

[Keynote 2] Get Real About Cyber Risk II

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데이터 보호 전략

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GET REAL

ABOUT CYBER RISK



Your Data is under attack



83%

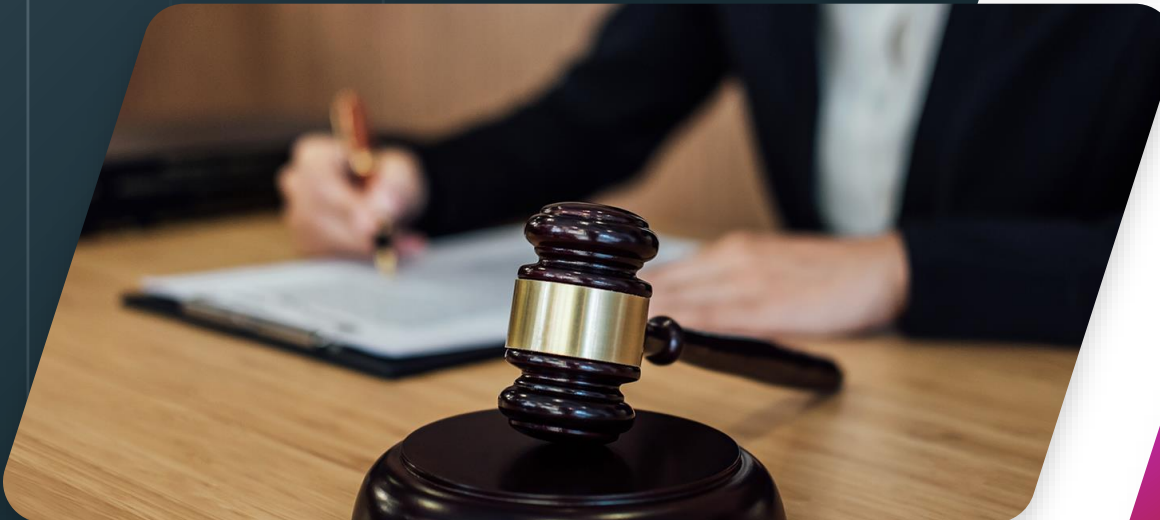
Enterprises reported a successful cyber breach

50%

of those lost data

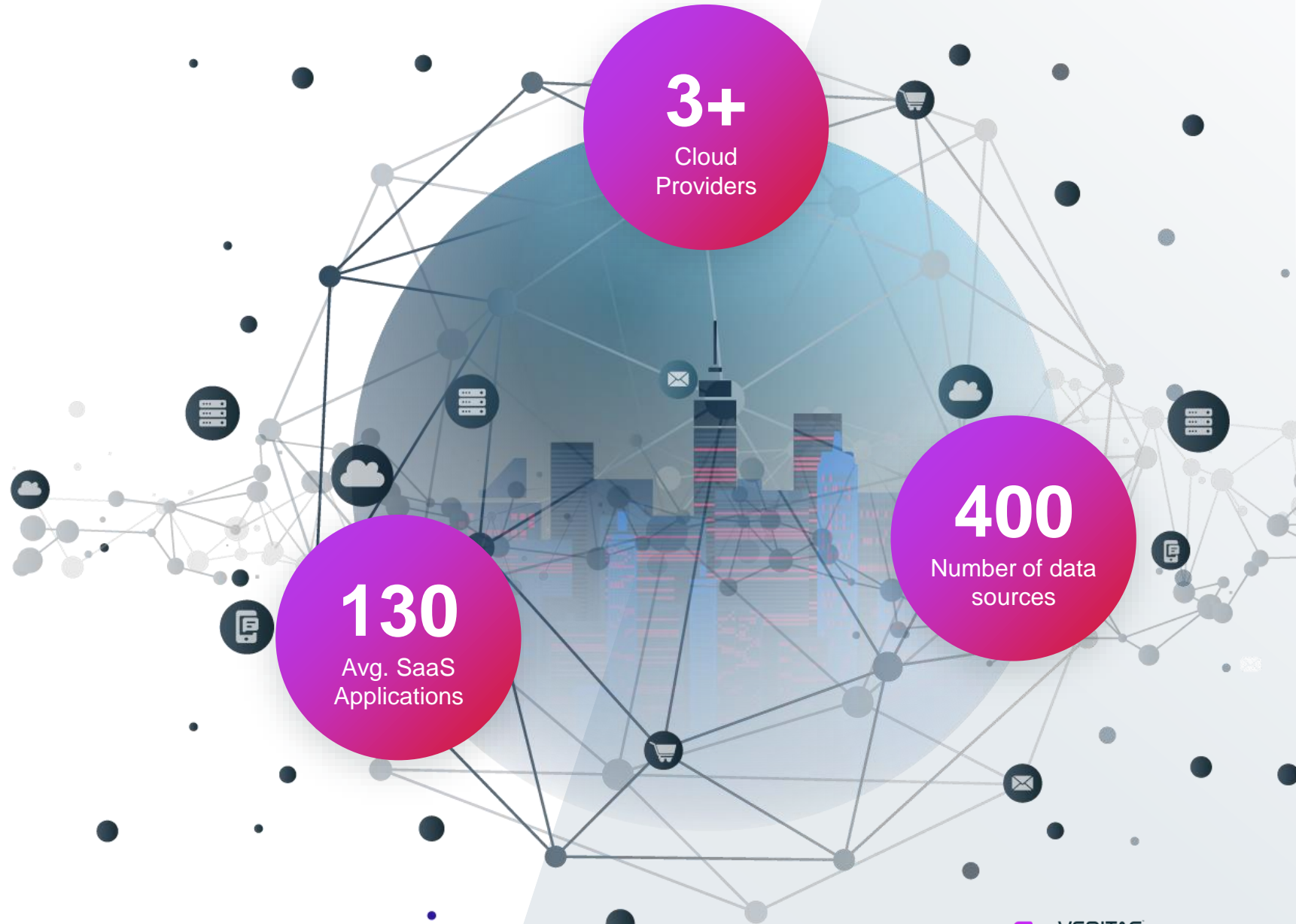
73

days to contain a breach



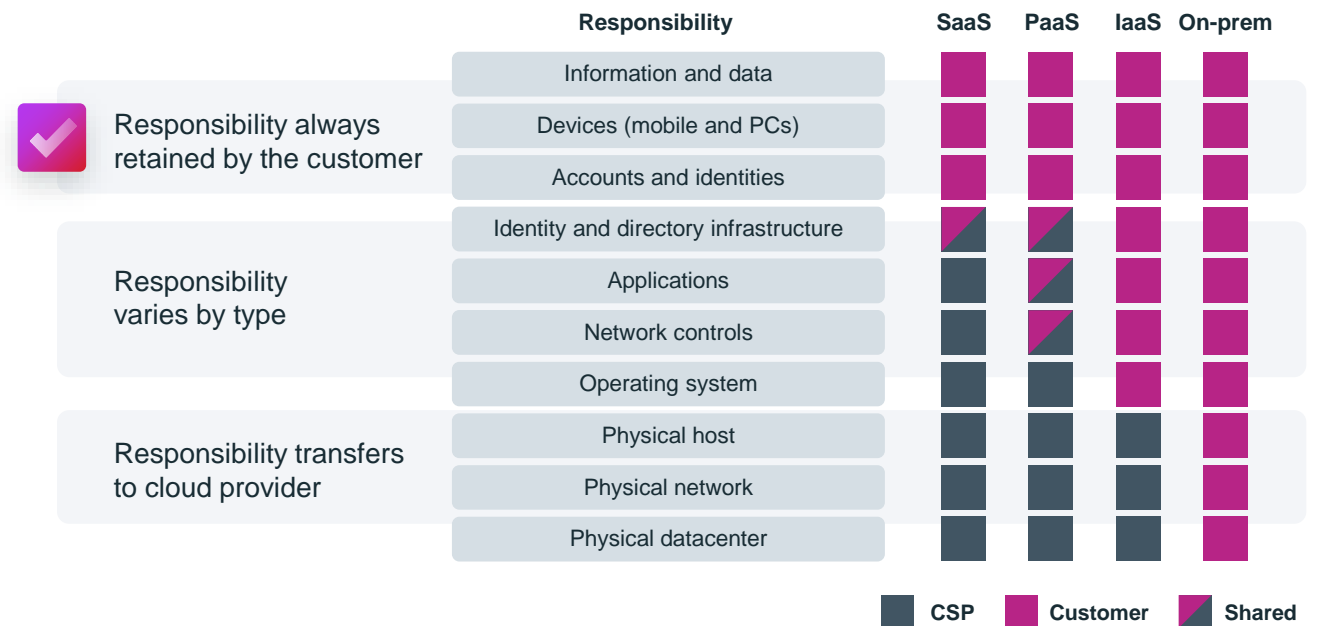
¹ Source: "Cost of a Data Breach Report 2023, IBM Security, <https://www.ibm.com/reports/data-breach>

Today, Data lives Everywhere



Data is *always* your responsibility

Cloud: A Shared Responsibility Model





OVERCOMING DATA COMPLEXITY

WITH AUTONOMOUS DATA MANAGEMENT

Our Vision: Autonomy

Addressing the challenges of complexity, risk, skills and costs



Why can't we do the same with **Data Management**?

Autonomous Driving Journey

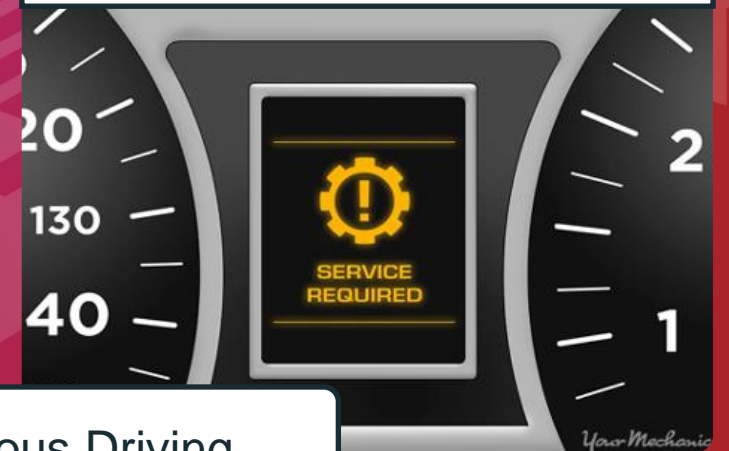
1. Manual



2. Task Automation



3. System Recommendation



4. Co-Pilot Assist

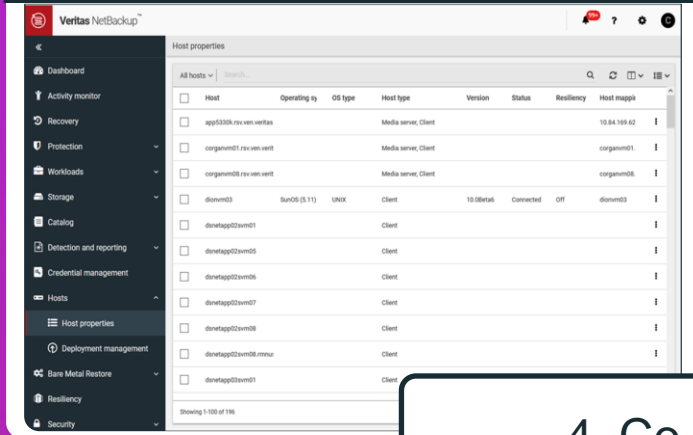


5. Autonomous Driving

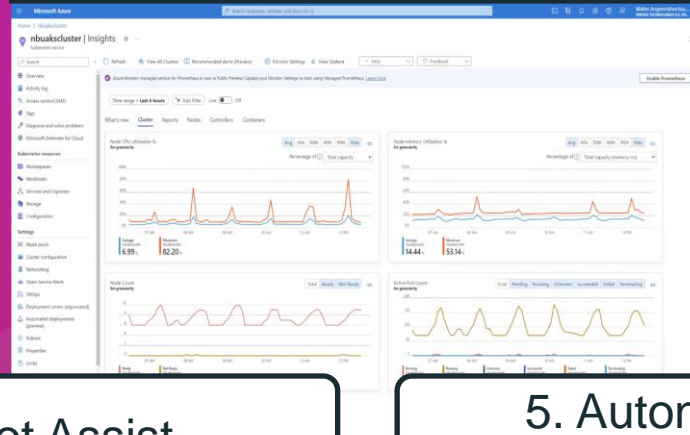


Self-Driving Autonomous Data Management Journey

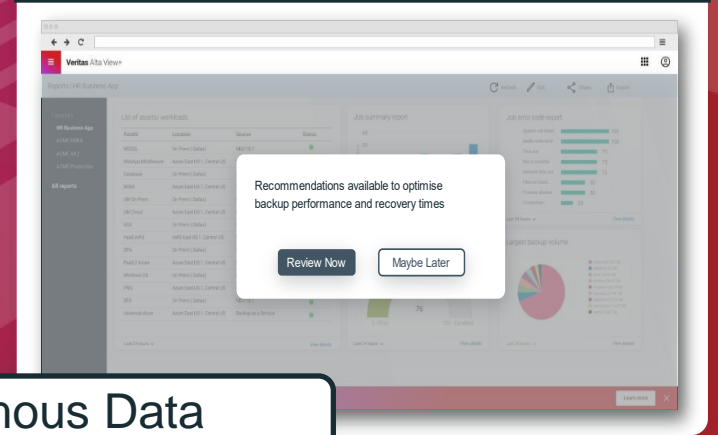
1. Manual



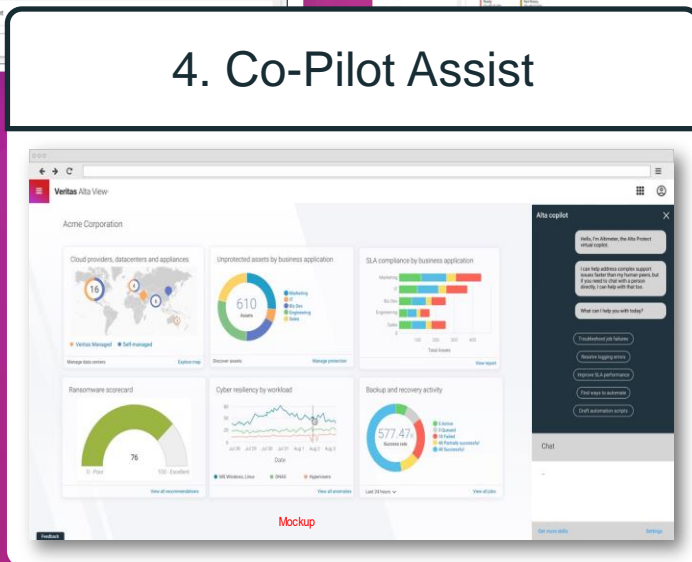
2. Task Automation



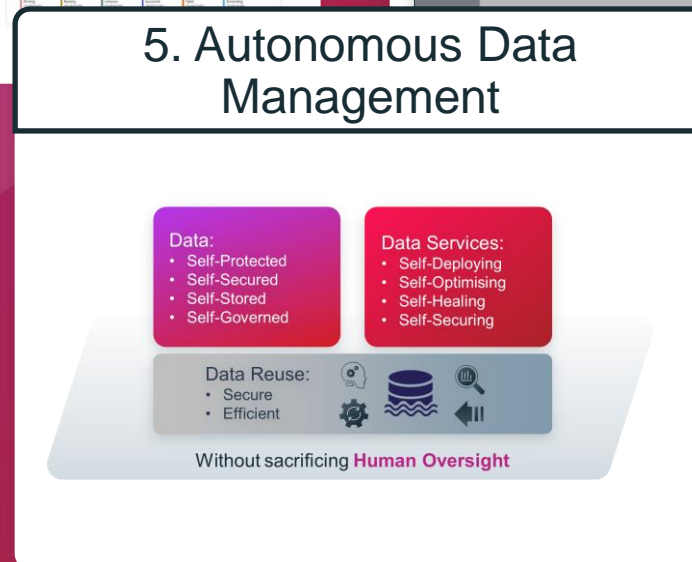
3. System Recommendation



4. Co-Pilot Assist



5. Autonomous Data Management



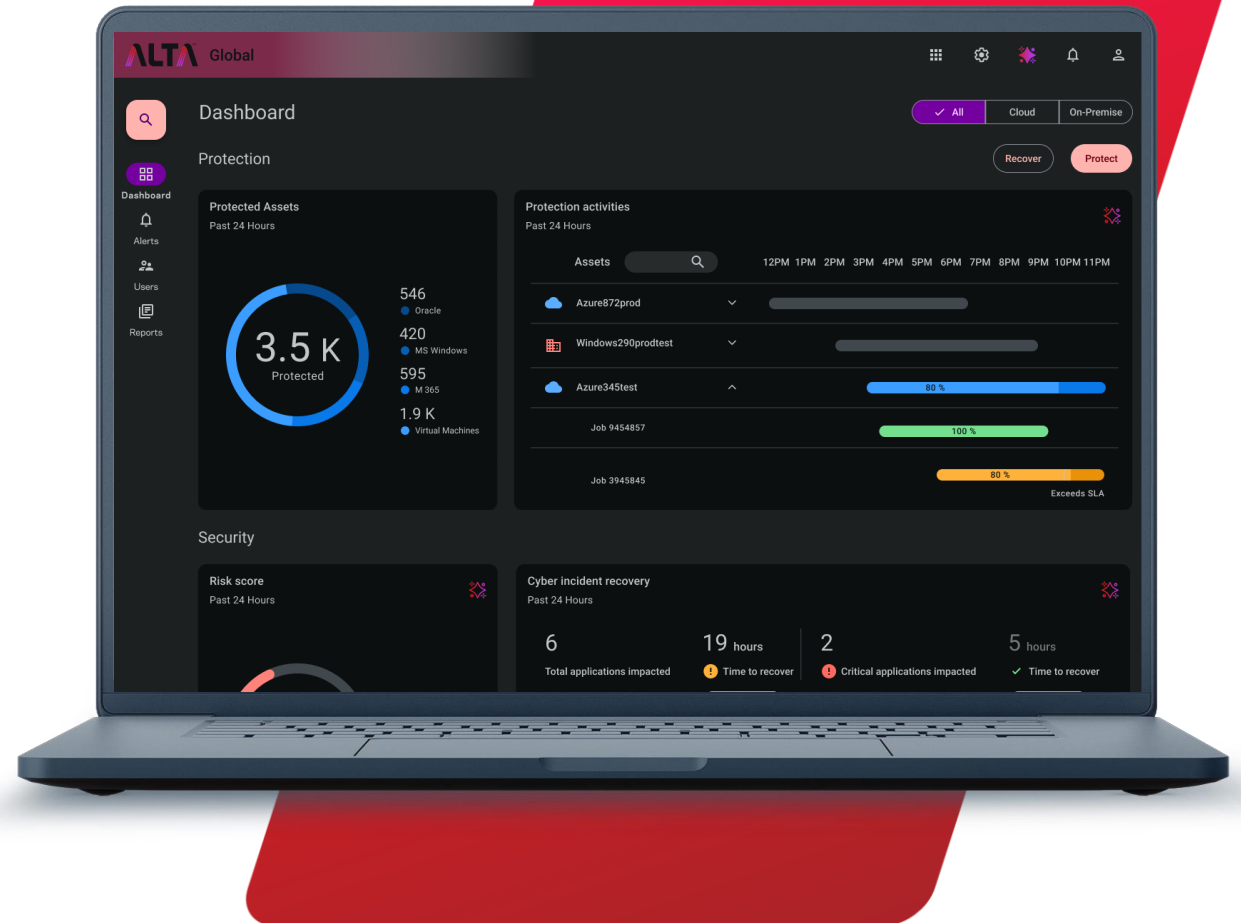
- Data:**
 - Self-Protected
 - Self-Secured
 - Self-Optimising
 - Self-Stored
 - Self-Governed
- Data Services:**
 - Self-Deploying
 - Self-Optimising
 - Self-Healing
 - Self-Securing
- Data Reuse:**
 - Secure
 - Efficient

Without sacrificing **Human Oversight**

Veritas Alta “Coming Attractions”

Simplified Interface with AI-Driven Reporting

- Updated Look-and-Feel
- Fully Integrated Hybrid Experience
- AI-Driven Insights & Actions
- Simplified Navigation
- Workflow Oriented Protection & Recovery Blueprints
- Hybrid Multi-Cloud





GETTING REAL

ABOUT CYBER RISK

Why Is Recovery Time So Long?

IT:

“Which servers were compromised?”

SECURITY:

“I wonder how they got in?”

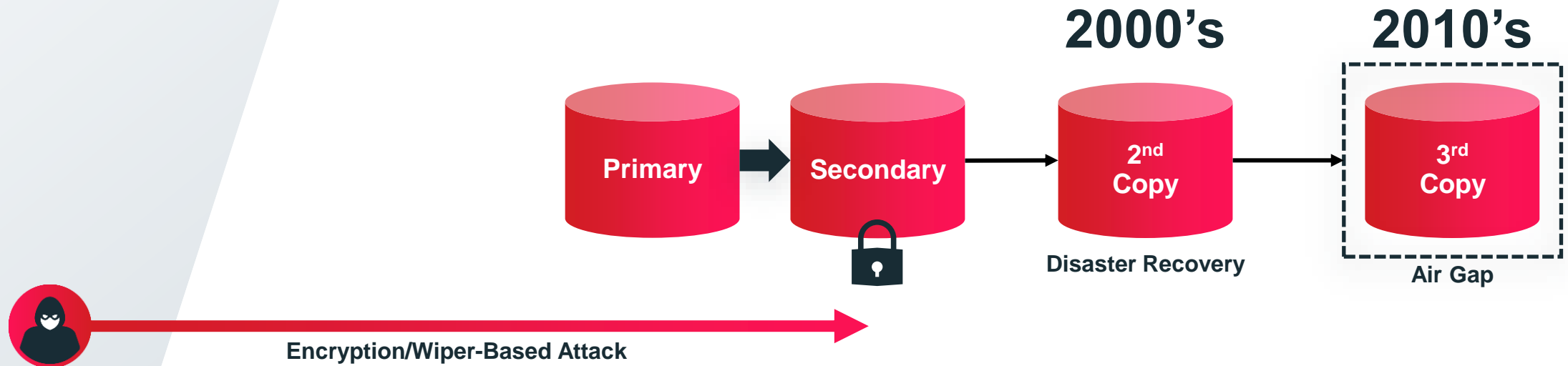
EXECUTIVE:

“Will I be held liable for this?”

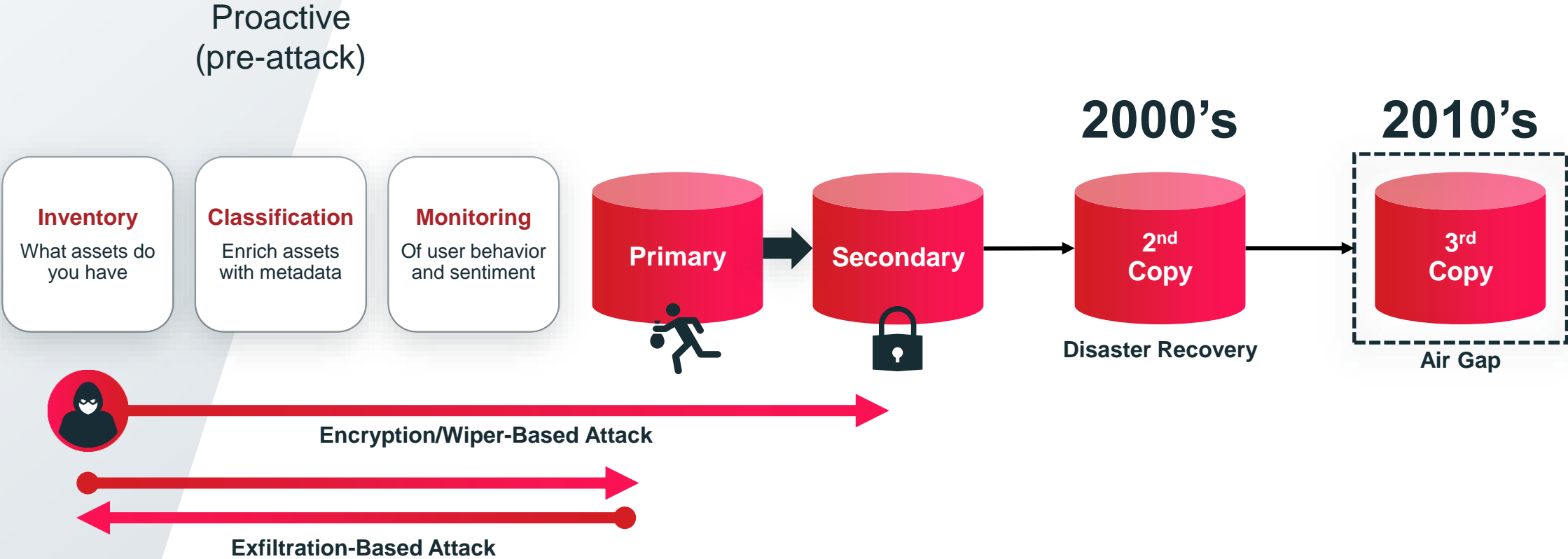
LAWYER:

“Do I need to disclose?”

1st Generation Ransomware Protection is **no longer** sufficient



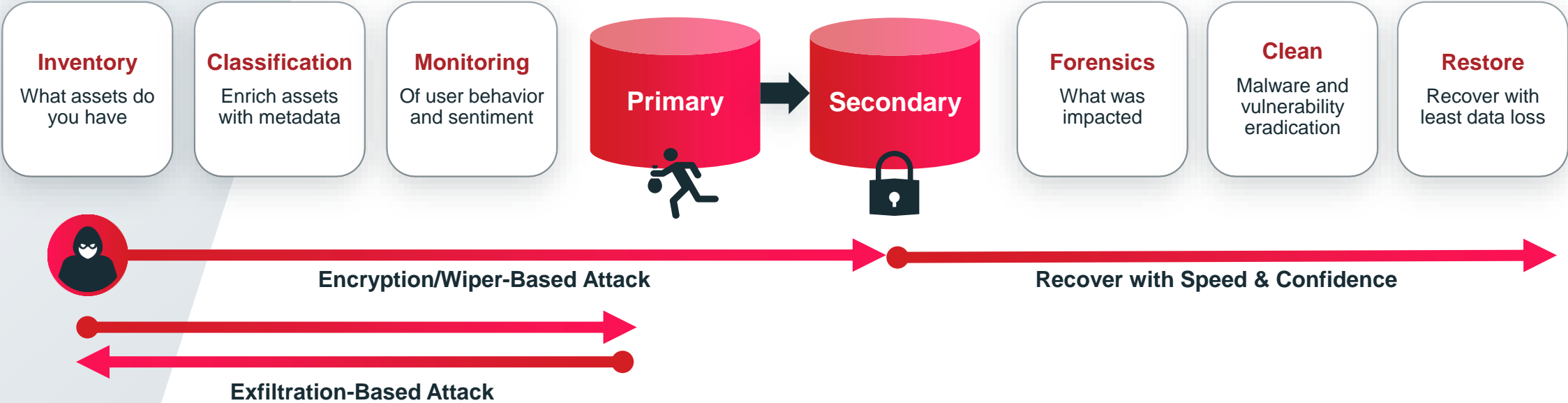
Attacks on Data are Far more **Sophisticated** in the 2020's



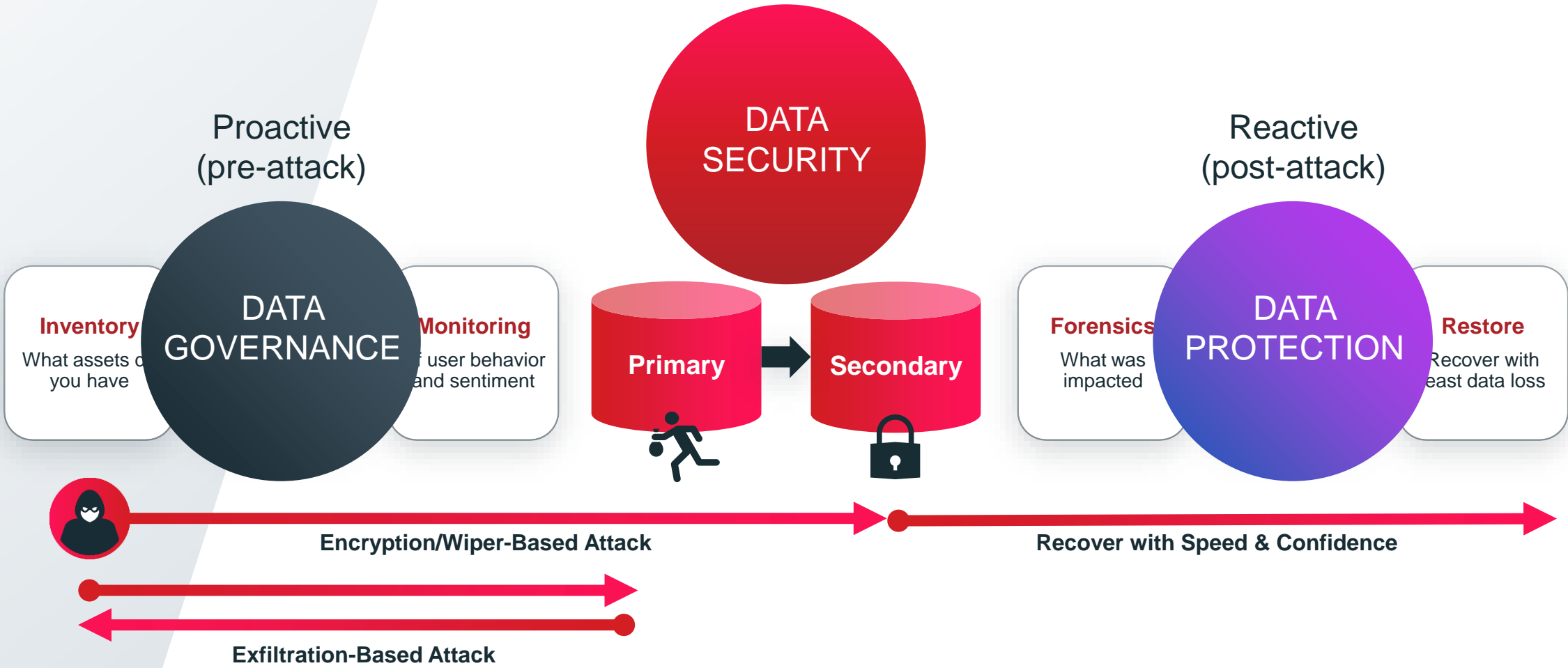
Data Protection, Security and Governance have **Evolved**

Proactive
(pre-attack)

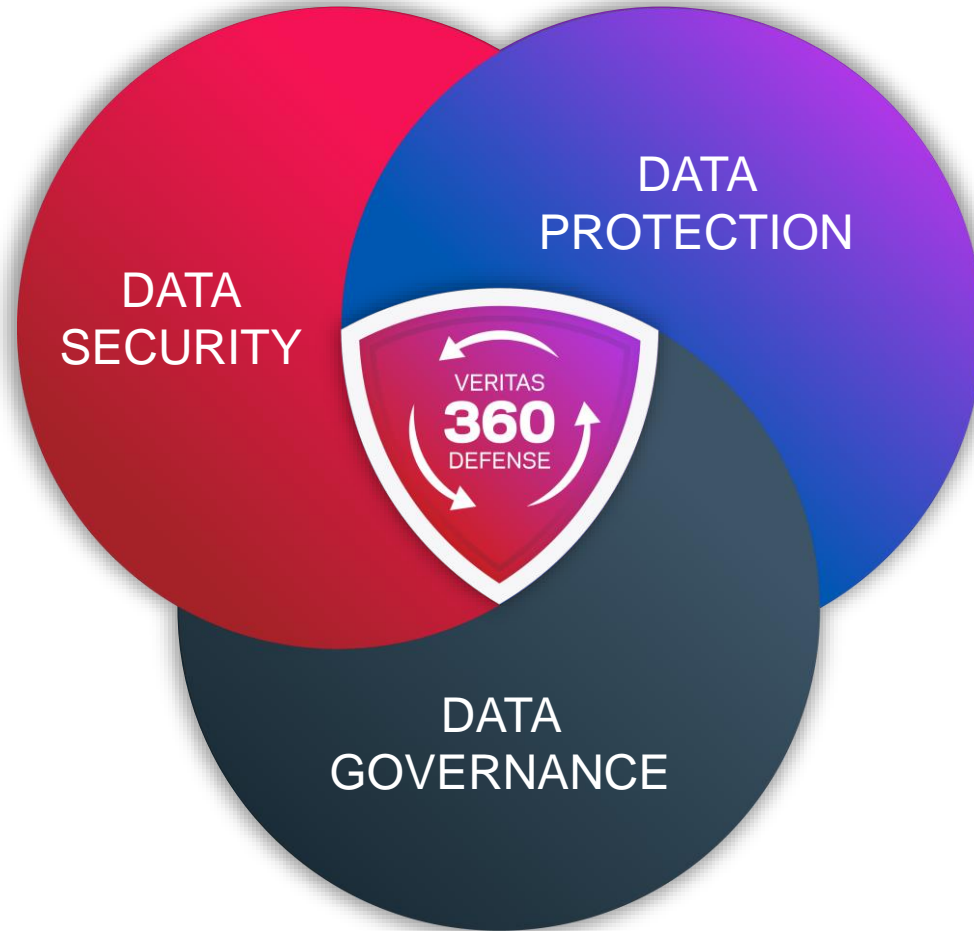
Reactive
(post-attack)



Data Protection, Security and Governance have Evolved



A Holistic Approach



Market-Leading Cyber Resilience Capabilities

Prevent Data Destruction

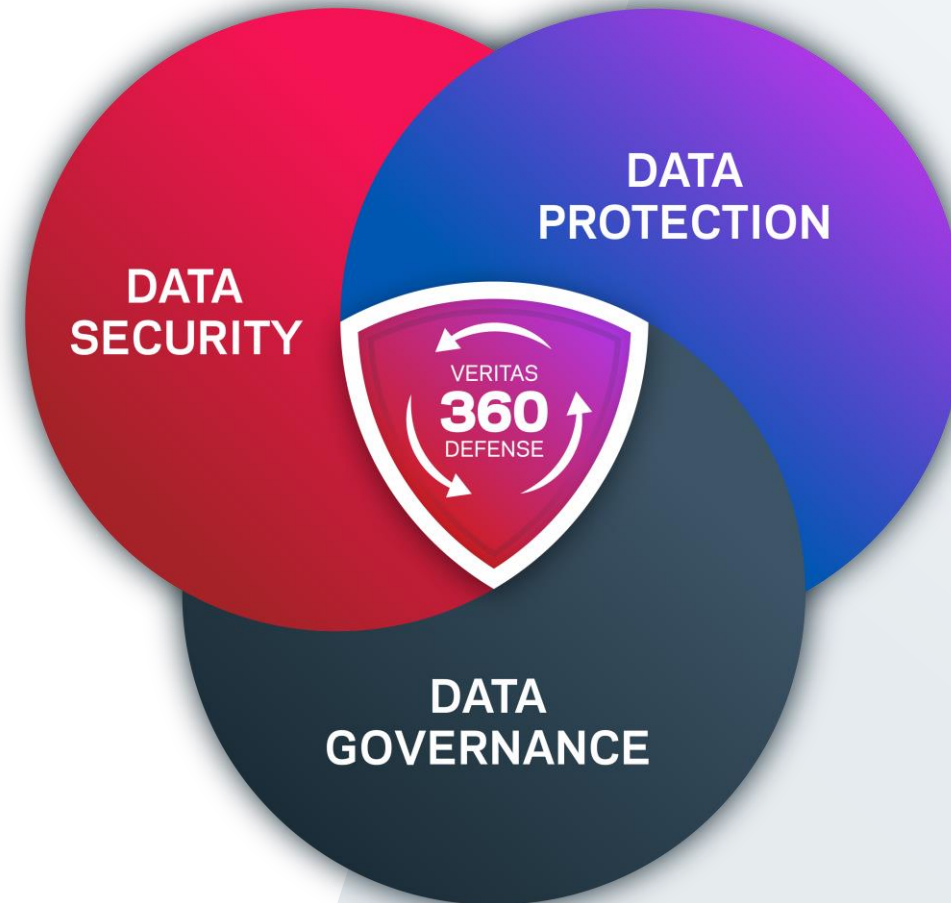
- Data Governance and DSPM
- Heterogeneous Asset Inventory
- Multi-Layered Immutability
- SaaS, Site-to-Site, Local Isolation

Strengthen Cyber Defenses

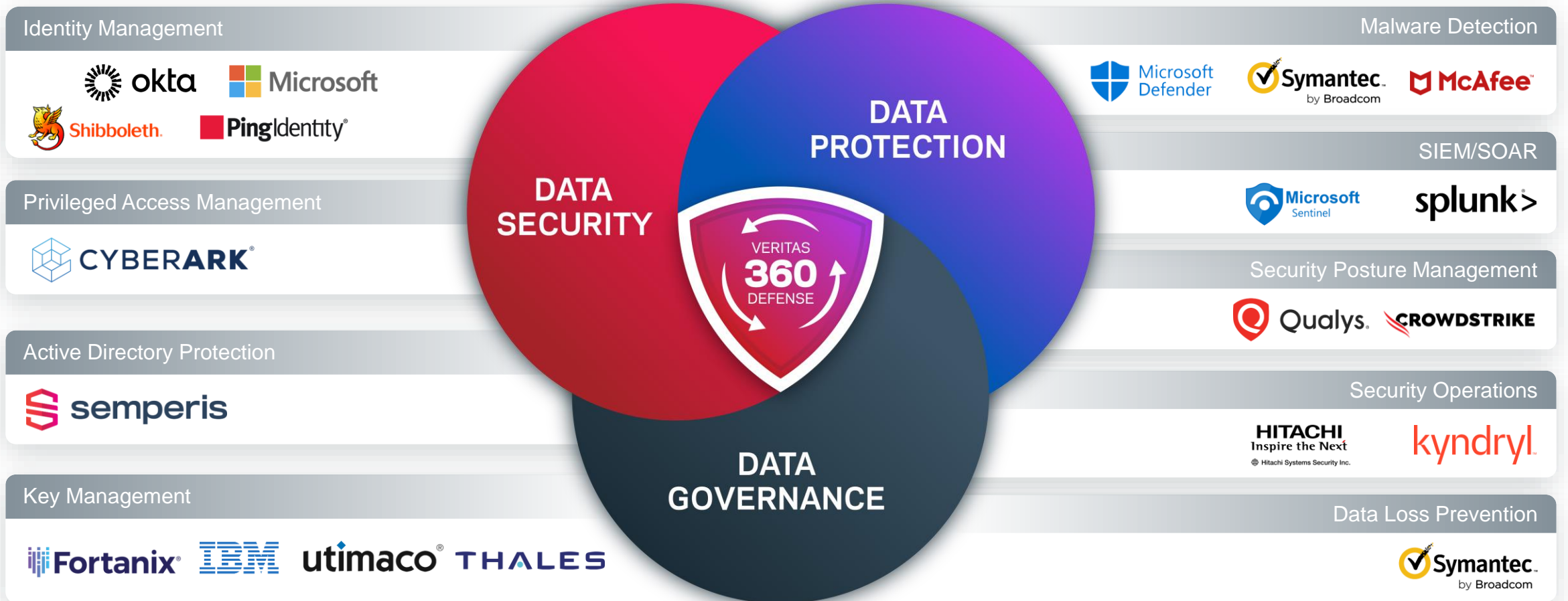
- Detect and Understand Anomalous User Activity
- Ransomware Detection
- Threat Protection

Orchestrated, Trusted Recovery

- Remediate Recovery Threats
- Extensible Orchestrated Recovery
- Rehearsed/Validated and At-Scale Recovery



Veritas Cybersecurity Partner Ecosystem



Customers Require Breadth and Depth

Core Capabilities

- Anomaly Detection
- Malware Scanning
- Threat Hunting
- Immutability
- Sensitive Data Classification
- Encryption
- NAC, MFA, MPA, RBAC
- Audit Trails and Reporting
- Secure by Default
- Pull-Based Replication
- User Behavior Analytics
- Secure Offsite Vaulting

Security Ecosystem

SIEM/SOAR with Runbooks and Response Kits

Identity Management

DLP, CSPM, DSPM, Blast Radius Reporting

Any Infrastructure

Any Cloud/Multi-Cloud

Leveraging Partnerships

Tested at Enterprise Scale








Certifications

- DISA STIG
- NIST SP 800-53, NIST SP800-37, RMF, ICD 503, NIST 800-171
- FIPS 140-2
- TLS 1.3
- IPv6/USGv6
- ISO Common Criteria
- SOC2: Alta Archiving, SaaS Protection
- IRAP: Alta SaaS Protection [In Process]
- Sheltered Harbor
- FedRAMP: Alta SaaS Protection

Cyber Readiness Designations

- Sole data protection provider for CISA JCDC
- CMMC readiness
- EO-compliant with "critical software" designation from EO 14028, M22-18



Real-World Testing with Best-of-Breed Ecosystem

Live Malware Testing

- ✓ Injection of live malware
- ✓ Validate resiliency
- ✓ Ensure recoverability

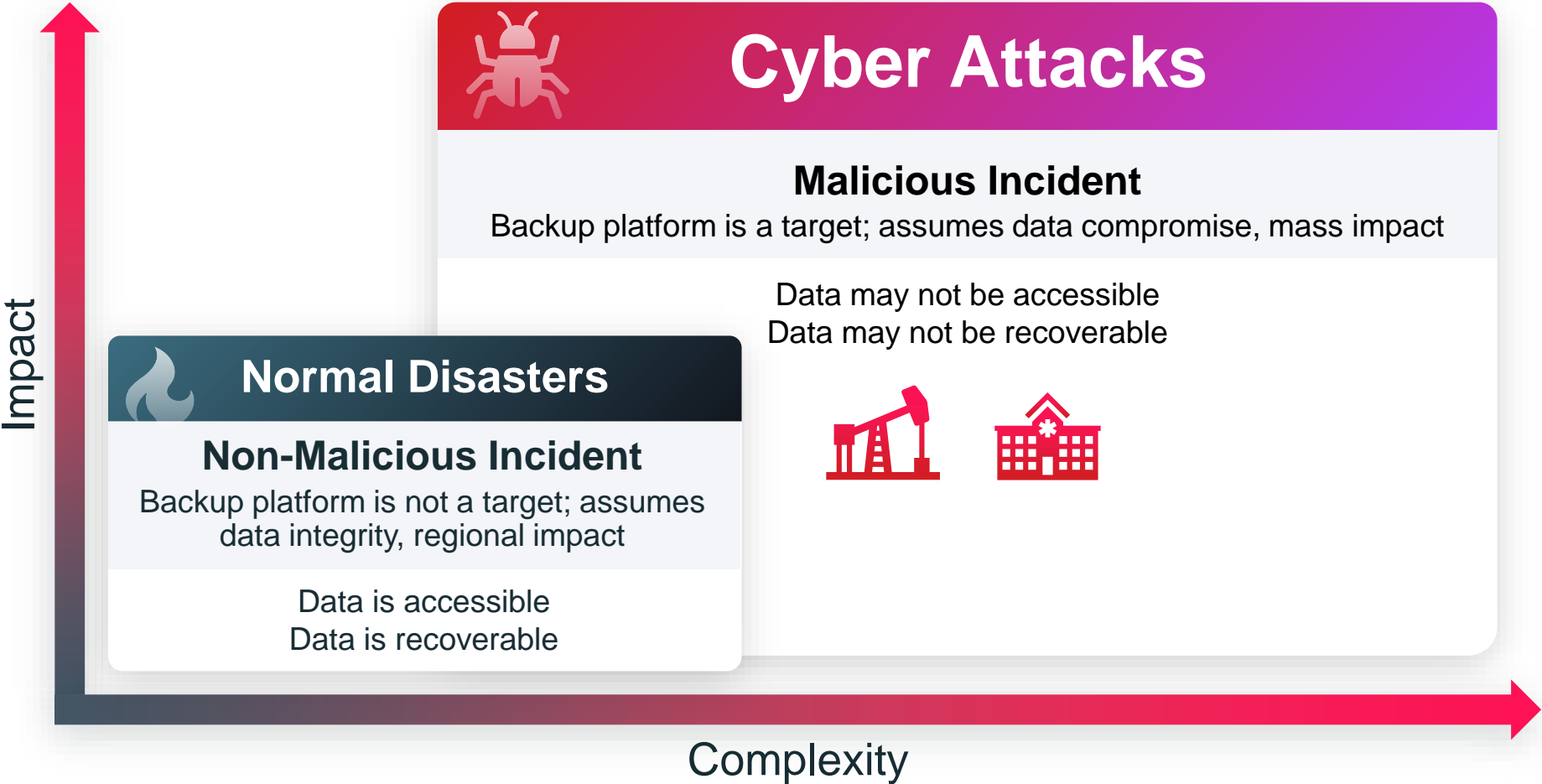
Security Research

- ✓ Independent research
- ✓ Identify new attack vectors
- ✓ Update defense mechanisms

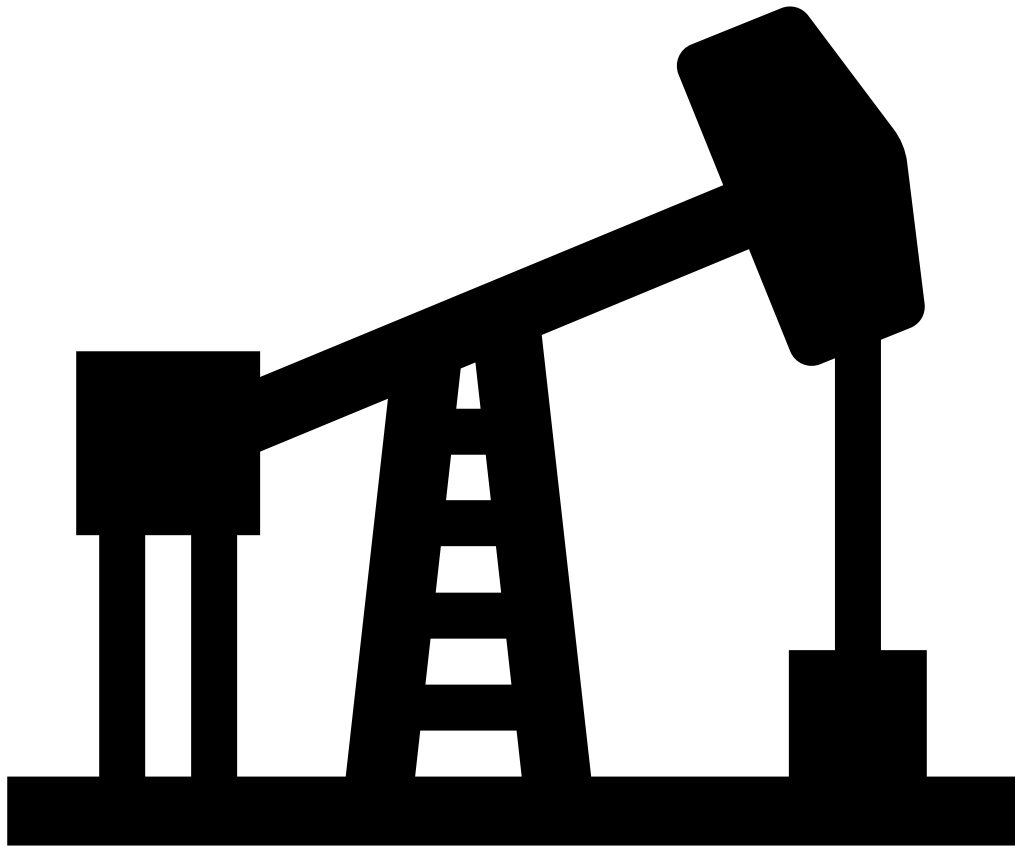
Informed Products

- ✓ Test real attack scenarios
- ✓ Internal Pen Testing
- ✓ Inform future product features and functionality

Cyber Resilience: Beyond Disaster Recovery



Oil & Gas Producer: Credential Theft

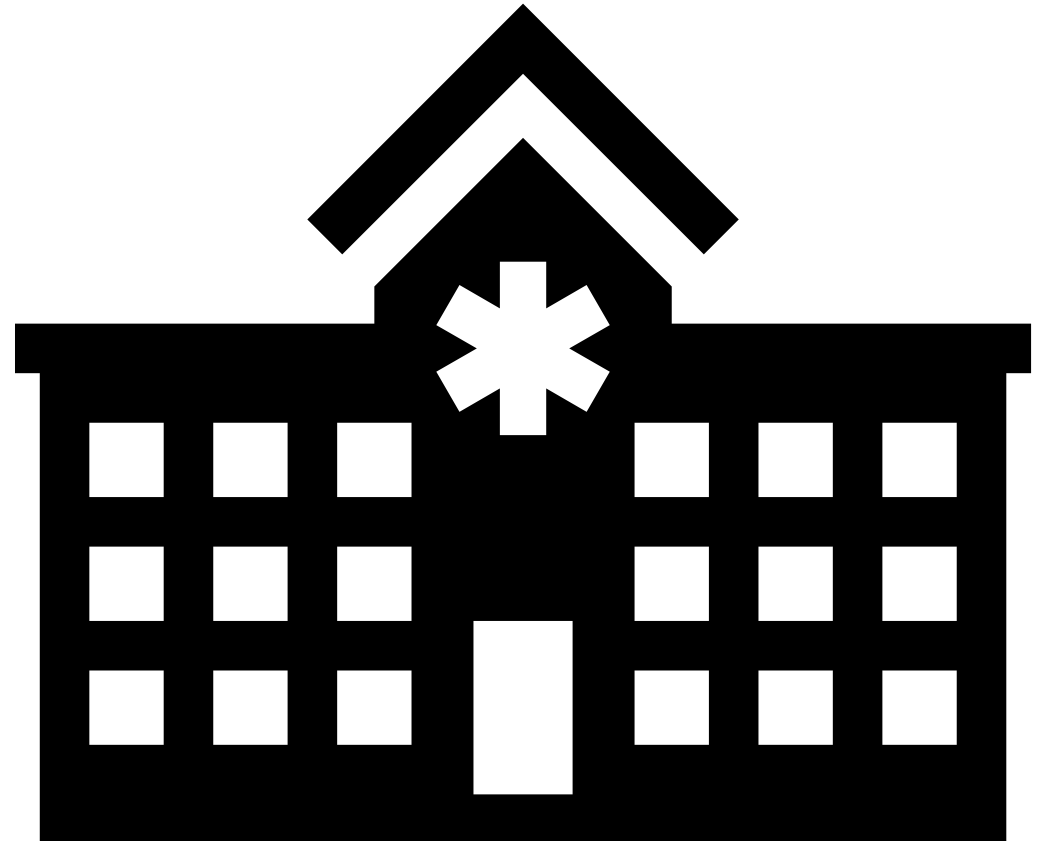


Learnings

- Joint Planning with Security & Infrastructure specialists drives results
- Immutable storage is a must
- Staying current on software pays off
- Be proactive and understand where sensitive data is located

Cancer Research Hospital: Credential Theft

- Update your critical software
- Simplify cyber recovery through standard architectures
- Test, test, & test recovery
- Be proactive and understand where sensitive data is located



Cyber Recovery UI

Simplified Interface with Best-Practice Orchestration

- Anomaly Detection
- Automated Malware Scans
- Vulnerability Scans
- Sensitive Data Identification and Classification
- API Integration with Security Operations Partner Tools





VERITAS

AUTONOMOUS DATA MANAGEMENT

76%

Lower TCO

- Protect all your data wherever it resides
- Auto-discovery of new workloads
- Automated storage lifecycle policies
- Rapid, automated recovery at scale



Data Protection

6X

of Workloads Supported

- Zero-trust architecture
- Secure by design & by default
- Isolated recovery environments with immutable storage
- Real-time anomaly and malware detection



Data Security

80%

Reduction in false-positives

- Data discovery, mapping and classification
- Data collection & retention from dozens of sources
- Surveillance and Discovery
- File access pattern anomaly detection



Data Governance

THANK YOU