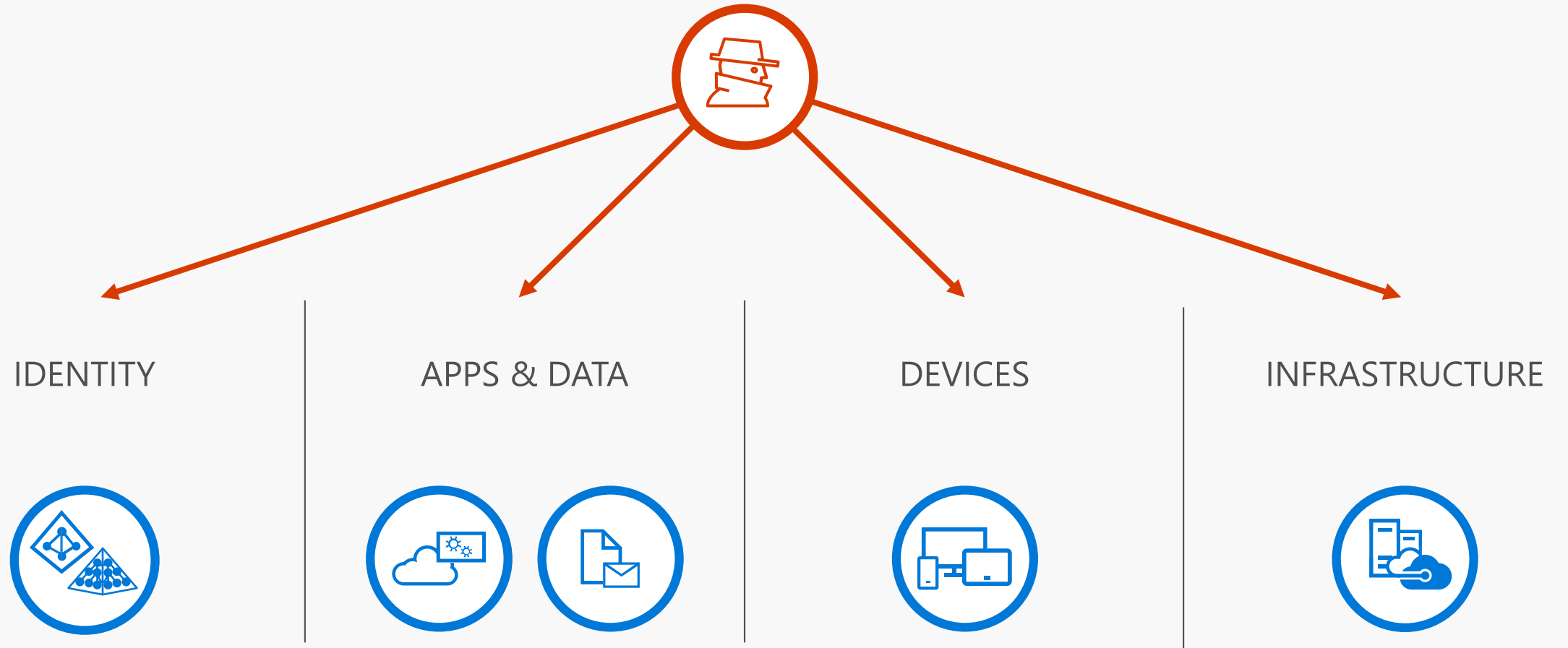
With the volume of threats and enhanced capabilities of attackers, detection of malicious activity has become increasingly difficult.



Difficulty in Responding to Threats Quickly

It is often difficult to know how to respond to a threats and the length of time to respond can add to the devastating effects of a breach.

UNDERSTANDING YOUR **VULNERABILITIES**



MICROSOFT CAN HELP **SOLVE THE CUSTOMER CHALLENGES**



PROTECT
organizations from
advanced cyber attacks



DETECT
malicious activities



RESPOND
to threats quickly

PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS

PROTECT Users

- Identify advanced persistent threats
- Detect suspicious activity
- Reduce false positives

PROTECT Apps and Data

- Stop Malicious email attachments
- Avoid malicious email links
- Defend the gateway
- File inspection and remediation
- Mitigate shadow IT
- Automatically block over sharing
- Risk detection for data in cloud apps

PROTECT Your Devices

- Prevent encounters
- Isolate threats
- Control execution

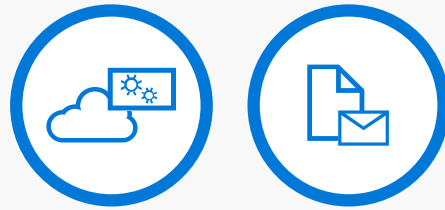
PROTECT workloads across hybrid infrastructure

- Assess security state continuously
- Remediate vulnerabilities and drive compliance
- Enable security controls

IDENTITY



APPS & DATA



DEVICES



INFRASTRUCTURE



PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS

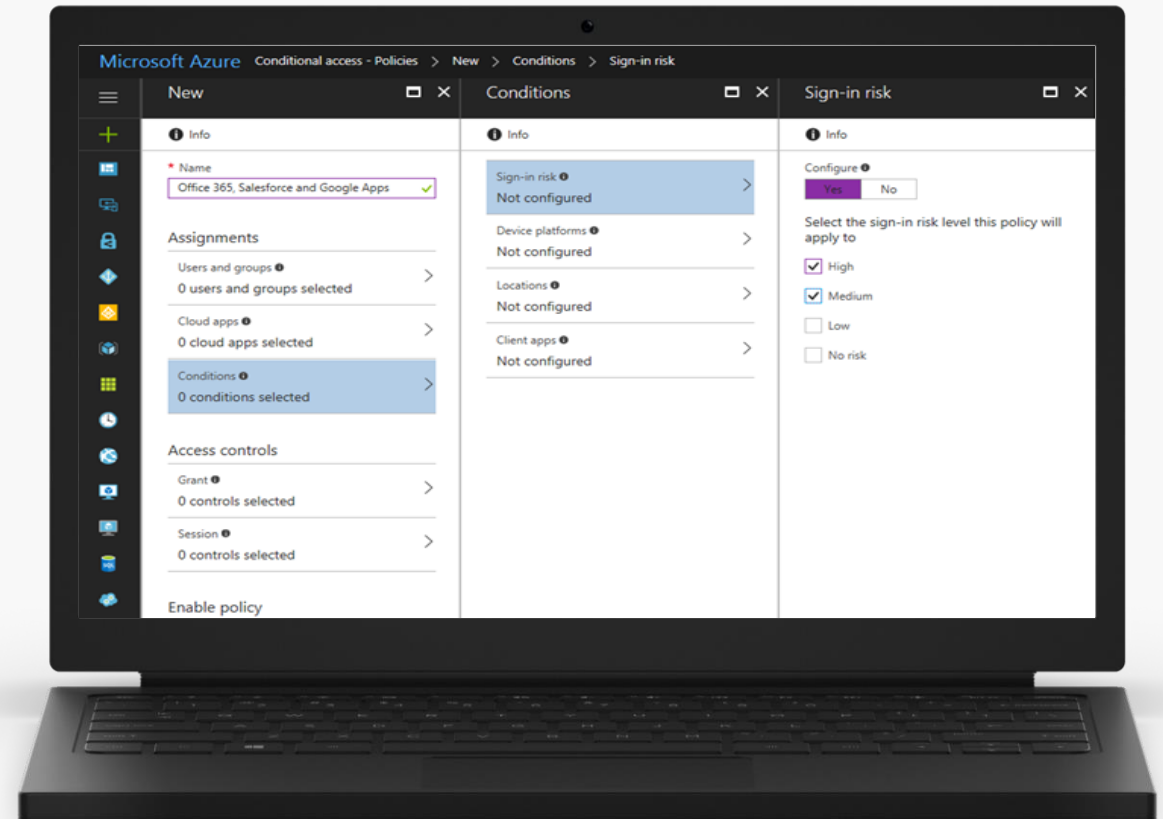


Protect Your Users

Protect your organization at the front door with risk-based conditional access

Detect known security vulnerabilities and risks in your organization based on world-class security research

Discover, control and protect your admin accounts with privileged identity management



PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS

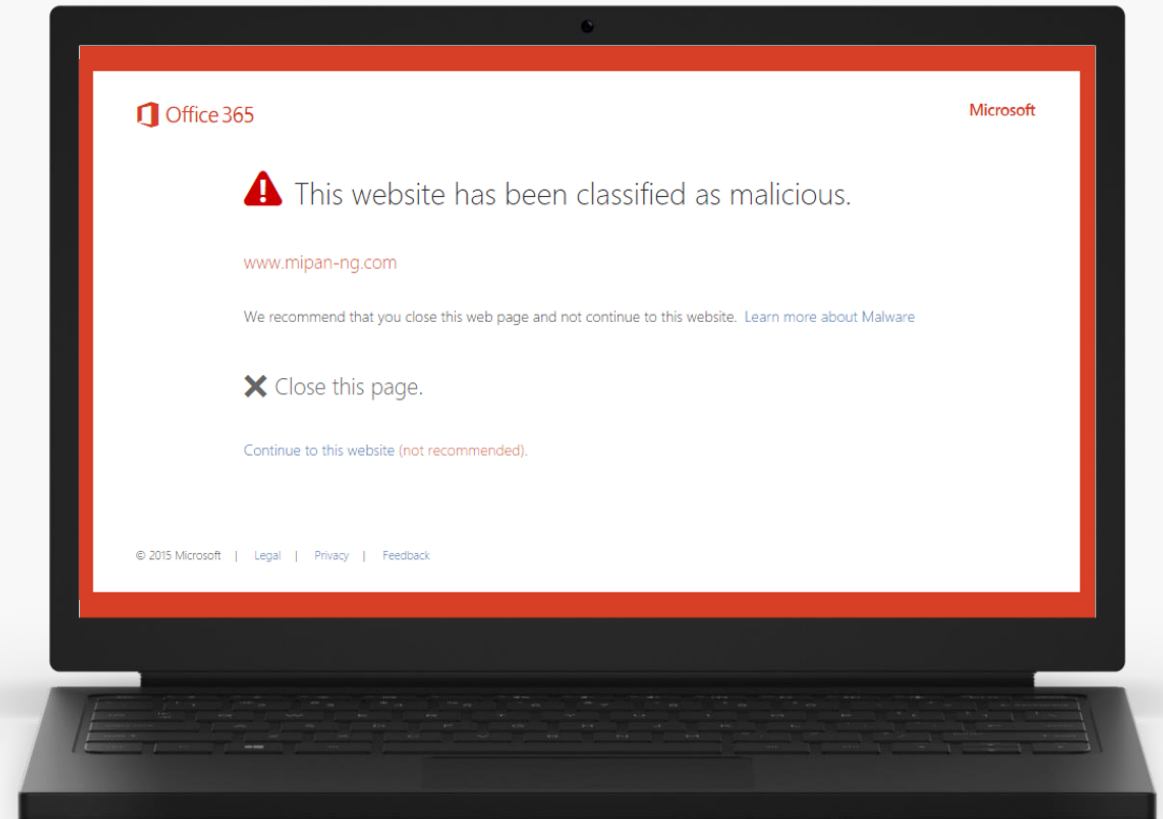


Protect Your Email

Stop malicious attachments

Provide time of click protection against malicious links

Stop known email threats



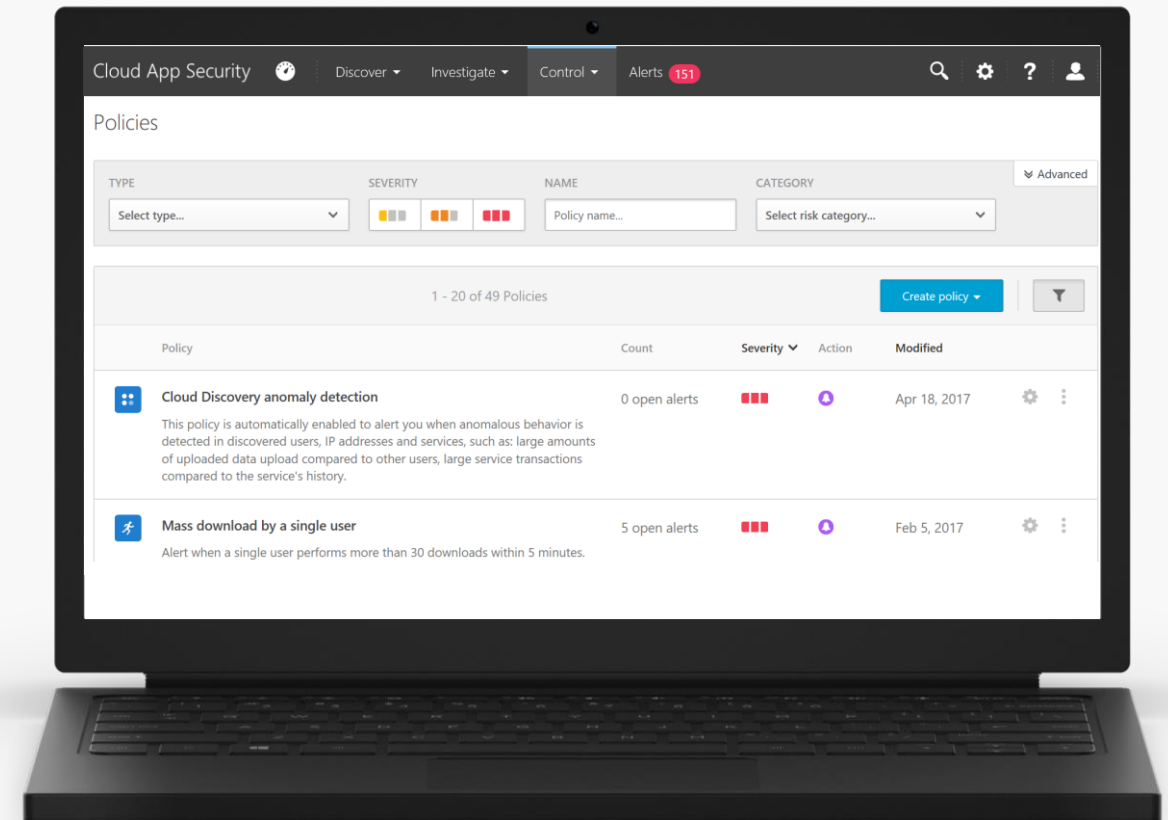
PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS



Protect Apps & Data

Control and protect data in cloud apps with granular policies & enhanced threat protection (Cloud Access security Broker)

Advanced security for all Office files as well as documents in cross-SaaS apps



PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS

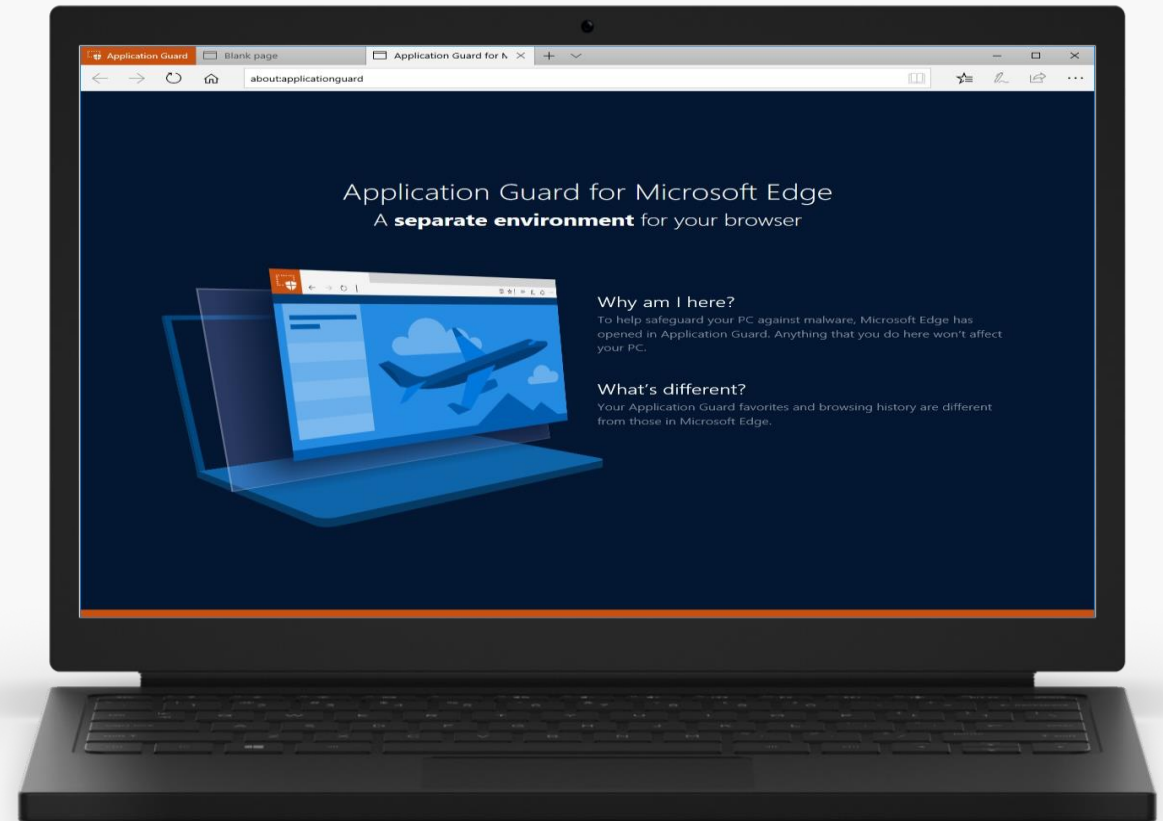


Protect Your Devices

Built-in next generation threat protection technologies

Using the power of the cloud to block malicious apps and websites

Stops attackers from establishing a foothold on the local machine



PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS



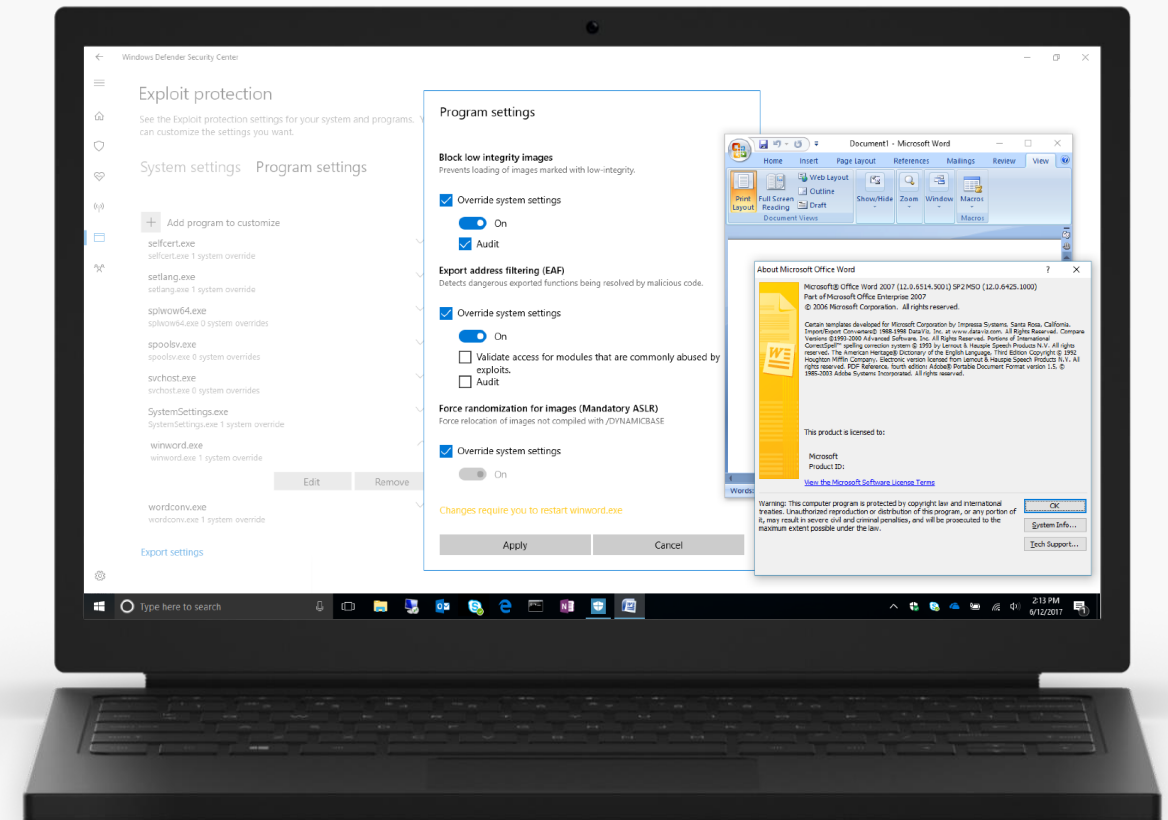
Protect Your Devices

Isolate sensitive windows components and data which

Prevent exploitation of vulnerabilities, host intrusion and files-less based attacks

Block malicious unauthorized apps using application control

Stop the execution of malicious apps and behaviors



PROTECT ORGANIZATIONS FROM ADVANCED CYBER ATTACKS

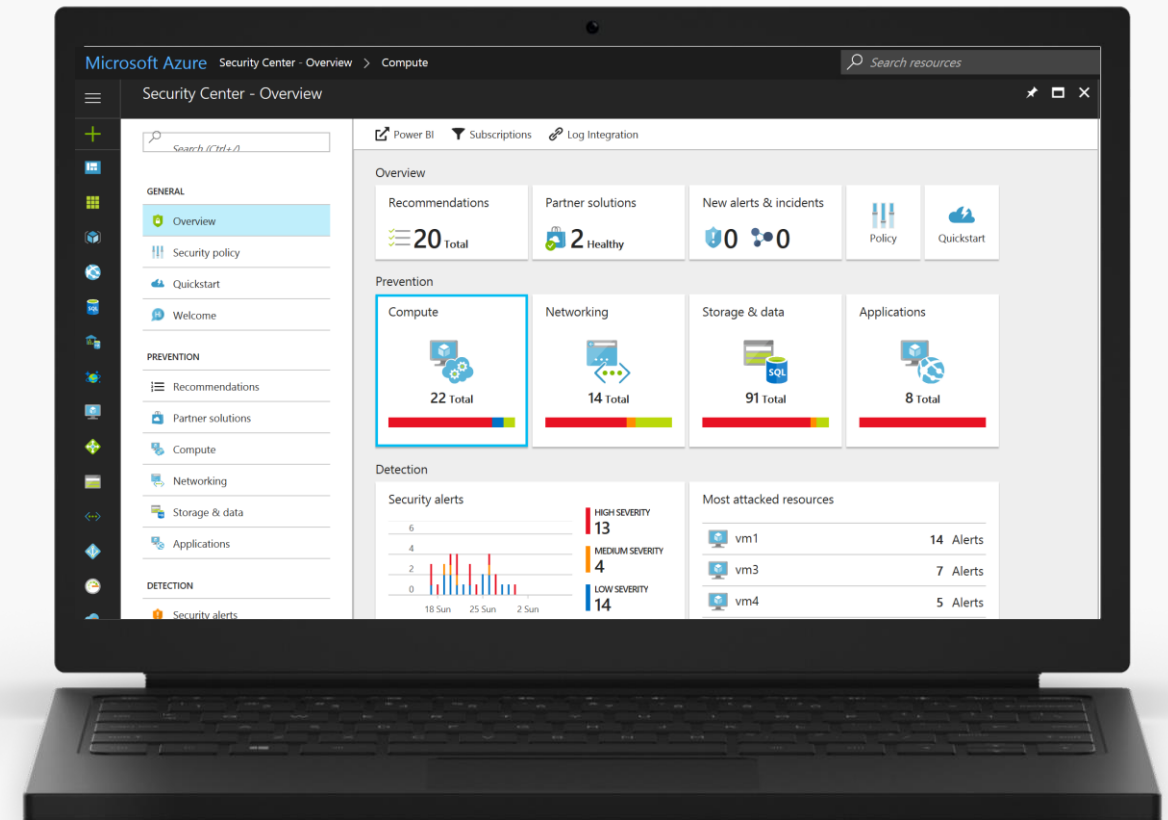


Protect Workloads Across Hybrid Infrastructure

Mitigate vulnerabilities with continuous assessment and recommendations

Reduce attack surface with application whitelisting, just in time access to ports

Rapidly deploy security controls from Microsoft and partners to cloud workloads



HOWEVER WE LIVE IN A WORLD
WHERE **BREACHES STILL OCCUR**



DETECT MALICIOUS ACTIVITY IN ORGANIZATIONS

DETECT compromised
user credentials

DETECT malicious apps
and data

DETECT advanced threats
and abnormal behavior

DETECT advanced threats to
hybrid workloads

IDENTITY



APPS & DATA



DEVICES



INFRASTRUCTURE



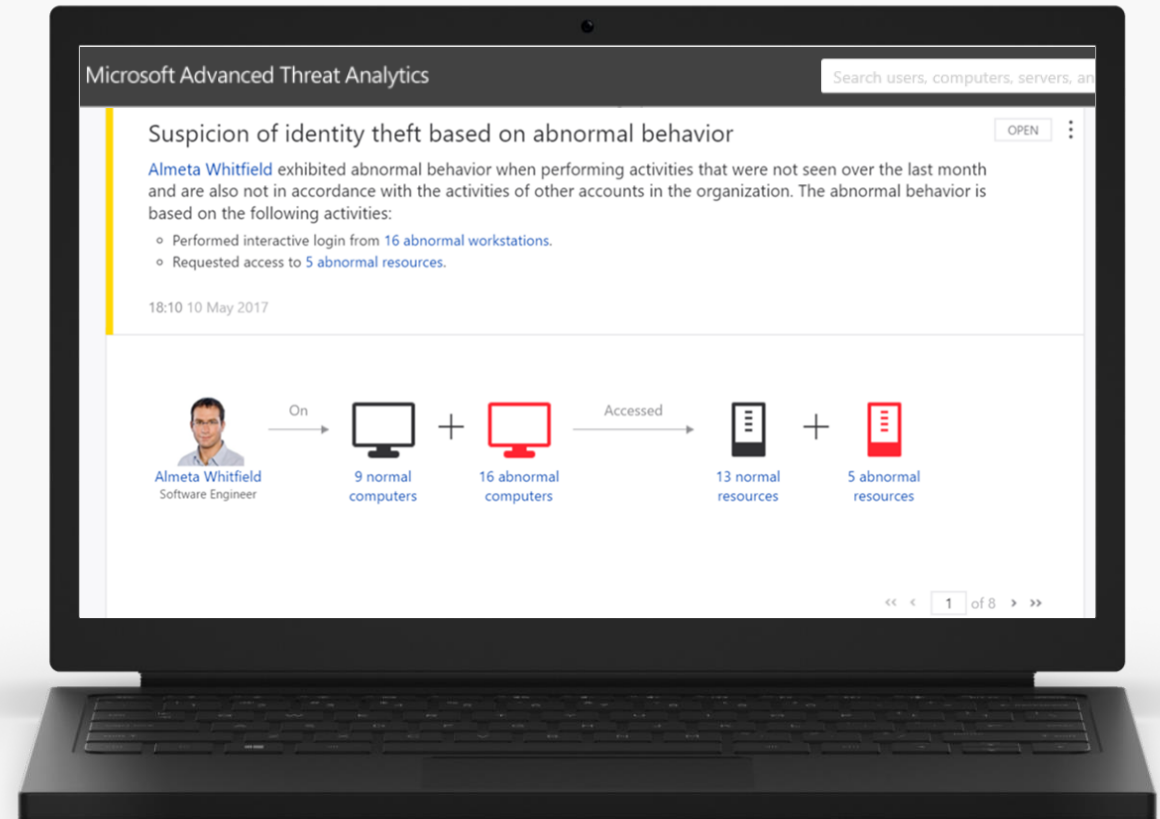
DETECT MALICIOUS ACTIVITY IN ORGANIZATIONS



Detect Abnormal Identity Behavior & Malicious Attacks On-Premises

Detect suspicious behavior and anomalies using behavioral analytics on-premises & in the cloud

Identify malicious attacks inside your network leveraging machine learning (i.e. Pass-the-Hash, Pass-the-Ticket, lateral movement)



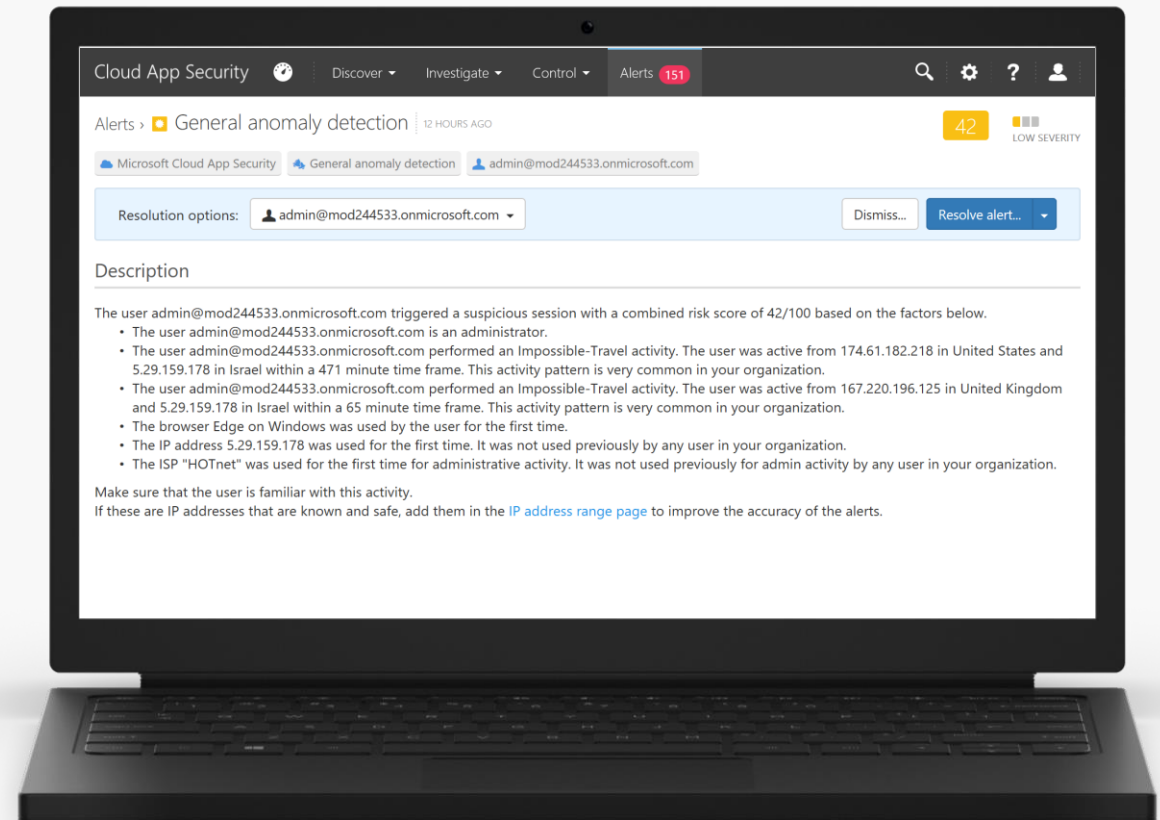
DETECT MALICIOUS ACTIVITY IN ORGANIZATIONS



Detect Abnormal Behavior & Anomalies in Cloud Apps

Identify high risk usage, cloud security issues, detect abnormal user behavior in cloud apps.

Identify and stop known attack pattern activities originating from risky sources with threat prevention enhanced with vast Microsoft threat intelligence



DETECT MALICIOUS ACTIVITY IN ORGANIZATIONS



Visibility into Malicious Emails/ Files and Activity

Access message and url trace reports

Determine email attachment detonation results

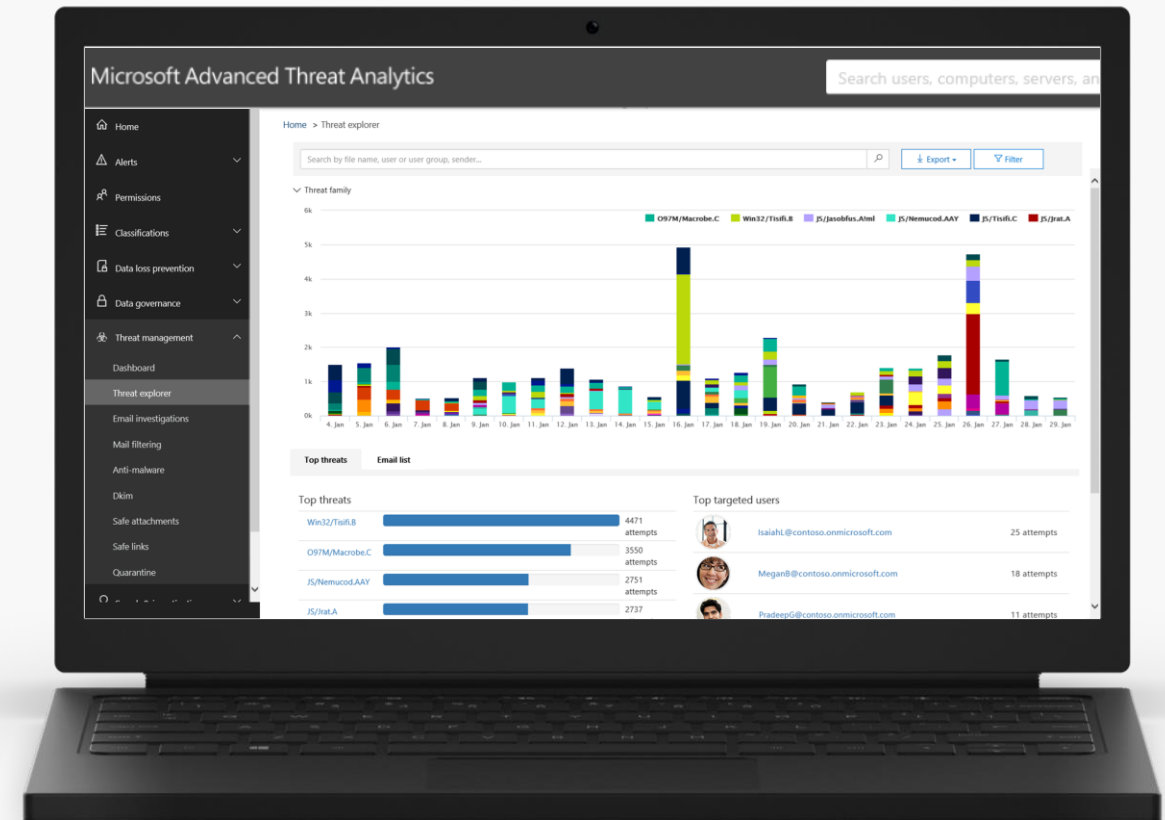
Gain visibility into the threat landscape

Determine top targeted users

Read detailed campaign reports

Monitor cloud app usage

Monitor end user behavior patterns to
determine anomalous behavior



DETECT MALICIOUS ACTIVITY IN ORGANIZATIONS

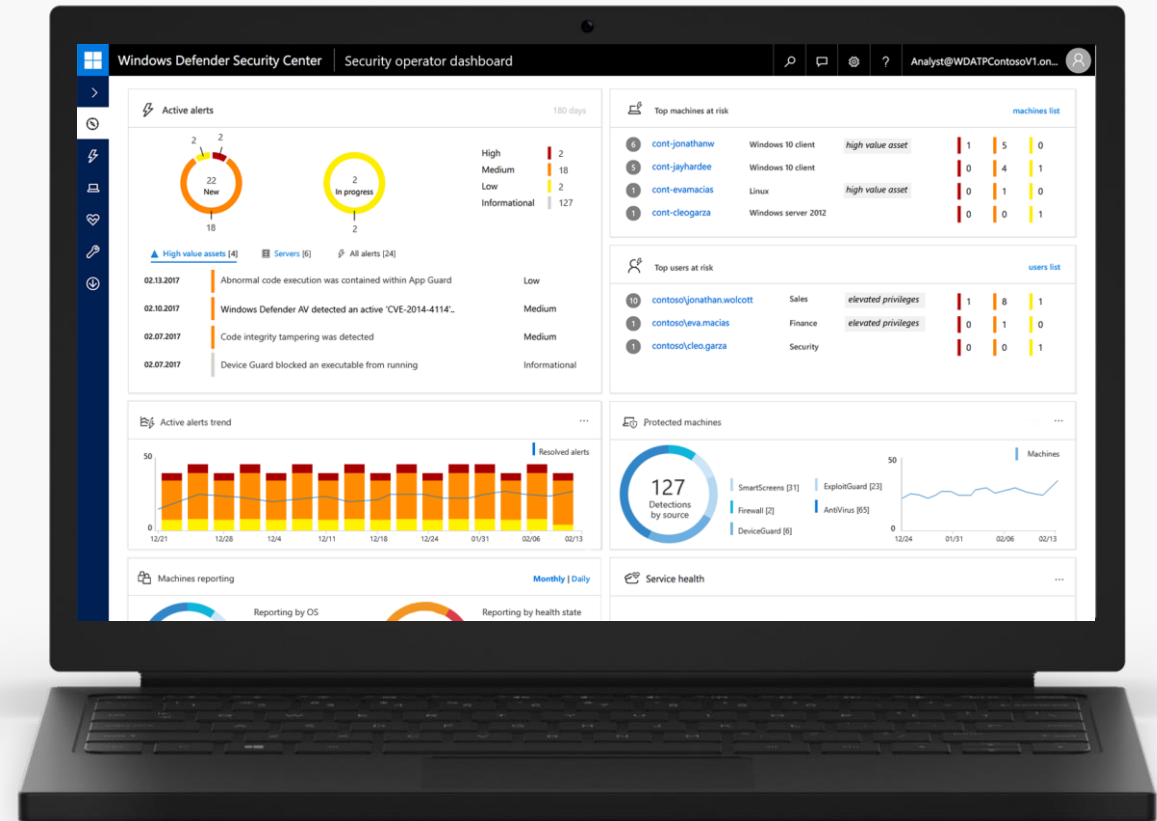


Detect Abnormal Behaviors

Detect targeted advanced attacks and zero days.

Visually investigate forensic evidence across your devices to easily uncover scope of breach, assess the entire footprint of the incident, and trace it back to identify the root cause.

Search and explore 6 months of historical data across your devices



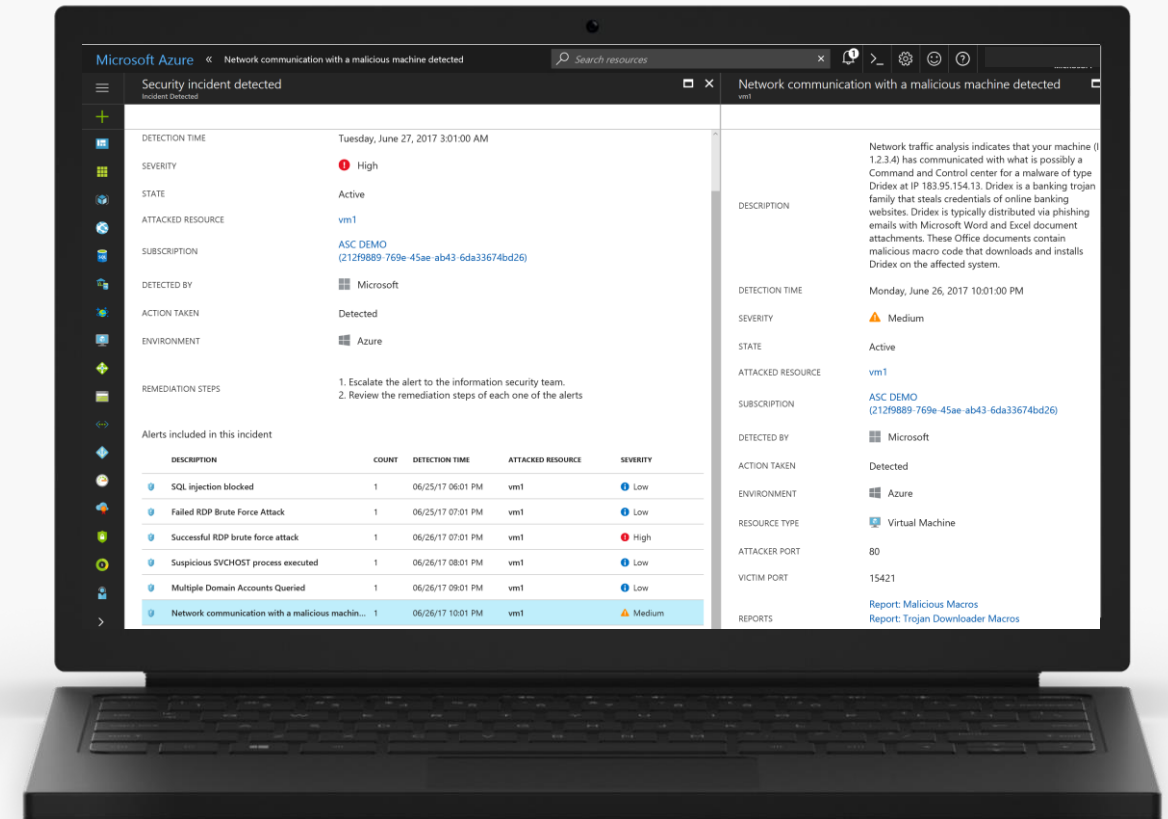
DETECT MALICIOUS ACTIVITY IN ORGANIZATIONS



Detect Advanced Threats to Hybrid Workloads

Built-in behavioral analytics and anomaly detection to identify real attacks across servers, networks, storage and apps

Arm yourself with information about an attacker's actions mapped across the kill chain, objectives, and tactics



RESPOND TO THREATS QUICKLY

RESPOND to compromised identities

RESPOND to compromised apps and data

RESPOND to compromised devices

RESPOND early to compromised workloads across hybrid infrastructure

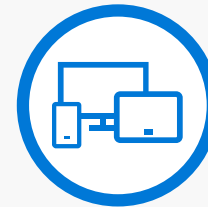
IDENTITY



APPS & DATA



DEVICES



INFRASTRUCTURE



RESPOND TO THREATS QUICKLY

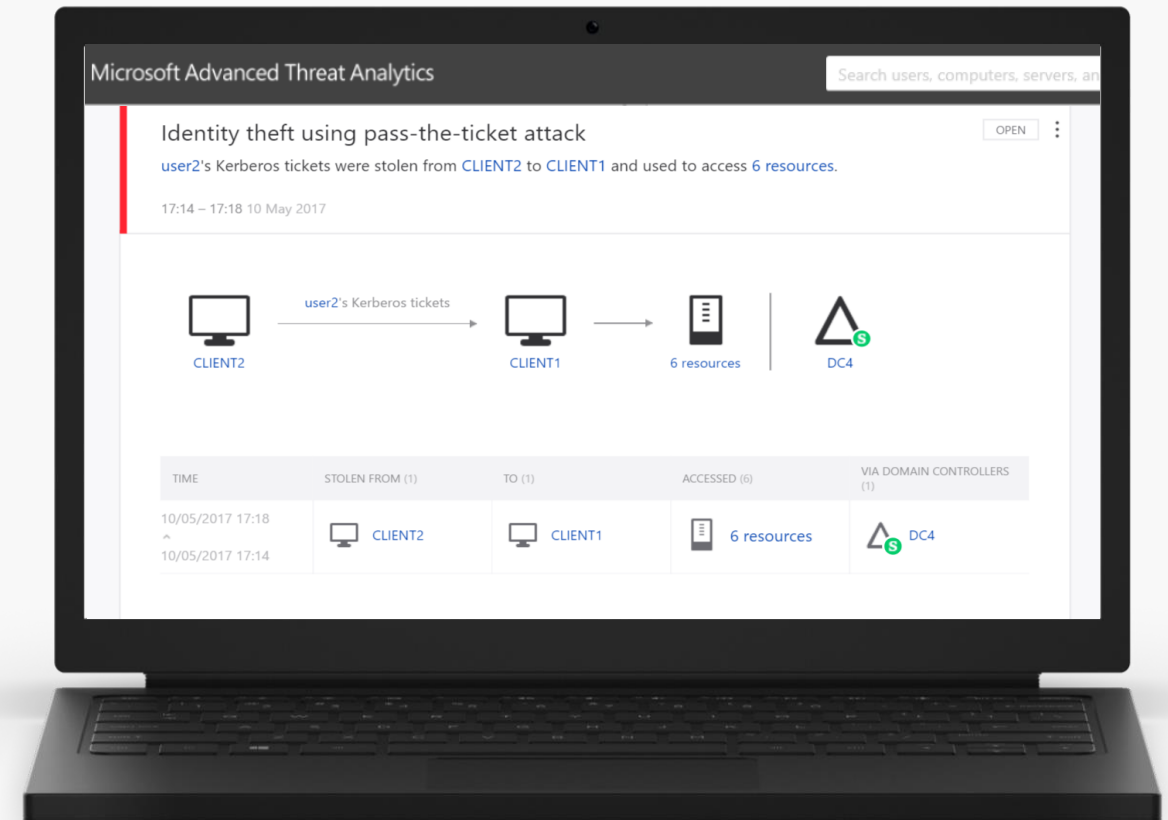


Respond to Compromised Identities

Get recommendations and remediation actions in case of a suspicious activity on-premises or in the cloud

Review next steps on a simple, actionable attack timeline

Identify threats before the attackers access critical data and resources



RESPOND TO THREATS QUICKLY

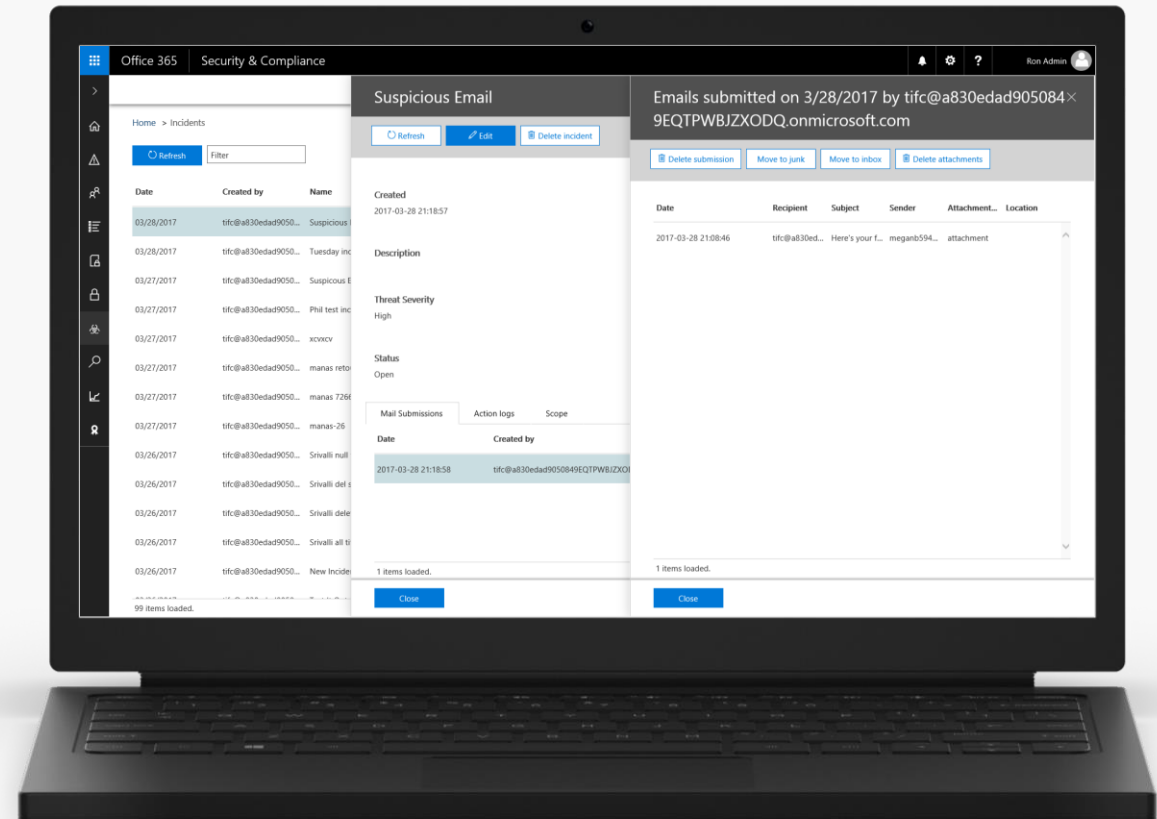


Respond to Malicious Email Files

Remove emails found to be malicious *after* they land in user inbox.

Intelligent filters which update based on evolving cyber threat landscape.

Ability to remediate for real-time malicious emails.



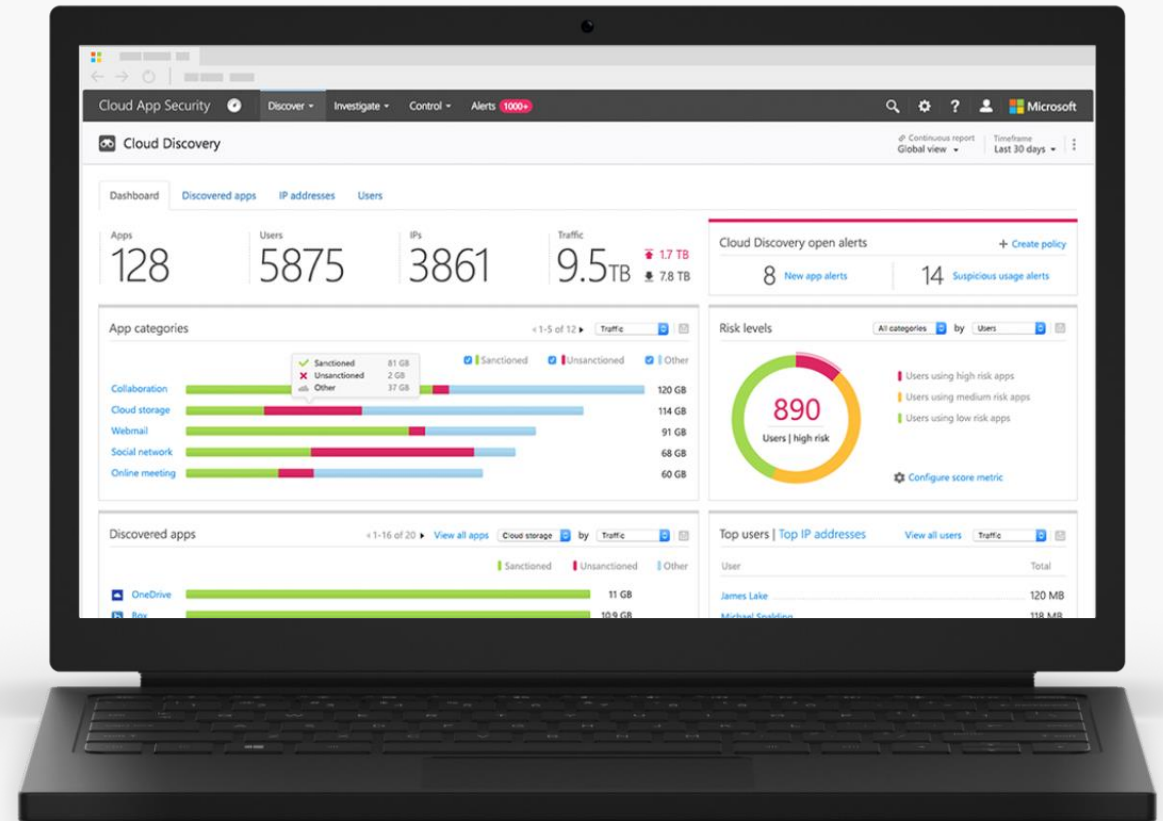
RESPOND TO THREATS QUICKLY



Respond to Compromised Data

Identify high-risk and anomalous usage in cross cloud apps - including office 365

Get recommendations and remediation actions for next steps



RESPOND TO THREATS QUICKLY

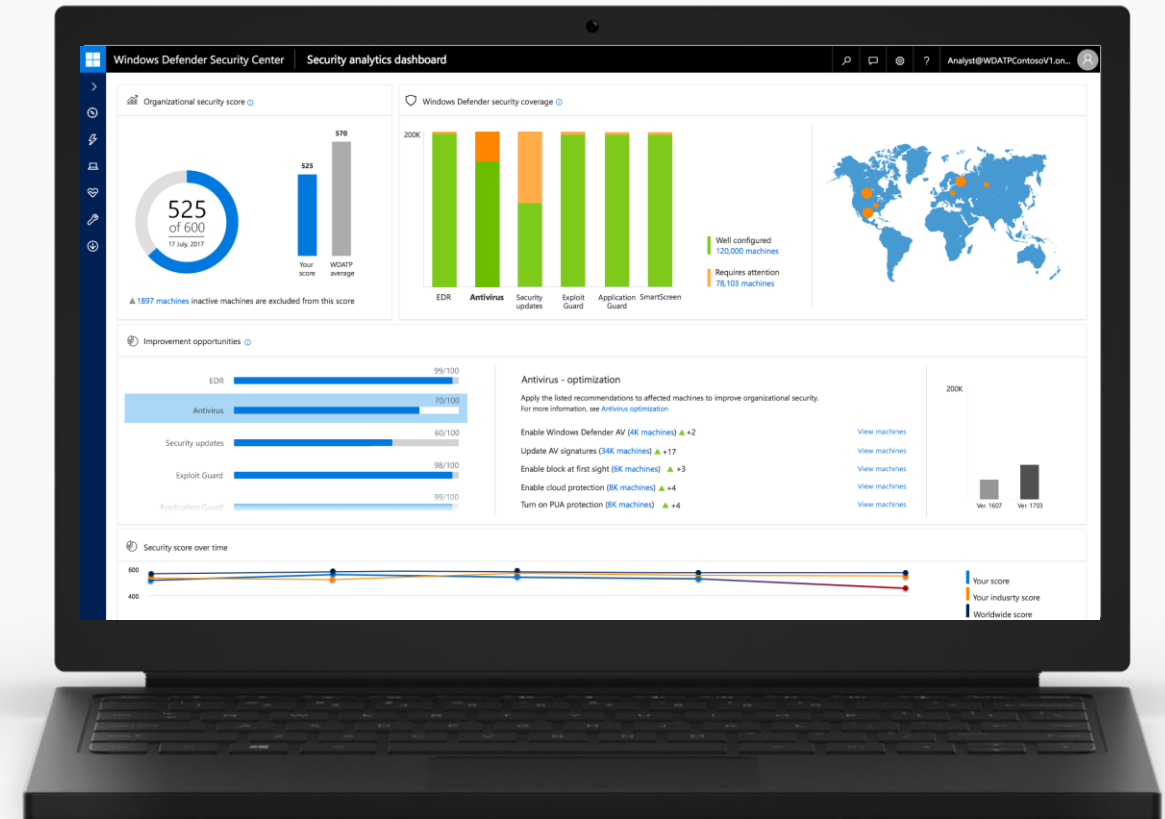


Respond to Compromised Devices

Remediate potential threats and prevent reoccurrence using built in technologies.

Receive mitigation guidance for remediation for threats and future risks

Assess organizational security score including trends over time



RESPOND TO THREATS QUICKLY

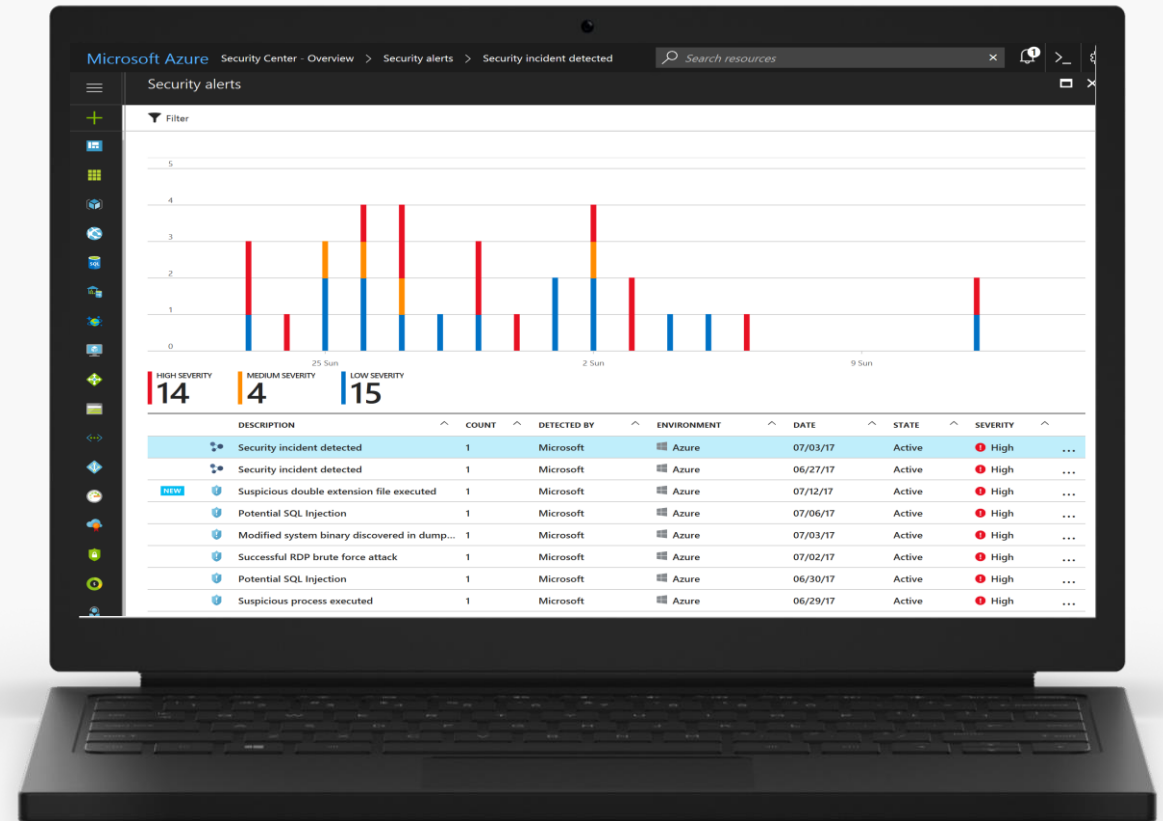


Respond to Compromised Workloads Across Hybrid Infrastructure

Prioritized security alerts that help you respond quickly with azure security center

Recommendations to mitigate threats and vulnerabilities

Threat intelligence reports for deeper insights into attack



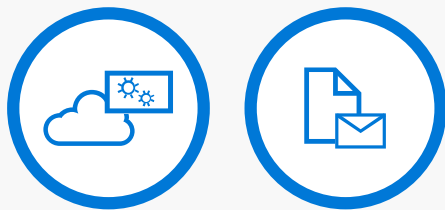
MICROSOFT THREAT PROTECTION

INTELLIGENT & INTEGRATED

IDENTITY



APPS & DATA



DEVICES



INFRASTRUCTURE



MICROSOFT ADVANCED
THREAT ANALYTICS

EXCHANGE ONLINE PROTECTION

WINDOWS DEFENDER
ADVANCED THREAT PROTECTION

AZURE SECURITY CENTER

AZURE SECURITY CENTER

OFFICE 365
ADVANCED THREAT PROTECTION

AZURE ACTIVE DIRECTORY

OFFICE 365 THREAT INTELLIGENCE

MICROSOFT CLOUD APP SECURITY

