Gijima Microsoft Security
Solution Overview

Gijima
Technology People

Gijima Microsoft | Service Offering Overview

Security
- Cloud Cyber Defence
- Compliance and Identity Integration
- Protecting Information

Digital Organisation
- Cloud Modernisation
- Enterprise Modernisation
- Digital Journeys

Optimise Digital Operations
- Reduce Maintenance
- Increase Agility and Scalability
- Governance and Compliance

Customer Centric
- Engage Customers
- Natural Connect

Transform Services
- Legacy Transformation
- Reinvent Services
- Accelerate Products

Empower Workforce
- Modern Workplace
- Integrated Collaboration
- Work Effectively
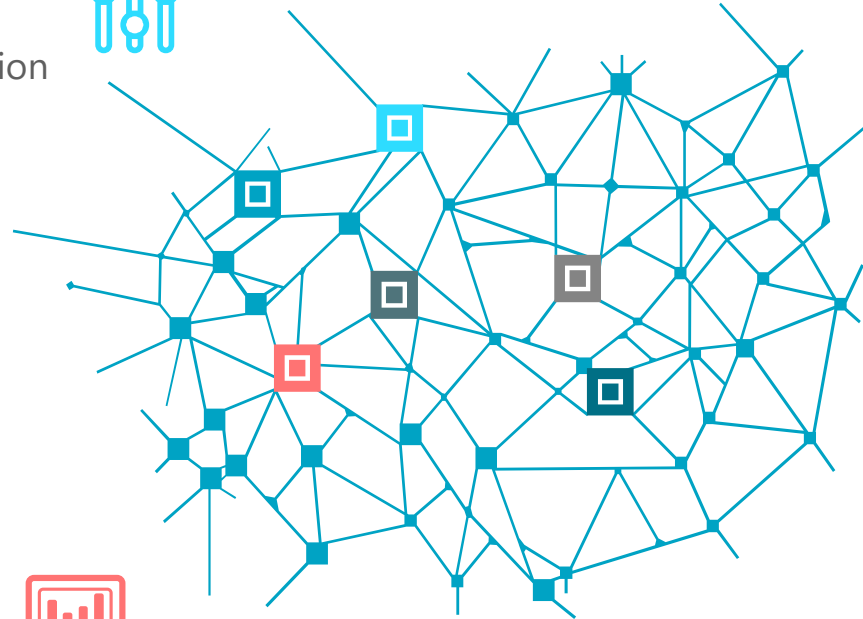
Every company is a software company. You have to start thinking and operating like a digital company. It's no longer just about procuring one solution and deploying one. It's not about one simple software solution. It's really you yourself thinking of your own future as a digital company."

Satya Nadella, Microsoft CEO

Gijima Microsoft | Credentials and Certifications

- Achieved Microsoft Azure Advanced Specialization for Windows Server and SQL Workloads Microsoft to Azure

- Select Microsoft Services partner for large scale Cloud Modernisation Services (only partner outside the USA and India)

- First SAP workloads on Azure in South Africa with public case study

- Select Azure Launch Partner for Microsoft South African

- Microsoft Gold Partner with multiple locally attained Gold competencies

- Microsoft MEA Office 365 High Touch Partner (one of two in Africa)

- Extensive Office 365 experience with more than 3.5 million cloud enabled instances globally

- Microsoft Azure Stack JDP and EAI Partner

- Microsoft FastTrack Partner

Azure | Apps | Platform | Stack | Hybrid　　　**Office 365**　　　**Enterprise Mobility**　　　**Dynamics 365**　　　**Project Online**

Rehost　　Refactor　　Rearchitect　　Rebuild

Gold
Microsoft Partner
Microsoft

Gold Cloud Platform	Gold Security	Gold Messaging
Gold Cloud Productivity	Gold Application Development	Gold Datacenter
Gold Data Platform	Gold Collaboration and Content	Gold Windows and Devices
Gold Data Analytics	Gold Communications	Gold Application Integration

Solution Overview
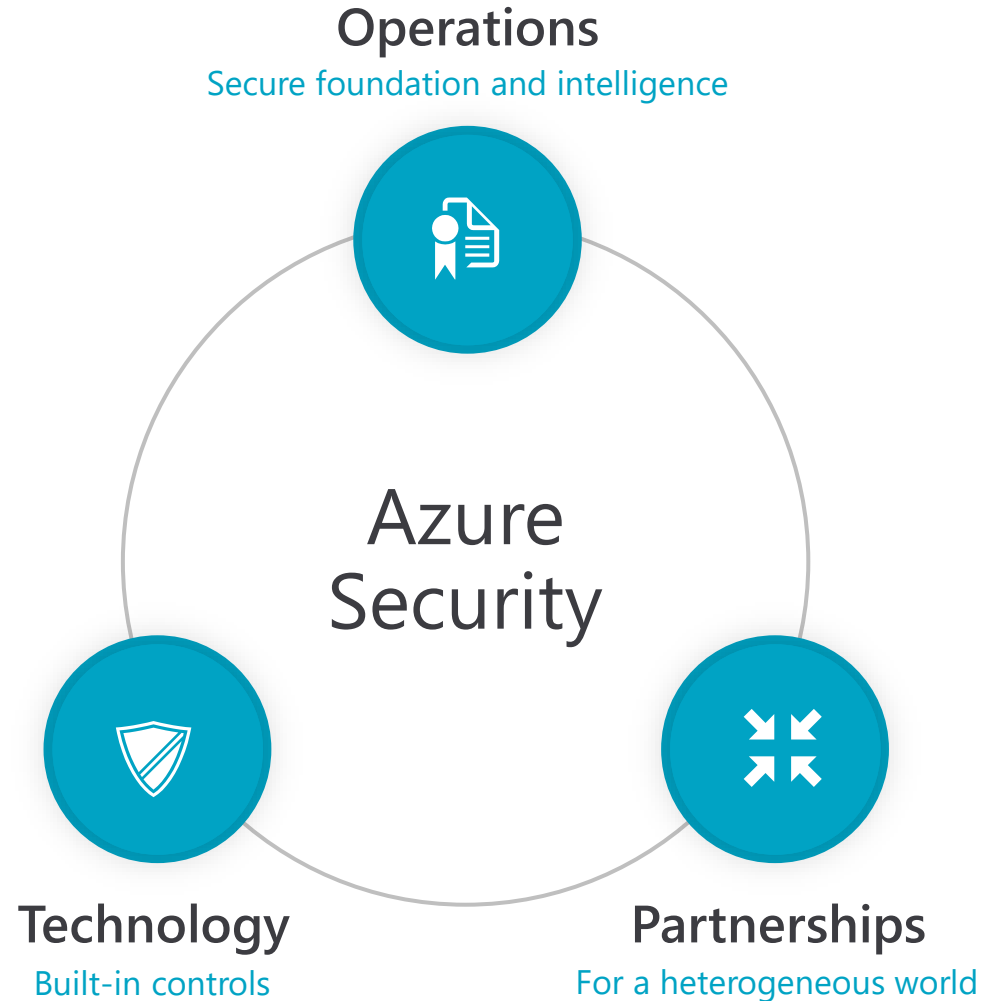
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Microsoft Azure Security | OVERVIEW

Unmatched security across operations, technology, and partnerships

- **$1B** annual investment in cybersecurity

- **3500+** global security experts

- **Trillions of** diverse signals for unique intelligence

Operations
Secure foundation and intelligence

Azure
Security

Technology
Built-in controls

Partnerships
For a heterogeneous world

Governance for the cloud

The broadest governance portfolio of any cloud

Management Group	Policy	Blueprints	Resource Graph	Cost Management
Define organizational hierarchy	Real-time enforcement, compliance assessment and remediation	Deploy and update cloud environments in a repeatable manner using composable artifacts	Query, explore & analyze cloud resources at scale	Monitor cloud spend and optimize resources
Hierarchy	**Control**	**Environment**	**Visibility**	**Consumption**

Introducing Azure Management Groups

Efficiently apply governance controls and manage groups of Azure subscriptions
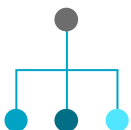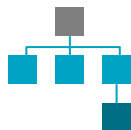
Simplify subscription management

Group subscriptions into logical groups

Inherit properties that apply to all subscriptions

View aggregated information above the subscription level

Fit your organization
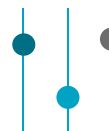
Create a flexible hierarchy that can be updated quickly

Mirror the hierarchy to the organizational model that works for you

Scale up or down depending on the organizational needs

Apply controls at scale

Leverage Azure Resource Manager (ARM) objects that integrate with other Azure services

Azure services:
Azure Policy
RBAC
Azure Cost Management
Azure Blueprints
Azure Security Center

Azure Policy

Active control and governance at scale for your Azure resources

Enforcement & compliance

Turn on built-in policies or build custom ones for all resource types

Real-time policy evaluation and enforcement

Periodic & on-demand compliance evaluation

VM In-Guest Policy (**NEW**)

Apply policies at scale

Apply policies to a Management Group with control across your entire organization

Apply multiple policies and & aggregate policy states with policy initiatives

Exclusion Scope

Remediate & automate

Remediate existing resources at scale (**NEW**)

Automatic remediation resources at deployment time

Trigger alerts when a resource is out of compliance

Azure Blueprints
Enabling quick, repeatable creation of fully governed environments

Streamline environment creation

Centralize environment creation through templates

Add resources, policies and role access controls

Track blueprint updates through versioning

Enable compliant development

Empower developers to create fully governed environments through self-service

Create multiple dev-ready environments and subscriptions from a centralize location

Leverage the integration with Azure Policy on the DevOps lifecycle

Lock foundational resources

Ensure foundational resources cannot be changed by subscription owners

Manage locks through a centralize location

Update locked resource through blueprint definition updates

Azure Resource Graph
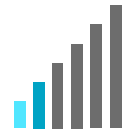## Get visibility into your resources for effective inventory management

Explore your resources

Get visibility into your Azure resources across subscriptions and management groups.

Access the information you need in the portal, CLI or PowerShell

Find assets based on resource properties or their relationships

Query & analyze

Get the exact information you need through queries in seconds

Perform analysis at scale across all your environments

Leverage Keyword Query Language for easy query creation

Assess impact

Understand the impact of applying policies before their implementation

Get a view of the operational impact of common actions like deprecations

Azure Cost Management

Monitor cloud spend

Track usage and cost trends

Detect spending anomalies and usage inefficiencies

Forecast future spend using your historical data

Visualize data in consolidated or custom dashboards

Drive organizational accountability

Allocate usage and costs to business units and projects

Produce chargeback and show back reports

Let teams access data and insights with Role-Based Access Control

Automatically alert stakeholders of spending anomalies and overspending risks
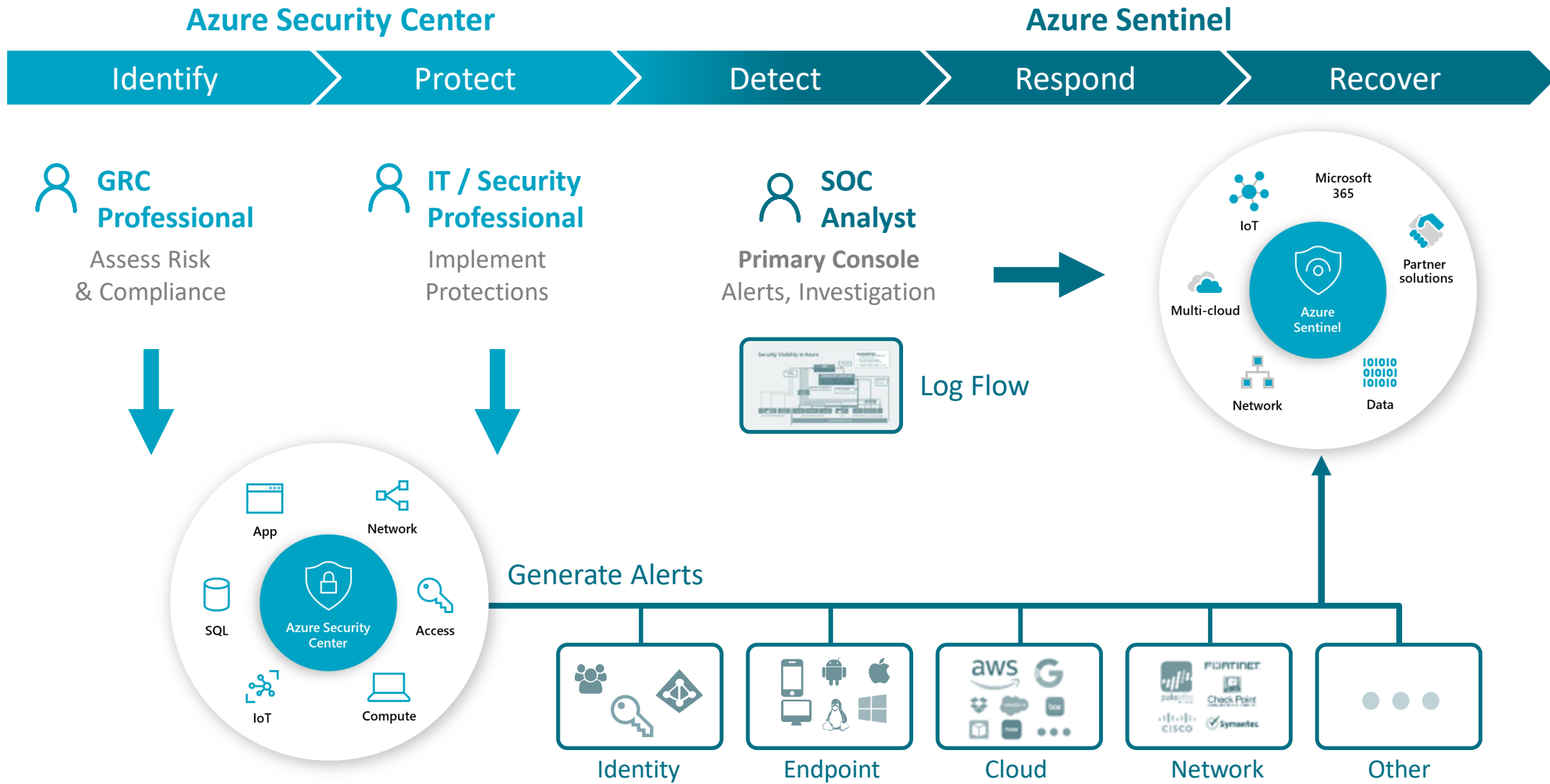
Optimize cloud efficiency

Increase resource utilization with virtual machine right-sizing

Eliminate idle resources

Improve virtual machine reserved instances management

Pay less for Windows Server and SQL Server resources through Azure Hybrid Benefit

Introducing Microsoft Security Positioning

Azure Security Center

Azure Sentinel

Identify ▸ Protect ▸ Detect ▸ Respond ▸ Recover

GRC Professional
Assess Risk & Compliance

IT / Security Professional
Implement Protections

SOC Analyst
Primary Console
Alerts, Investigation

Log Flow

Azure Security Center

App
Network
SQL
Access
IoT
Compute

Azure Sentinel

IoT
Microsoft 365
Multi-cloud
Partner solutions
Network
Data

Generate Alerts

Identity
Endpoint
Cloud
Network
Other

Azure Security Center 🛡️

Strengthen security posture

Cloud security posture management
Secure Score | Policies and compliance

Protect against threats

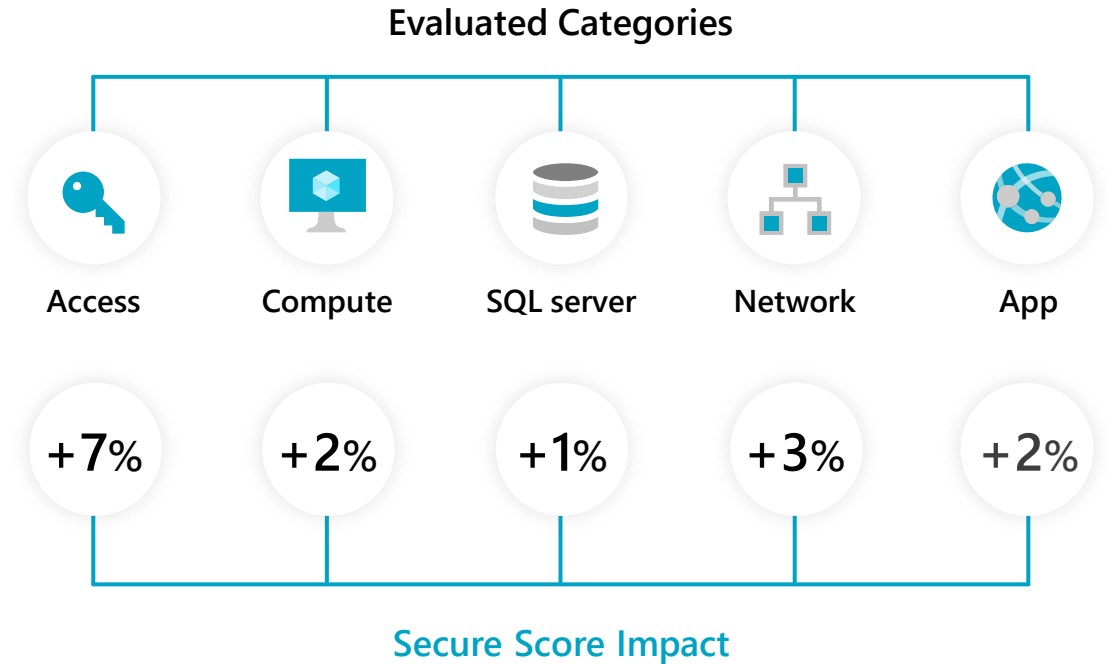| For servers	For cloud native workloads	For databases and storage

Get secure faster

Security posture management with Secure Score

- Gain instant insight into the security state of your cloud workloads

- Address security vulnerabilities with prioritized recommendations

- Improve your Secure Score and overall security posture in minutes

- Speed up regulatory compliance

Evaluated Categories

Access	Compute	SQL server	Network	App
+7%	+2%	+1%	+3%	+2%

Secure Score Impact

50% Secure Score

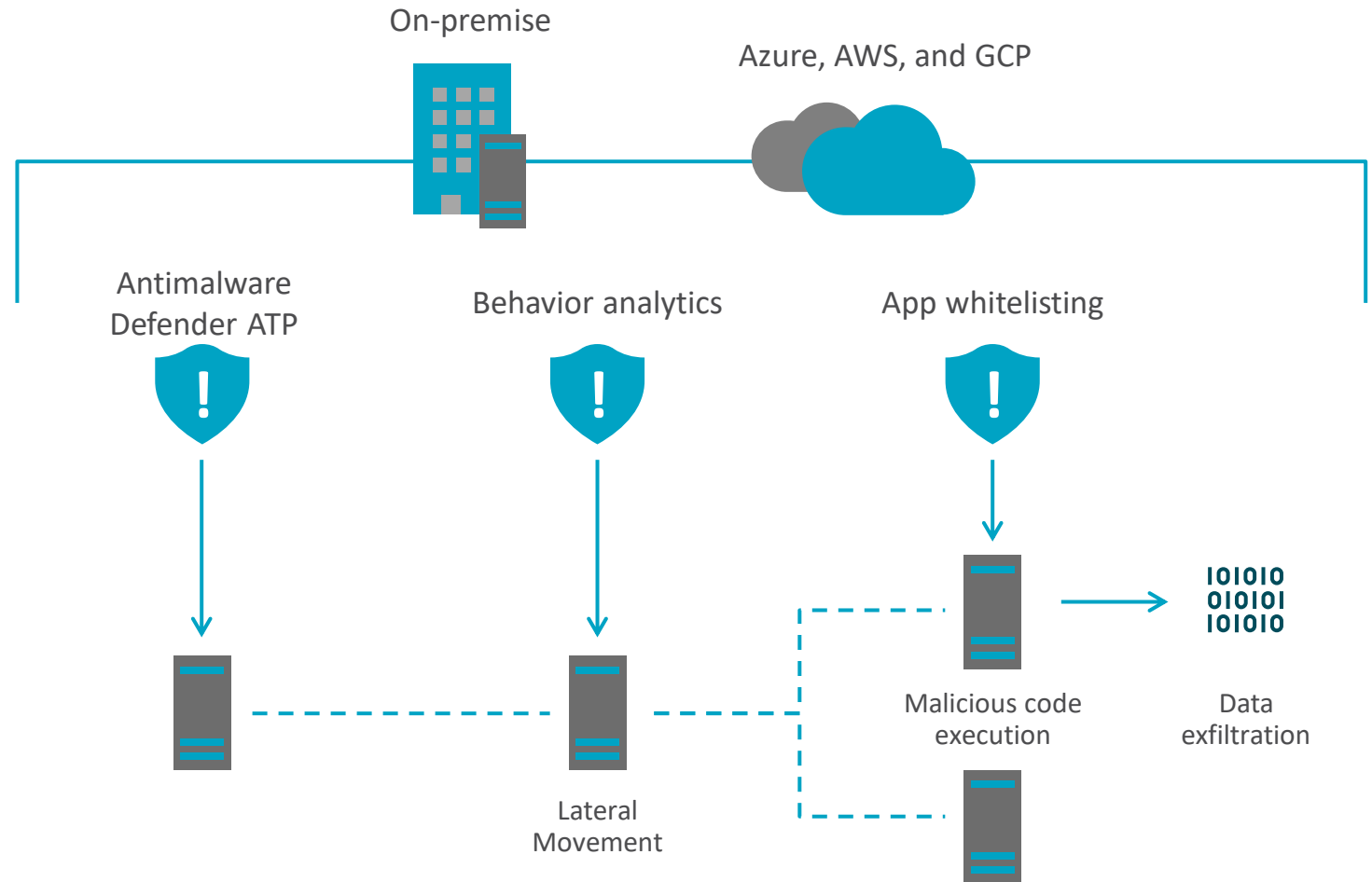# Protect Linux and Windows servers from threats

Reduce open network ports

- Use Just-in-Time VM to control access to commonly attacked management ports

- Limit open ports with adaptive network hardening

Block malware with adaptive application controls

Protect Windows servers and clients with the integration of Microsoft Defender ATP and Linux servers

On-premise

Azure, AWS, and GCP

Antimalware
Defender ATP

Behavior analytics

App whitelisting

Malicious code
execution

Data
exfiltration

Lateral
Movement

Gijima *Microsoft Services*
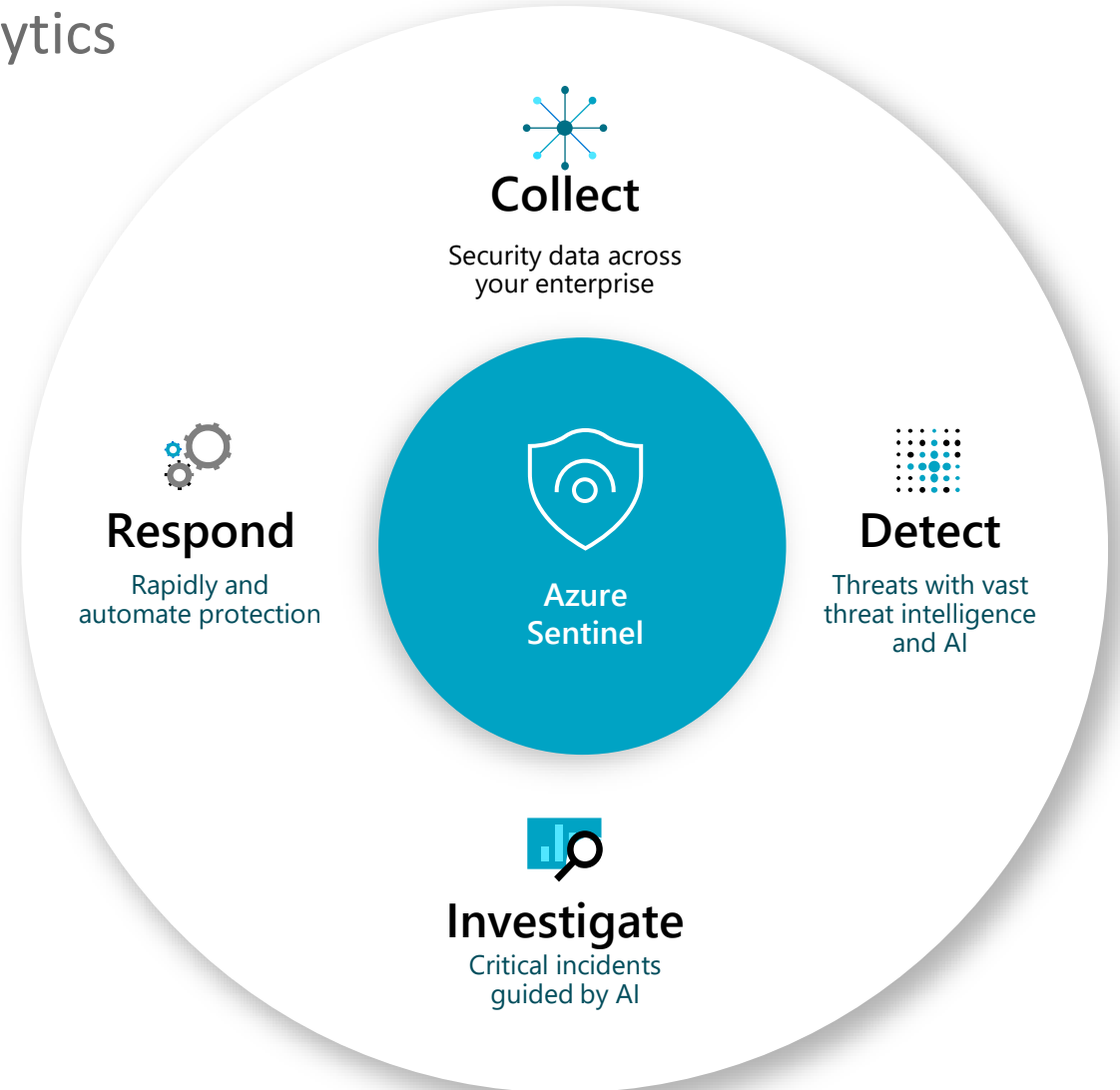
Introducing Microsoft Azure Sentinel

Cloud-native SIEM for intelligent security analytics
for your entire enterprise

Limitless cloud speed and scale
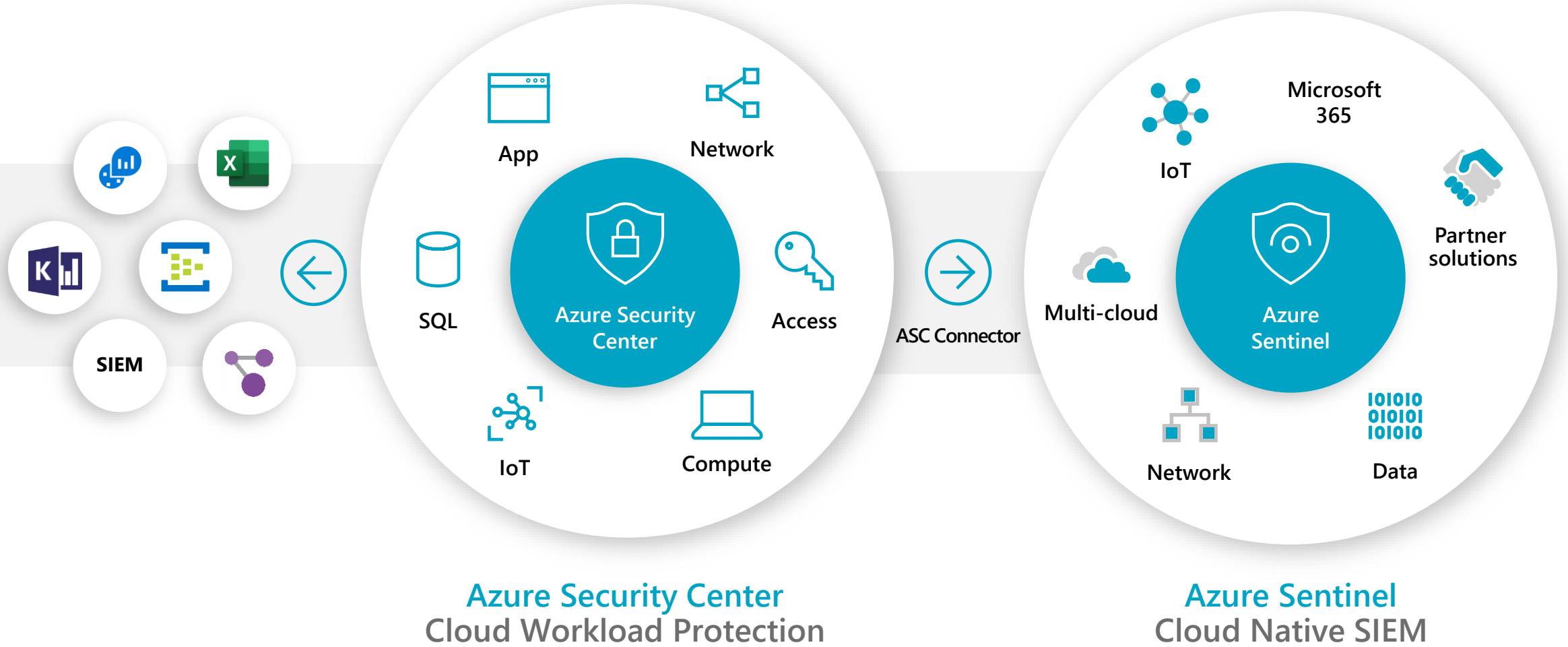
Bring your Office 365 data for Free

Easy integration with your existing tools

Faster threat protection with AI by your side

Collect
Security data across
your enterprise

Respond
Rapidly and
automate protection

Azure
Sentinel

Detect
Threats with vast
threat intelligence
and AI

Investigate
Critical incidents
guided by AI

Threat protection for cloud at scale

App
Network
SQL
Azure Security Center
Access
IoT
Compute

Azure Security Center
Cloud Workload Protection

ASC Connector

SIEM

IoT
Microsoft 365
Multi-cloud
Azure Sentinel
Partner solutions
Network
Data

Azure Sentinel
Cloud Native SIEM

Collect security data at cloud scale from all sources across your enterprise

Pre-wired integration with Microsoft solutions

Connectors for many partner solutions

Standard log format support for all sources

Proven log platform with more than 10 petabytes of daily ingestion

Microsoft Azure

Microsoft 365

Investigate threats with AI and hunt suspicious activities at scale

Get prioritized alerts and **automated expert guidance**

Visualize the entire attack and its impact

Hunt for suspicious activities using **pre-built queries and Azure Notebooks**