



# Intelligent Cybersecurity with Microsoft

NTT Germany / Secure by Design – M365 Security 360°



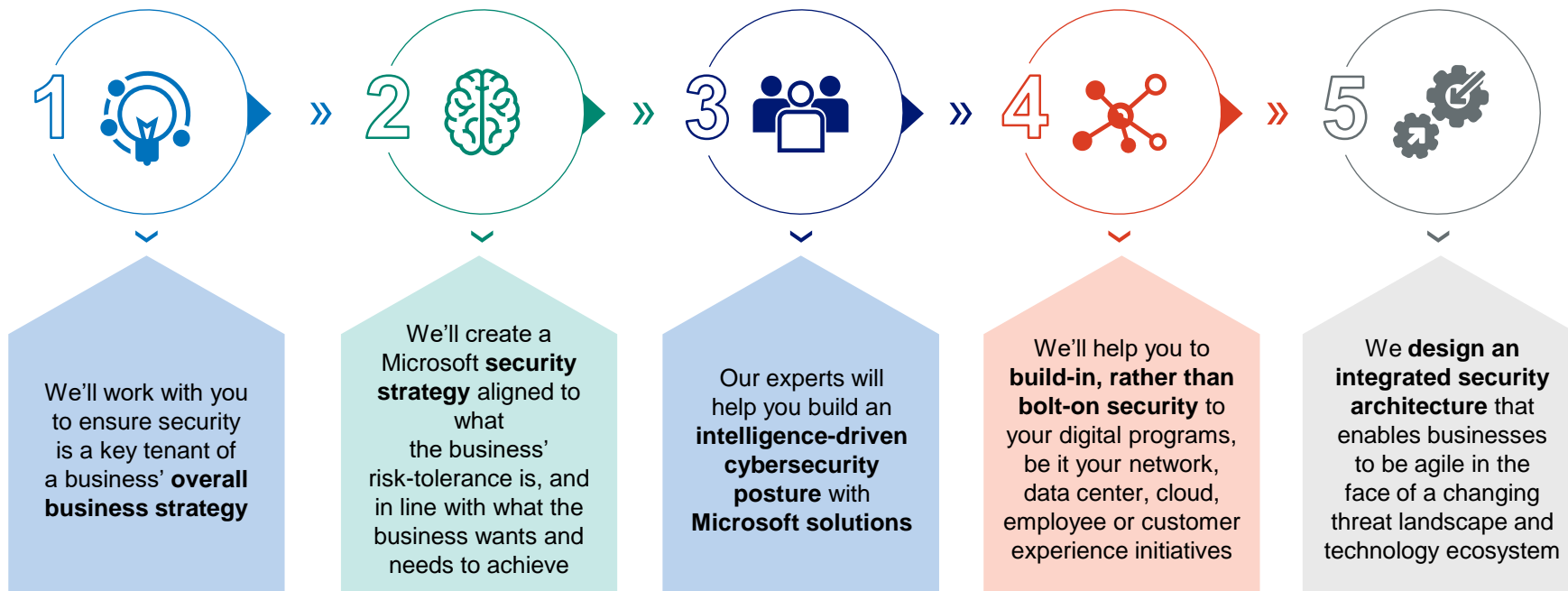
# Secure by Design

Microsoft 365 Security 360° with NTT  
based on Zero Trust

We can help you to implement Zero Trust controls with our our

# Secure by Design Approach

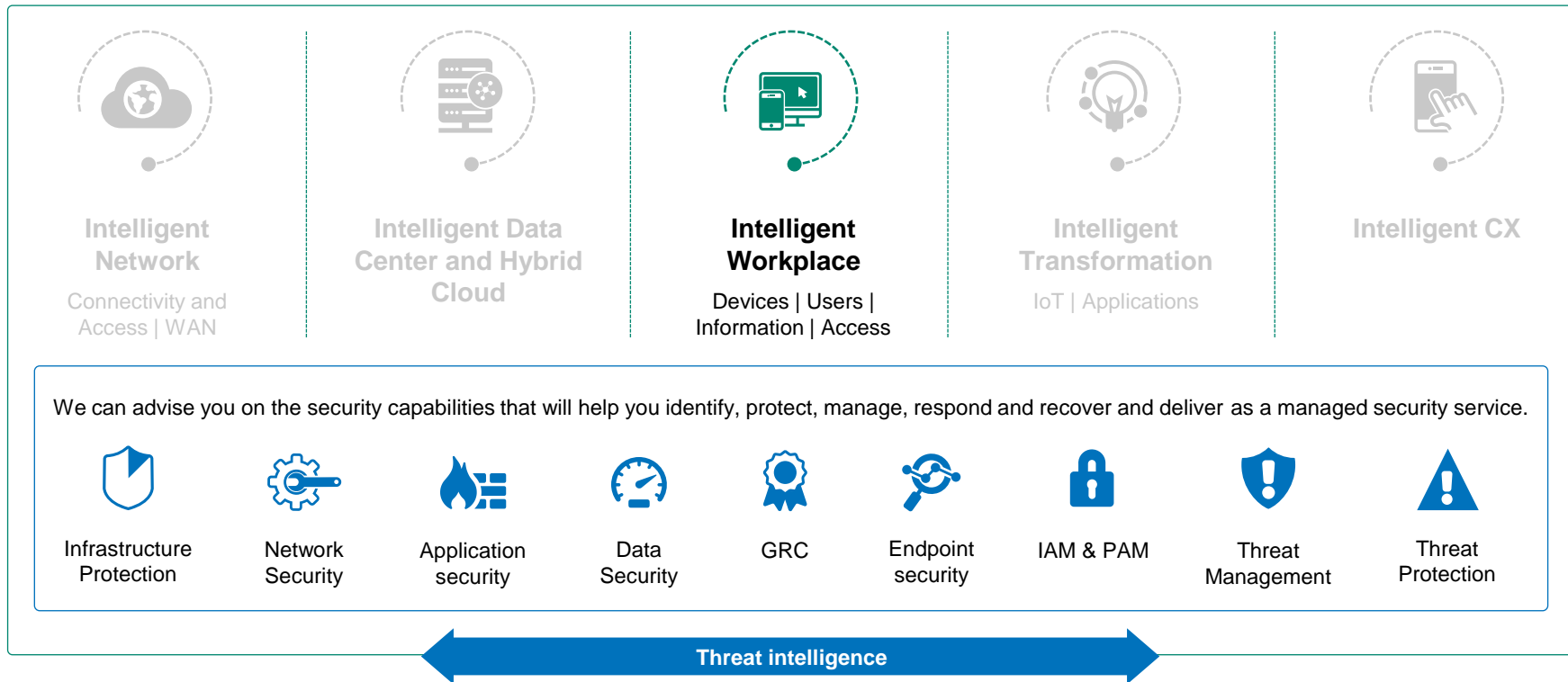
## 5 key pillars



# Secure by design



M365 Security integrated to digital transformation strategies and programs to minimize risk and support innovation with Zero Trust controls.



# Secure by design



Helping clients to achieve their desired business outcomes securely

## Cross-domain expertise

Security embedded into your digital transformation programs and across technology architectures

Network

Data Center and  
Hybrid Cloud

CX

Workplace

Digital transformation

Security

## Our security service portfolio

Full lifecycle of cybersecurity services

Consulting Services

Technical Services

Support Services

Managed Services

## Value drivers

### R&D and Innovation

- Global R&D Centers
- Innovative Service Packaging, Innovation Incubation and In-House Innovation

### Client expertise and insights

- Cybersecurity Advisory
- Global and cross-industry client experience

### Threat intelligence

- Security Operation Centers
- Threat Intelligence Centers
- Industry alliances

### Industry standards and best practices

NIST, SABSA

### Local, global partnerships & alliances

With leading security technology domain vendors



# Intelligent Workplace: Security controls and services

For Microsoft Workplace and Cloud solutions

## Baseline Cybersecurity Services

### Security Consulting Services (CS)

- Cloud Accelerators
  - Microsoft 365 Express Security Check
  - Microsoft 365 Express Compliance Check
- Cybersecurity Advisory (CA)
  - Digital Workplaces
  - Identity & Access Management
  - Threat Intelligence
  - Microsoft 365
  - Hybrid IT
  - Governance, Risk & Compliance

### Managed Security Services (MSS)

- Enterprise Security Monitoring (ESM)
- Threat Detection (TD)
- Managed Threat Detection and Response (MDR)
- Vulnerability Management (VM)
- Security Device Management

### Endpoints

- Microsoft Defender for Endpoints
- Windows Defender AV
- AppLocker
- BitLocker
- Microsoft Endpoint Manager
- Intune MDM/MAM
- Microsoft Endpoint Configuration Manager

### Cloud-based Security

- Azure Security Center
- Azure Web Application Firewall
- 3rd Party Security Appliances in Azure

### Operations

- Azure Sentinel

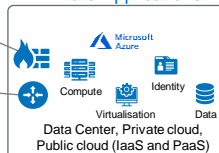
### SaaS

- Microsoft 365
- Microsoft Defender for Office 365
- Microsoft Cloud App Security
- Azure Information Protection
- Information Protection & Governance
- Insider Risk Management

### SaaS Applications

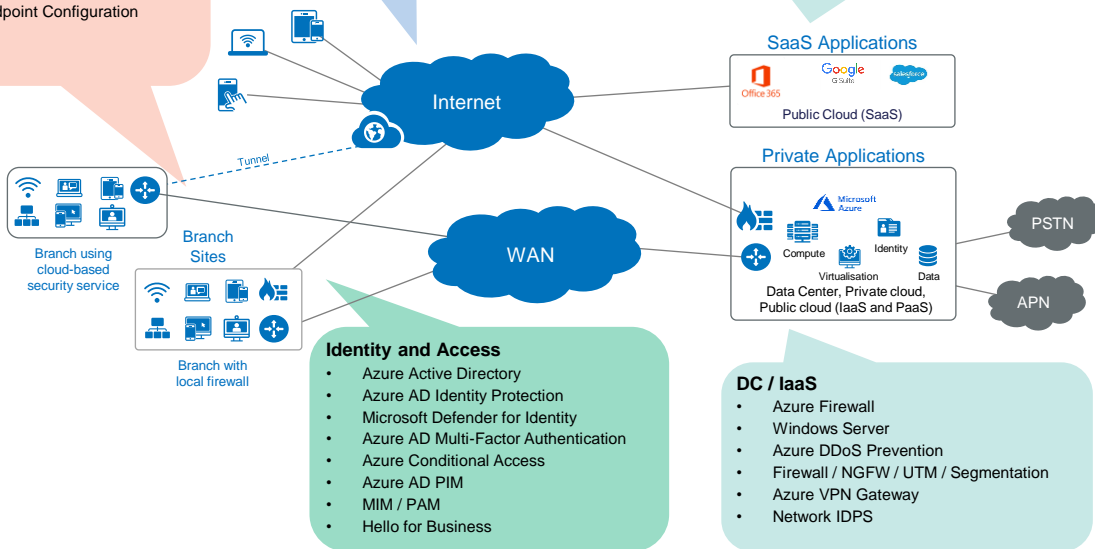


### Private Applications



PSTN

APN



## How we deliver



**Visualize and execute successful security programs** that are secure by design with our Security Consulting Services



**Select, align and design** the right controls and capabilities across all security domains



**Implement and support** with our Technical and Support Services to architect, source, implement and maintain security controls



**Manage and optimize** via our Managed Security Services (MSS) to monitor and manage your security posture to effectively respond to threats

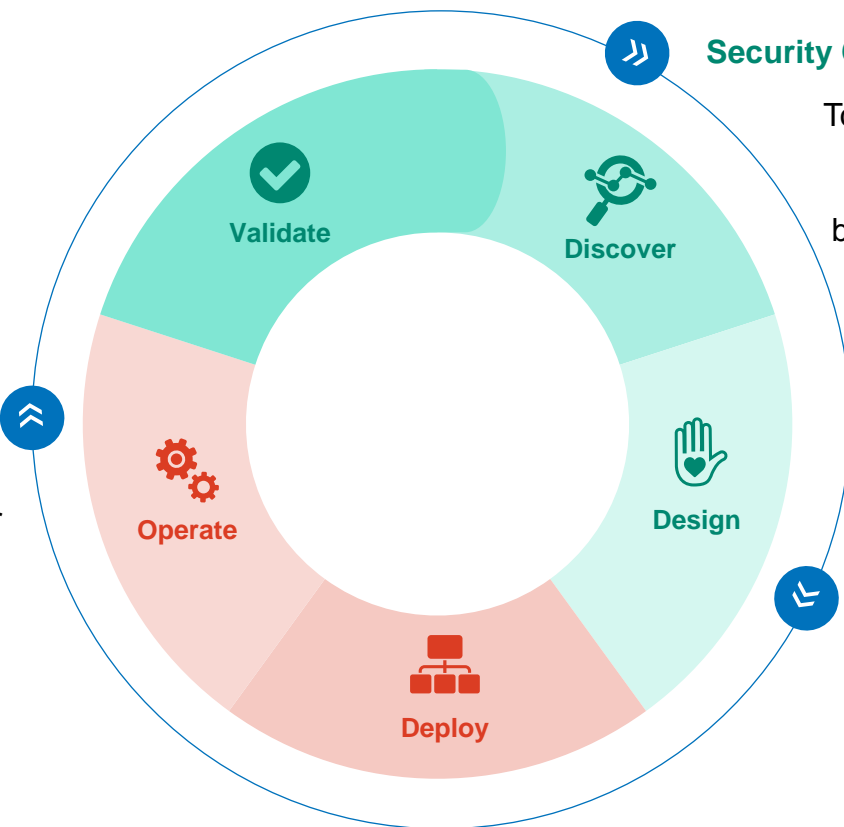
We offer the full lifecycle of

# Cybersecurity Services



## Managed Security Services

Monitoring, managing, supporting and optimizing your security posture to detect and respond to the latest threats.



## Security Consulting Services

To design your security strategy, an optimal architecture for your business and evaluate and validate.

## Technical and Support Services

Identify and select the right tools and controls, develop detailed designs, deploy and optimize, monitor and maintain.



A group of five diverse professionals (three men and two women) are gathered around a white conference table in a modern office setting. They are engaged in a collaborative discussion, with one man pointing at a laptop screen. The background features a wooden wall and a whiteboard. The text "Security Consulting Services" is overlaid in the center of the image.

# Security Consulting Services

# Security Consulting Services



## Security business strategy services

Services that cover the entire lifecycle of security to help organizations visualize and execute successful security programs.

Includes our  
**Cybersecurity  
Advisory Services**

**M365  
Express Checks**



## Assurance services

We examine and test our client's controls, policies and processes to identify cybersecurity vulnerabilities, and provide them an action plan to improve their security posture.



## Architecture & design services

We assess our client's security posture, identify gaps, and recommend improvements to ensure client's security architecture is 'secure by design' and aligned to their business needs.



## Incident management & response services

Moving organizations from crisis to continuity in the face of an incident, our experts help with plan development and deployment.



## Governance, risk and compliance services

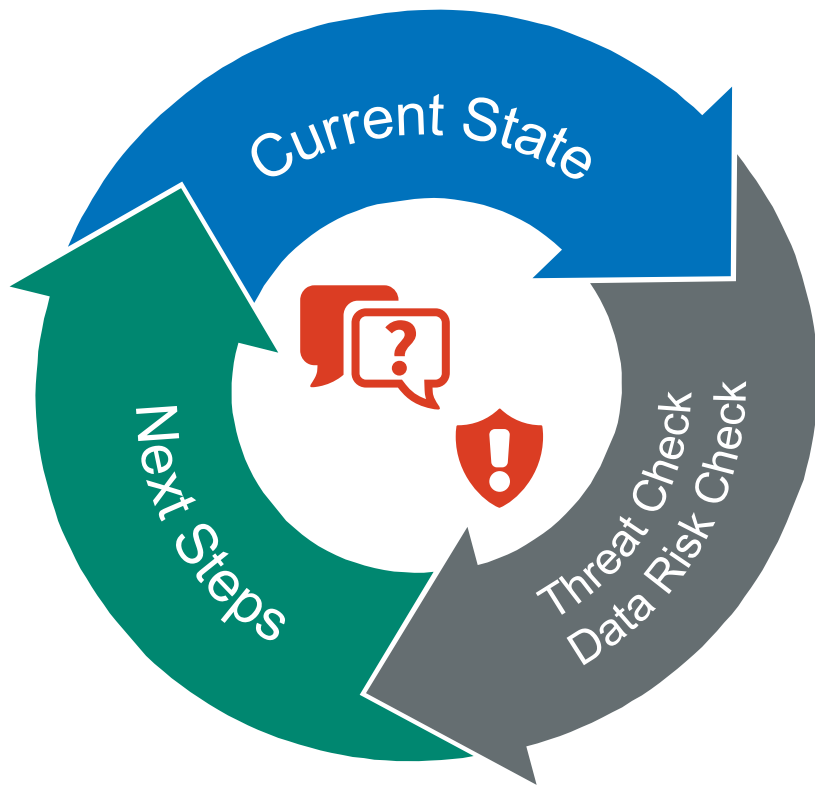
We examine our client's security risk and compliance posture, quantify the risk and develop and prioritize a remediation plan for compliance gaps and business risks.

# M365 Express Checks

With these engagements, we help to achieve broader security and compliance objectives.

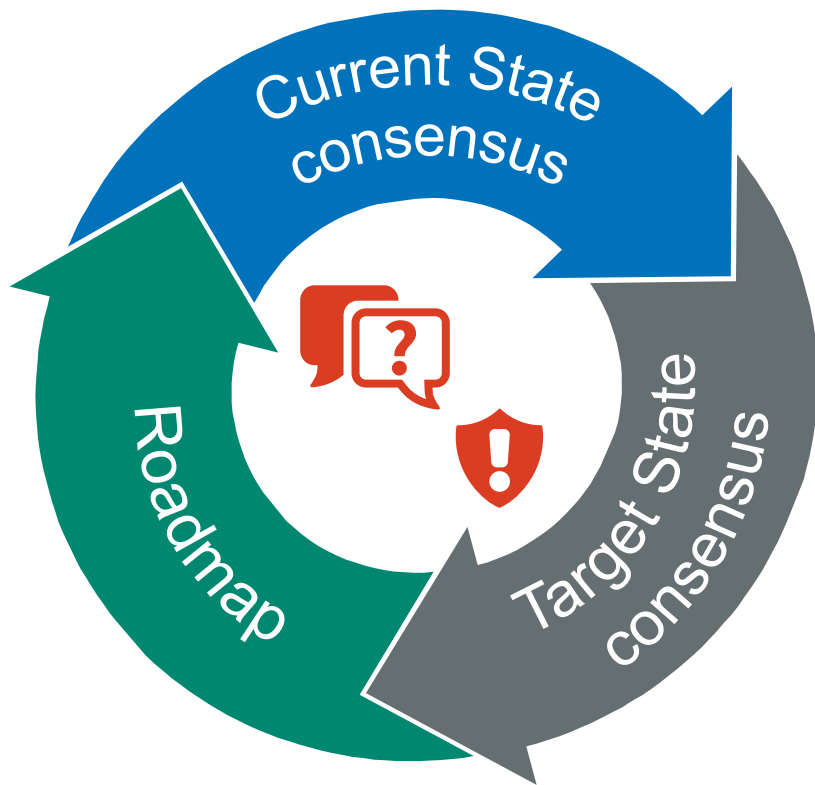
We identify current and real threats —by scheduling a Microsoft Security Workshop.

With our Microsoft Compliance Workshop, we identify what data you have, where it is, how it's being used, and compliance risks that may exist.



A globally consistent business-driven framework for delivering security consulting outcomes to clients.

The framework consists of information gathering phase(s) with optional additional engagements to provide an actionable roadmap.



# Cybersecurity Advisory overview



Helping you understand your current risk profile to chart your future security strategy



Our full life-cycle baseline engagement provides a strategic view of initiatives while our modular engagement goes right through to in-depth security analysis of focus areas



We **conduct series of technical and non-technical workshops**, documentation and architecture reviews, as well as optional technical security assessments and testing as defined by the scope



We **use our information security dashboard and security architecture reference model** to compare current state as rated by our maturity scale, to your target state based on business, security and GRC requirements



We **benchmark you against other clients in your industry and region** to develop a recommended roadmap for budget and resource planning or strategy validation



We **provide you with a prioritized roadmap** with risk ratings and financial weighting so you can make the right security investments to meet compliance and regulatory requirements



We provide recommendations and an actionable roadmap **to protect and secure applications and underlying systems based on sensitivity and criticality.**



We analyse the maturity levels of your security policies, standards, processes and controls focused on protecting applications and their underlying systems.



We provide a detailed and actionable roadmap based on the analysis and setting of the required maturity levels.



# Cybersecurity Advisory for reputation, compliance, and client data



We provide recommendations and an actionable roadmap **for mitigating risks to data compromise or loss and protecting your reputation.**



We undertake a detailed analysis of your current security policies, standards, processes and controls used for the protection of data, visibility into where data is stored, who has access to the data, and what the end users do with it.



We provide a detailed and actionable roadmap based on the analysis and setting of the required maturity levels.



# Managed Security Services

Turn data into knowledge and see your entire security picture

# Managed Security Services



We continuously invest in a global platform, delivered locally, supporting all business security requirements



## Client Focused

Experienced partner to help you optimize costs, maximize your current and future investments in cybersecurity as well as maintain currency with the evolving threat landscape.



## Market Leader

NTT has been named as a Leader in the **IDC MarketScope: Worldwide MSS 2020 Vendor Assessment**

## Portfolio

A broad portfolio of security services that addresses your key cybersecurity domains. Our managed security services are supported by an advisory lead consultancy to help drive the respective business outcomes.

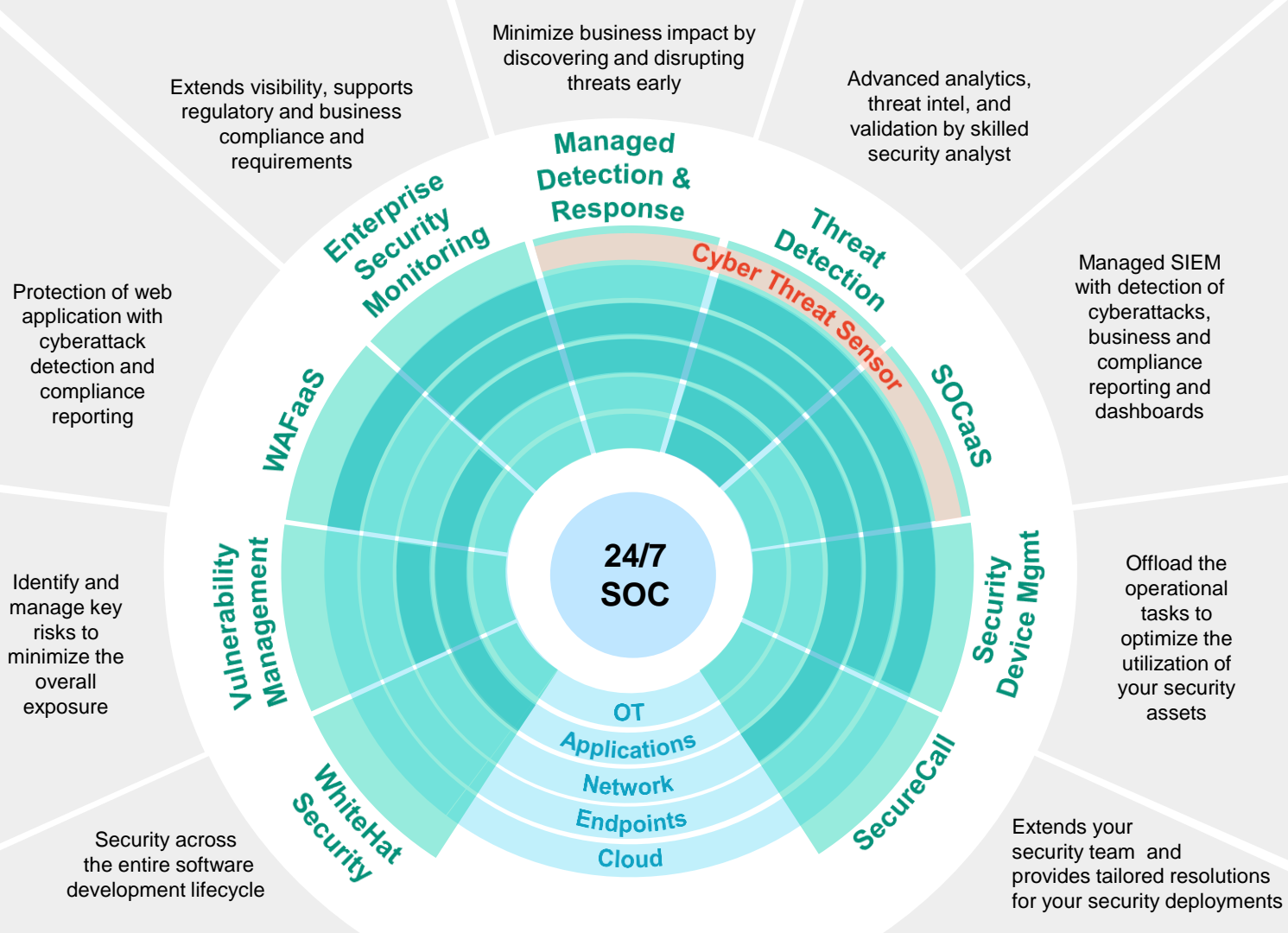


## Delivery

Globally available and consistently delivered security services provided by our subject matter experts across **six** global security operation centers.



# NTT's Managed Security Service Portfolio



# MSS for all your domains



	Detection/Response	Compliance	Manage
Cloud	<ul style="list-style-type: none"><li>• SASE – Detection and policy mgmt for branch offices, mobile and remote users</li><li>• Support for O365 and Web security for internet gateway</li></ul>		
Network	<ul style="list-style-type: none"><li>• Cyber Threat Sensor – Analyze network traffic</li><li>• Broad vendor coverage - DNS, Firewalls, IDS/IPS, Proxy, Sandbox, Server</li></ul>		
Endpoint	<ul style="list-style-type: none"><li>• MDR with fast isolation of compromised endpoints</li><li>• Compliance and security best practice reporting</li></ul>		
Application	<ul style="list-style-type: none"><li>• WhiteHat Application Security Platform with integrated secure development, security testing and continuous monitoring</li></ul>		
OT	<ul style="list-style-type: none"><li>• Detection of attacks in OT networks</li><li>• Lateral movement identification cross IT/OT</li></ul>		





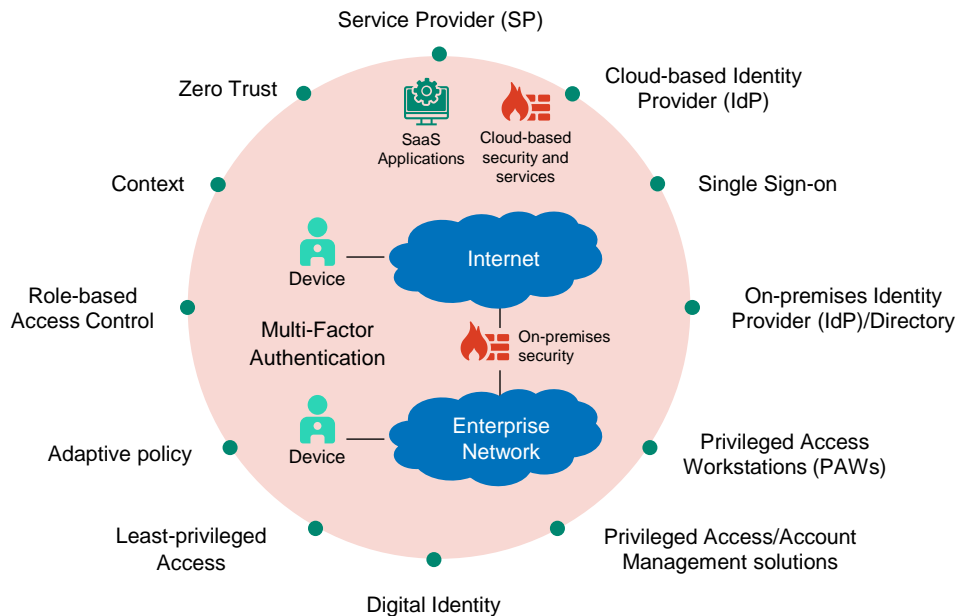
# **Microsoft Identity and Access Management**

## **Strengthening Zero Trust defenses with Azure AD**



# Reference Customer Need

Prevent data breach, damage and disruption by verifying User and Device identity, determining level of trust and controlling access to all applications and systems with **Microsoft Identity and Access Management**.



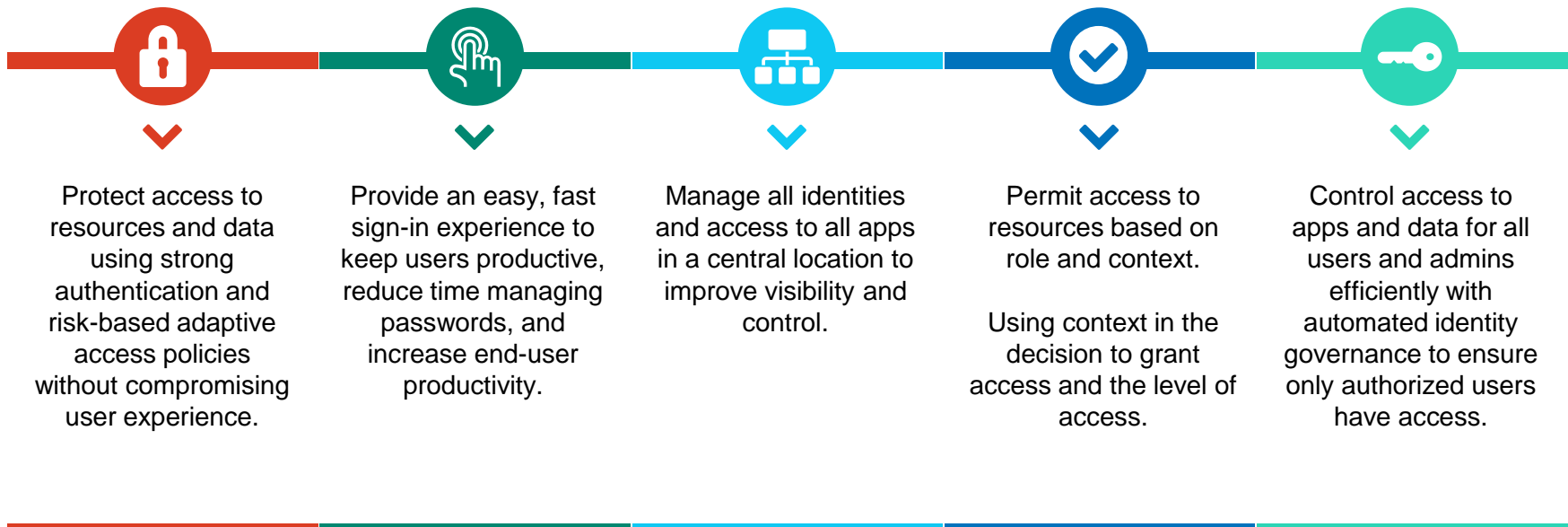
## Security Controls

- IAM - Identity and Access Management
- SSO - Single Sign On
- MFA - Multi-factor Authentication
- PAM - Privileged Access Management

# Reference Customer Need



We help you to define an **Identity and Access Management** strategy and to create an identity solution that works for all your users, apps, and devices.





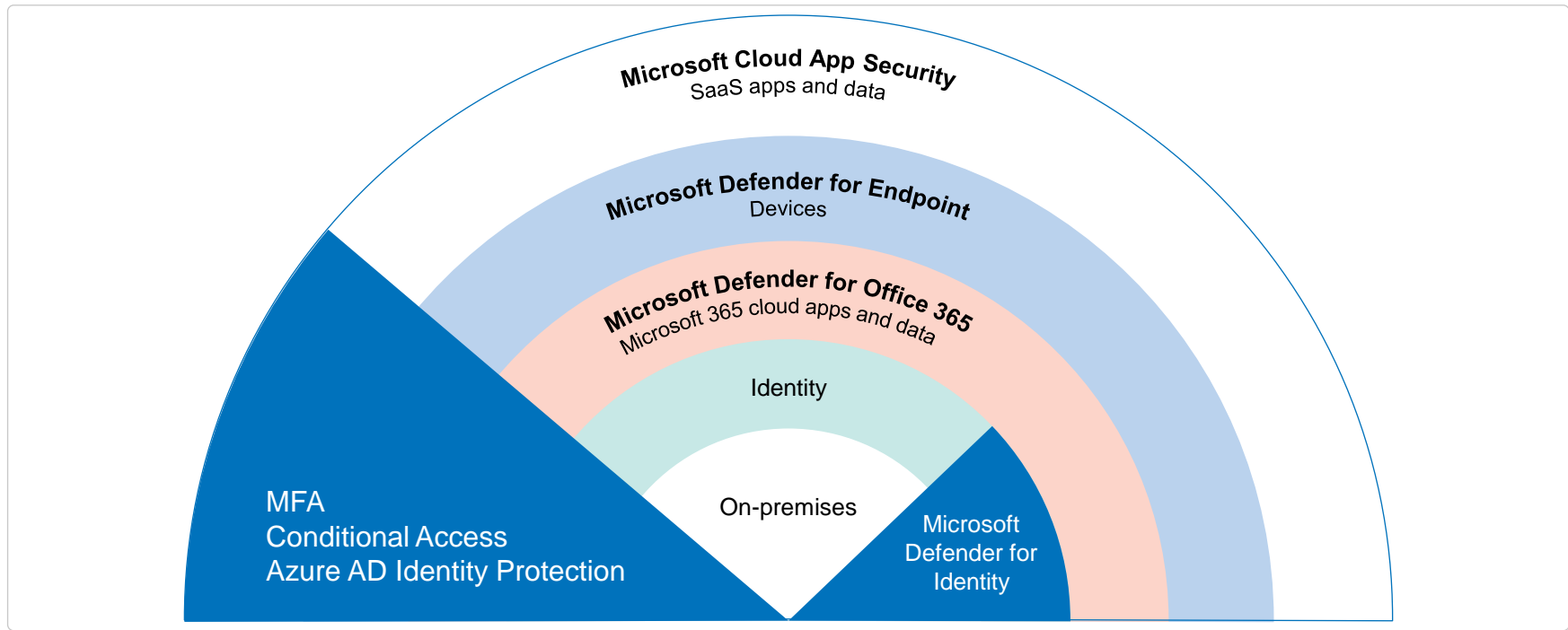
# Microsoft Threat Protection

**Benefit from a fully integrated end-to-end solution  
that is secured by Zero Trust**

# Reference Customer Need



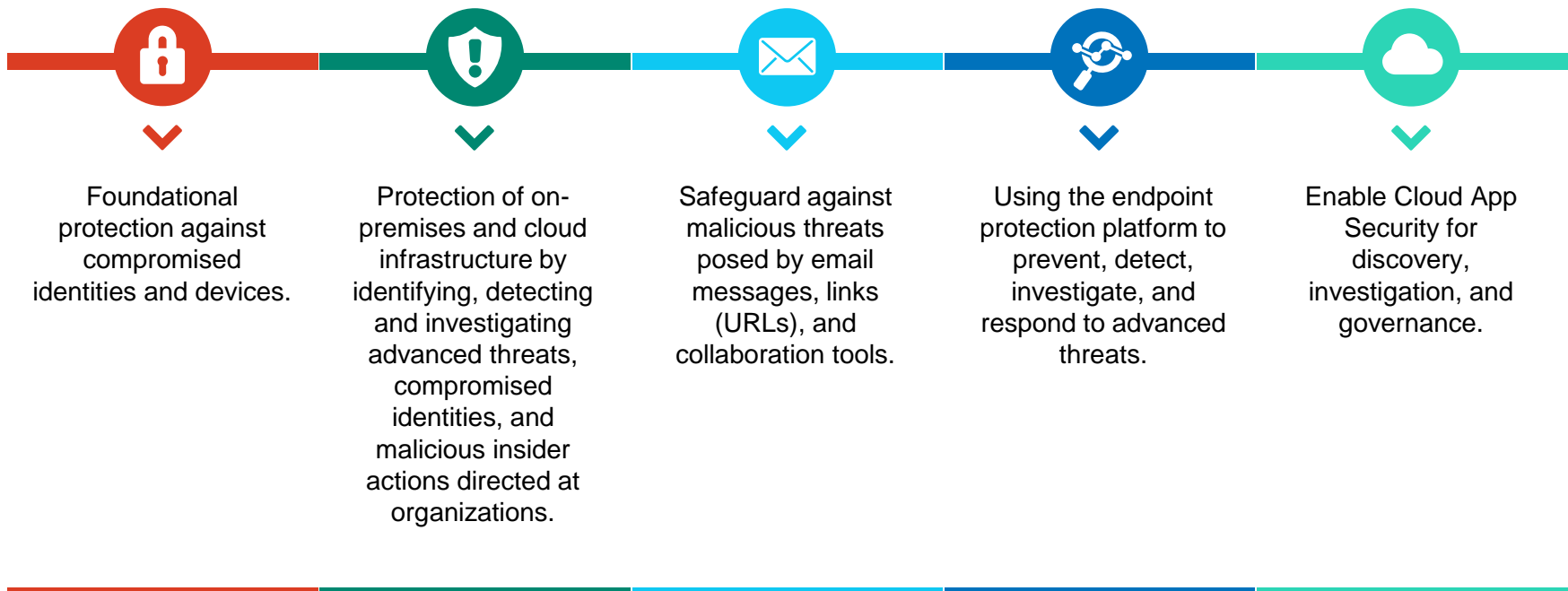
Increase the level of protection for users, access and devices with **Microsoft Threat Protection**



# Reference Customer Need



We support you with a Proof of Value (PoV) and we help you to deploy an end-to-end **Threat Protection**.



A hand is shown interacting with a tablet device. The background is dark with out-of-focus light spots in blue, orange, and white, creating a bokeh effect. The text is overlaid on the image.

# **Microsoft Information Protection**

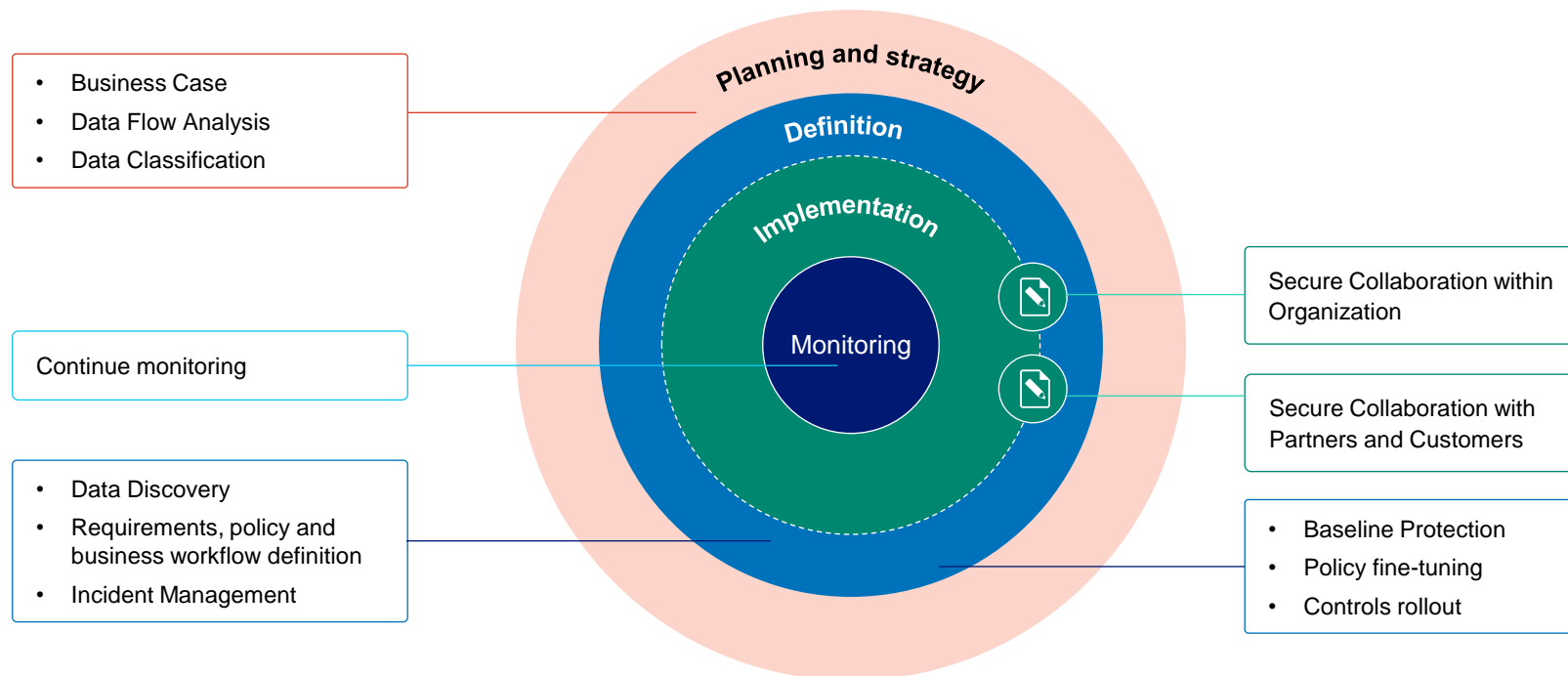
**Protect sensitive data and manage insider risks with intelligence**



# Reference Customer Need



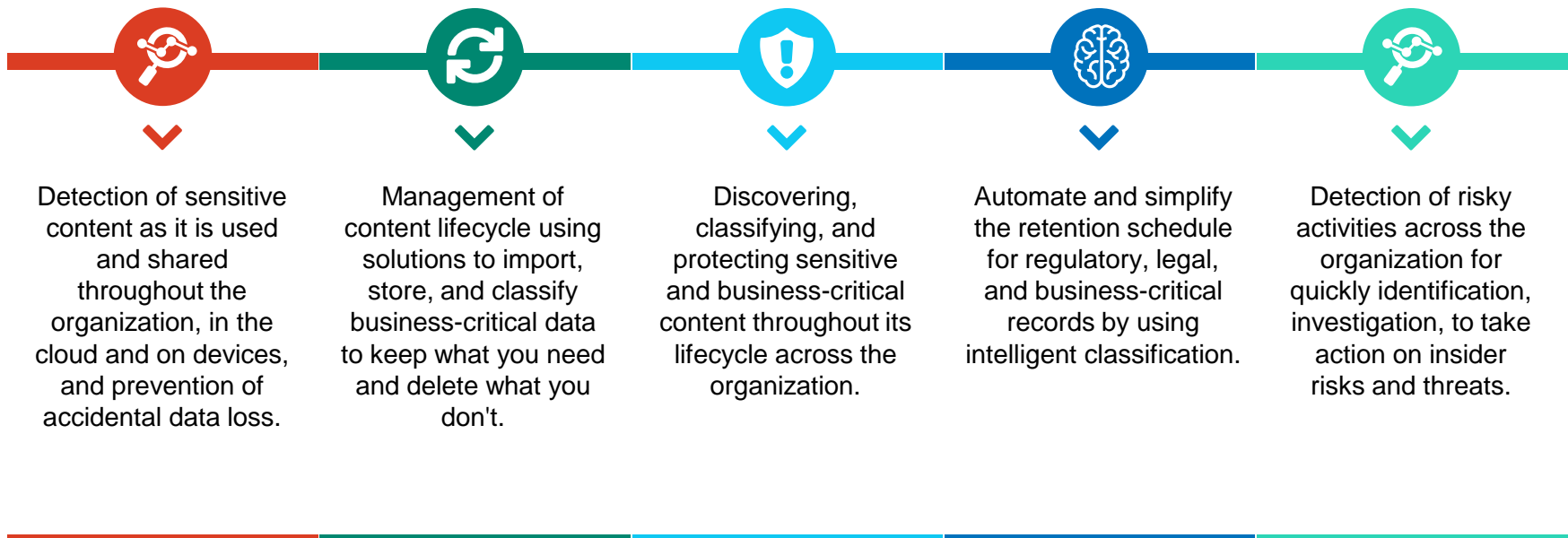
Prevent data breach, damage and disruption with **Microsoft Information Protection** by protecting it through a process of classifying Data, gaining visibility and implementing controls. Ensure encryption for all Data in-motion, at-rest and in-use.



# Reference Customer Need



We help you to define a Data Security Strategy, discover your Data, define DLP requirements and implement the right controls across people, process and technology with **Microsoft Information Protection**.



A photograph of three people—two women and one man—collaborating in a dimly lit office at night. They are gathered around a desk with multiple laptops. One woman is pointing at a laptop screen while the others look on. The background is filled with out-of-focus city lights, creating a bokeh effect. The overall mood is professional and focused.

# Cloud Security and SOC Services

## Expanding Security capabilities to Azure

Details can be taken from the offering “Cloud Security 360° ”

# Why choose NTT Ltd.?



We're focused on your business outcomes as we help you to create an intelligence-driven security posture across your digital business together with Microsoft.



We can **help** you from wherever you are on your **cybersecurity journey**.



We provide the **security skills** and **expertise** you need.



We can support your **global footprint** and regional presence.



We share our **extensive cross-technology expertise** to ensure your digital solutions are **secure by design**.



We provide the **industry, regional** and **global insights** through our research and experience with more than 4000 clients.



We partner with all of the **leading security technology** providers.



We invest in **security capabilities** you need now and in the **future**.



We offer advanced threat intelligence capabilities to **help you make informed risk-management decisions**.

# Why choose NTT Ltd.?



We're focused on your business outcomes as we help you to create an intelligence-driven security posture across your digital business.

## We can help you wherever you are on your cybersecurity journey.

We offer the full lifecycle of security services from consulting, to technical and support and managed security services.

## We provide the security skills and expertise you need.

We have over 2,000 cybersecurity employees around the world dedicated to securing our clients, who are certified across multiple vendors, technologies, and industry standards.

## We can support your global footprint and regional presence.

We operate in 57 countries around the world, offer in-country support services and have local language capabilities.

## We invest in security capabilities you need now and in the future.

- We have 7 R&D centers around the world and have invested 100M USD in cybersecurity R&D.
- We develop our own IP to address market gaps and client security needs.

## We give you access to leading security technology providers to reduce time to implement and speed-up co-innovation.

We have global partnership agreements with leading technology providers mean that you get off-the-shelf access to the cybersecurity technology you need rather than having to scout, evaluate, and integrate them all yourself.

We continually assess, select, and pre-integrate partner technology into our managed security services platform.

## We provide the industry, regional and global insights through our research and experience with more than 4,000 clients.

Global Threat Intelligence Center, Cybersecurity Advisory Benchmarking and experience in serving more than 4000 security clients around the world, across multiple industries.

## We share our extensive cross-technology expertise to ensure your digital solutions are secure by design.

Our experts can embed security across your network, data center, applications, clouds to ensure you are secure as you digitally transform

## We offer advanced threat intelligence capabilities to help you make informed risk-management decisions.

- We have 6 Security Operation Centers around the world, analyzing billions of logs each day to help you find the needle in the haystack.
- Our visibility of vast amounts of cross/net flow data allows us to see attacks as they are being stood up to advise clients on proactive defense.
- We have insight via global, proprietary honeypots to capture advanced malware and attacks, including those for IoT and web applications.
- We combine our vast data sources, human expertise and proprietary threat intelligence capabilities for advanced



# Thank you