COHESITY

BERCA Hardayaperkasa
BEYOND TECHNOLOGY

From Backup to Breakthrough:

Cyber Resilience Maturity Model

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Cyberattacks continue to be the #1 threat to businesses globally

Ransomware gangs continue to innovate

- US$1B+ in payments annually
- AI-powered attacks
- 38% of attacks targeted vulnerabilities

Data is proliferating, increasing the risk of leakage

- 200 zettabytes of world's data to protect
- 46% of breaches involve customer personal data
- 2.9B records with highly sensitive personal data of up to 170M people in the US, UK, and Canada

$540,000 lost for **each hour** of downtime

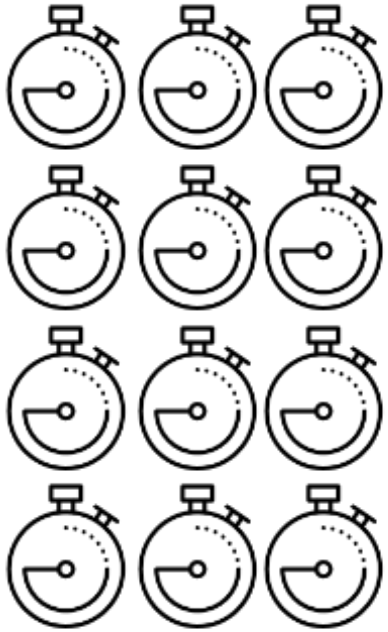
Why cyber resilience remains challenging

You don't know
what went wrong

Cyber recovery isn't
disaster recovery

Attacks are often far
more destructive
than anticipated

Key systems & data
are often inaccessible



Your actual RTO is 12x worse than anticipated

Without a thorough and proper response, **rapid reinfection can occur.**

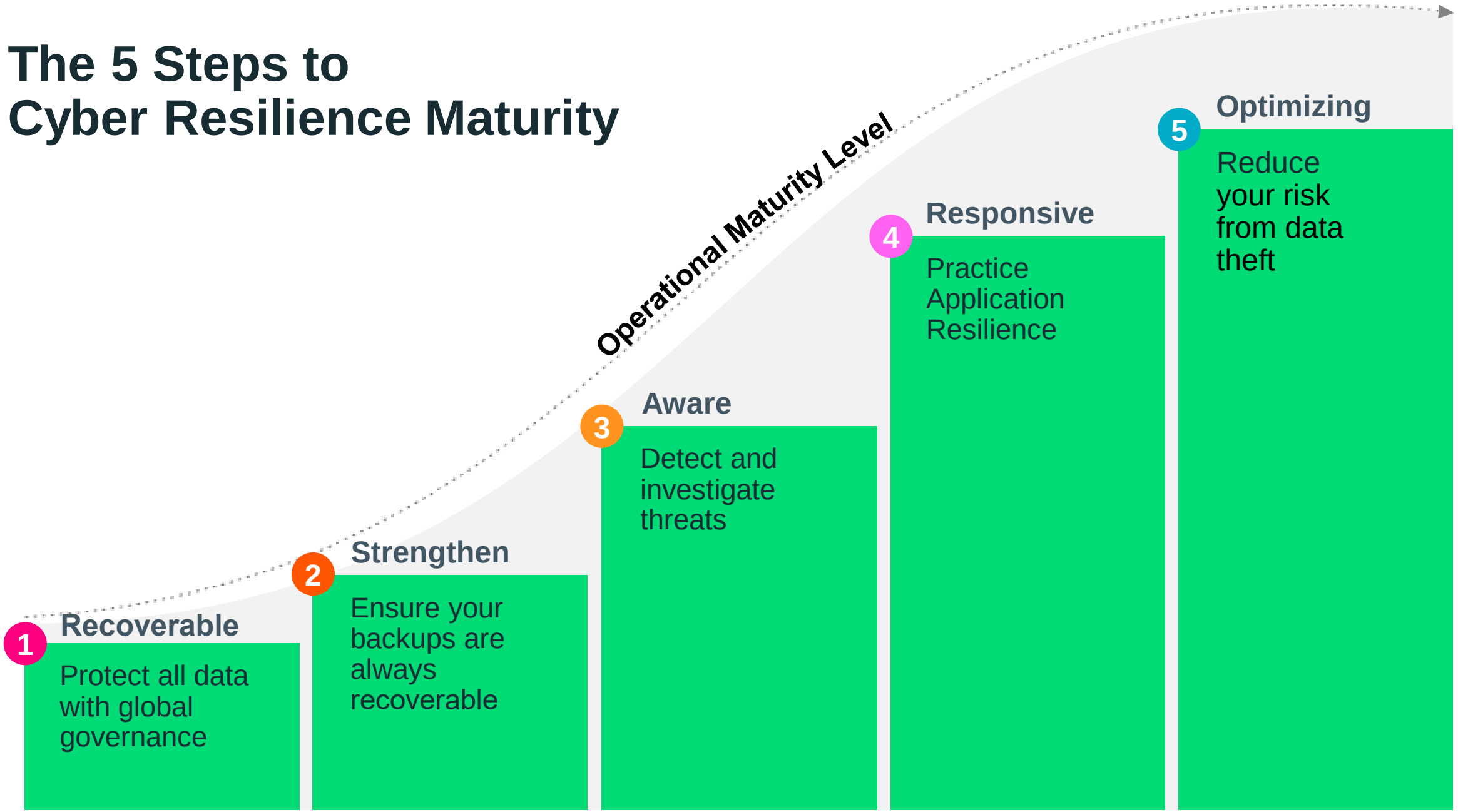
2025 Data Breach Report

2025 Data Breach Investigations Report | Verizon

Breaches Involving **3rd Party DOUBLED**	Breaches Involving **Vulnerabilities up by 70%**	Breaches Involving **Ransomware up by 20%**	Breaches Involving **Human up to 60%**

- 30% of breaches involved a **3rd party** – doubling last year's 15%
- 34% of breaches involved exploitation of vulnerabilities as the initial access step (up from last year's 20%) – ***IoT devices*** *contributed to the increase*
- 54% of perimeter device vulnerabilities were fully remediated, taking a median of 32 days to do so
- 44% of breaches **involved ransomware** (up from 37% last year)
- Median ransomware payment was $115K
- 60% of breaches involved a **human element**
- 15% of employees using **Shadow AI**, increasing risks for organizations

The 5 Steps to Cyber Resilience Maturity



1 PROTECT ALL DATA with global governance

Identify unprotected data – your biggest security risk

Physical servers VMs Containers	Databases Unstructured data NAS	SaaS	1000+ data sources

Cohesity Data Cloud

Unified UI + APIs | Common SLAs | Compliance | Reporting | Policies | AI-Powered Operations

Critical Success Factors

Storage Efficiency | Scale-out Performance | Global Search | Flexible Deployment Models | Consistent Licensing

KEY OUTCOMES

- Enhanced security
- Risk reduction
- Improved compliance & governance
- Lower costs & improved ROI
- Increased IT efficiency

2 ENSURE YOUR DATA is always recoverable

Harden your platform + add a cyber vault

1000+ data sources

On-Prem | Cloud | SaaS | Edge

Cohesity Data Cloud

Immutability | MFA | Separation of Duties | 3-2-1-1 | Threat Containment | DataLock | REDLab

Critical Success Factors

Backup Restoration Performance | Cyber Vault On-Prem or Cloud | Cyber Vault Key Management & Immutability

Cyber Vault

Physical & logical isolation

KEY OUTCOMES

- Faster & more secure recovery
- Stronger protection against attacks
- Audit readiness
- Zero trust alignment

3 DETECT AND INVESTIGATE threats

Conduct regular threat hunting & monitor anomalies

Threat Hunting

Anomaly Detection

Ecosystem integrations

Cohesity Data Cloud

Automated & On-Demand Scanning | AI-Powered Anomaly Detection | Threat Intelligence | Hash Index | Forensics

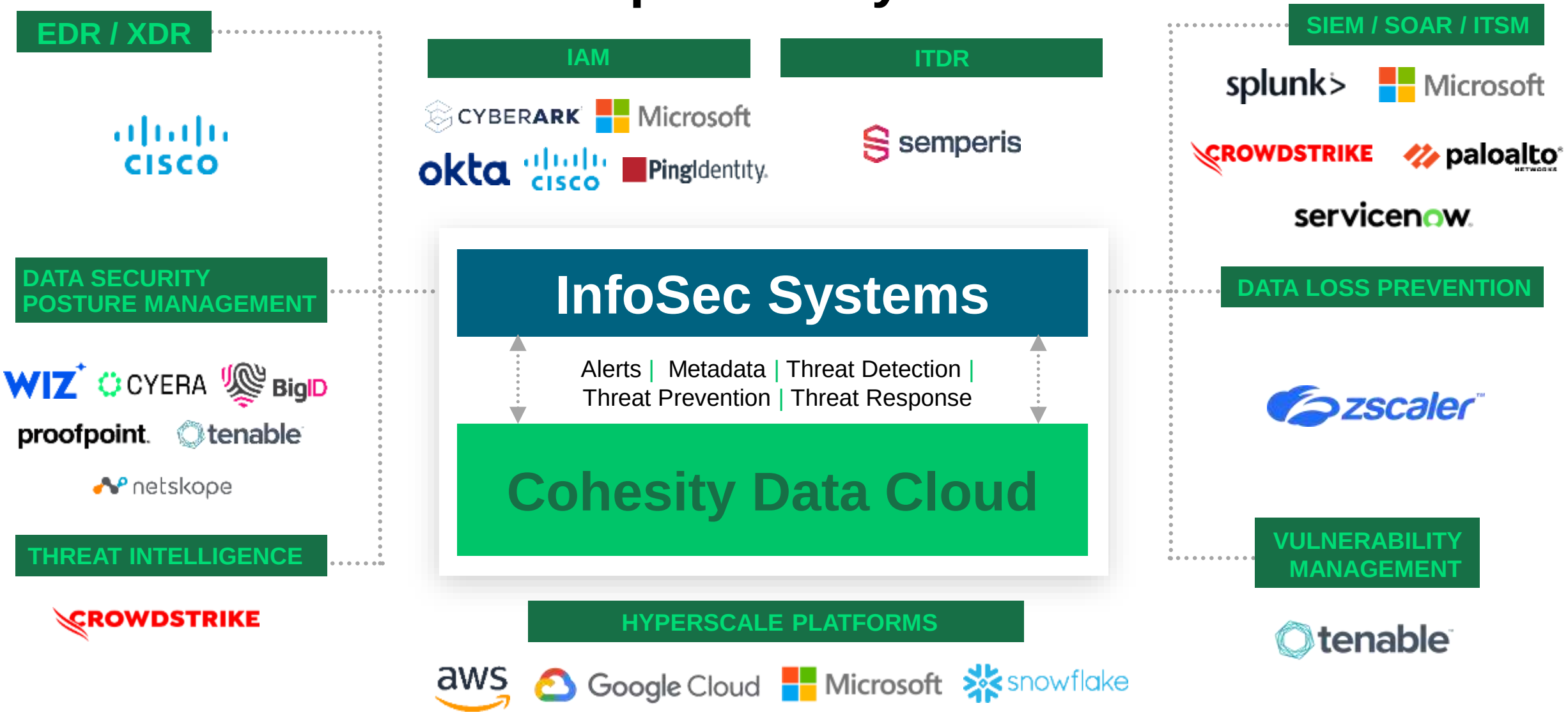
Critical Success Factors

Built-In & BYO Threat Feeds | 100,000s Indicators of Compromise | YARA Rules | Open & Extensible Platform

KEY OUTCOMES

- Early threat detection & mitigation
- Backup integrity assurance
- Faster incident recovery and reduced downtime
- Shared context for IT & InfoSec teams

The Industry's Most Secure & Open Ecosystem



4 PRACTICE APPLICATION RESILIENCE for Incidents

Automate cyber recovery: Initiate, Investigate, Mitigate

Digital Jump Bag™

Orchestration

Clean Room

Rapid Recovery at Scale

Cohesity Data Cloud

Secure File Storage | Cyber Recovery Orchestration | Clean Room Solution | Forensic Threat Hunting | IR Ecosystem

Critical Success Factors

MVRC | Incident Analysis Timeline | Instant Mass Restore | CERT (Cyber Event Response Team)

KEY OUTCOMES

- Faster & safer recovery
- Improved RTO
- Lower risk of re-infection
- Reduced disruption & financial risk

5 REDUCE YOUR RISK from data theft

Optimize your data security posture

Assess incident impact

Identify unprotected critical data

Data classification

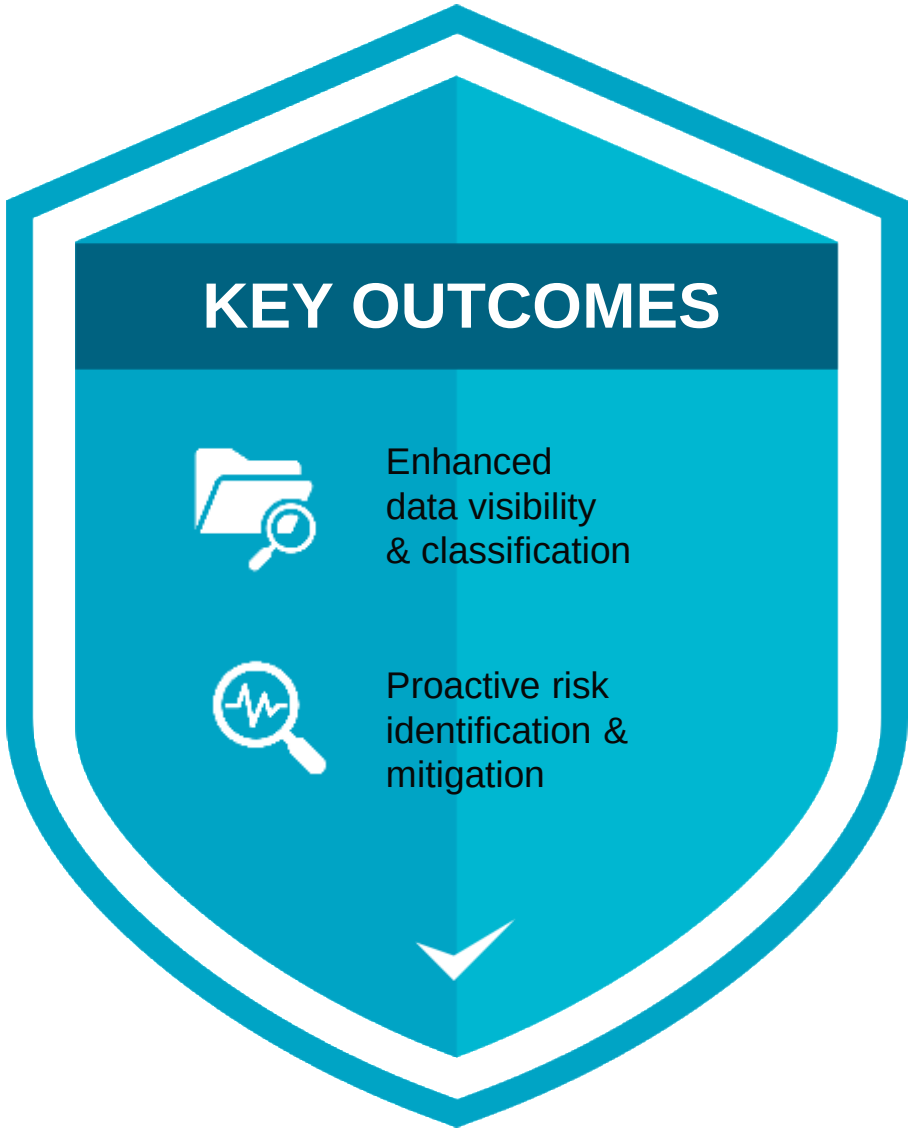
DSPM ecosystem
Data discovery & classification

Cohesity Data Cloud

Large Pattern Dictionary | Context Recognition | Name Entity Recognition | Ensemble Learning Models | DSPM Integration

Critical Success Factors

230+ Data Classifiers | Choose the Right DSPM Solution



Questions to Ask

Knowing your Resilience Maturity Level

Preparation

- How do you identify and prioritize systems to be backed up?
- How do you comply with your regulatory obligations to contact impacted data subjects and regulators?
- How do you protect your backups from attack?

Practice & Rehearsal

- How do you conduct desktop simulations of destructive cyberattacks?
- How do you conduct drills of destructive cyberattacks?
- How do you rebuild systems to a trusted state should the time required for investigation and remediation exceed required RTO?
- How does the organization ensure that all the resources needed to respond to, and recover from, a destructive attack are available?

Incident Response

- How do you hunt for destructive attack Indicators of Compromise, prior to, during and after an attack?
- How do you leverage threat intelligence as a part of response and recovery?
- How do you perform filesystem forensics?
- How do you investigate how the attack happened in order to identify vulnerabilities, gaps in controls and persistence mechanisms, and remediate them prior to recovery?
- Do you have an ability to detect malicious encryption and deletion events?
- Do you have an isolated investigation and remediation environment for incident response and secure recovery?

Cohesity’s Response to Industry Threats

Data is Most Vulnerable

Backups are #1 target

Break-out in minutes, not hours

Credentials theft eclipse phishing

Zero-day & edge device spike

Negotiate or Pay Recovery is shaky

Cohesity Solution : Be Resilient, Recover Faster

- Immutable + Air-gapped
- Trusted restore at scale
- ML-Driven threat detection and hunting
- Clean room recovery workflow
- Sensitive data monitoring
- CERT Security Consulting

Your next steps for optimized cyber resilience

1 **Understand** how to implement the framework in your environment

2 **Develop** a business case

3 **Assess** your resilience maturity

THANK YOU

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