

Symmetry DataGuard

Symmetry DataGuard is engineered specifically to address the data security challenges facing modern organizations.

As the industry's most comprehensive platform for discovering, classifying, governing, and protecting sensitive data wherever it lives, Symmetry provides near-real-time, continuous, 360-degree visibility into data context, identity permissions, and data flows, so organizations can innovate with confidence while maintaining robust data governance.



Gartner
COOL
VENDOR
2022

Born from award-winning DARPA-funded research at UT Austin, Symmetry pioneered the Data Security Posture Management category. Symmetry was the first vendor recognized in the DSPM space in this report.

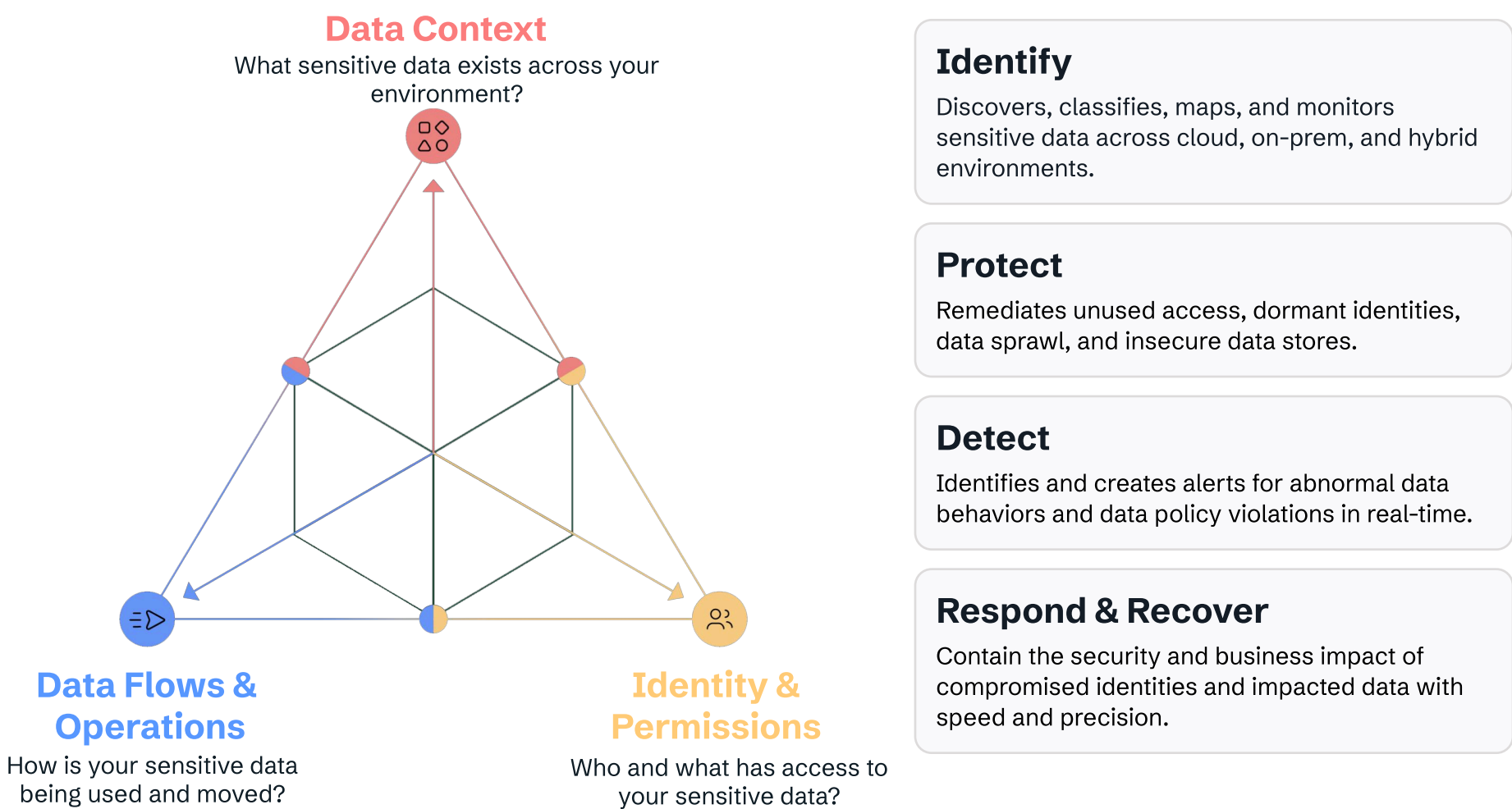
What We Do

Symmetry DataGuard provides identity-centric visibility and control over enterprise data - understanding which users, services, and applications can access sensitive data, while monitoring data flows across cloud, SaaS, and on-premise environments. DataGuard continuously discovers, classifies, and governs sensitive data, eliminating excessive permissions and reducing both the attack surface and blast radius

Comprehensive Data Security

Symmetry DataGuard is the only platform that provides near-real-time, continuous, 360-degree visibility into data context, identity permissions, and data flows — the three pillars required to secure and govern enterprise data, continuously, at cloud speed and at enterprise scale.

Other DSPM's focus on only data classification, OR only cloud infrastructure level data security. Symmetry unifies these domains to become the first holistic Data Security Posture Management platform built for enterprise-scale cloud adoption.



The Business Challenges We Solve

DATA VISIBILITY

Know what sensitive data exists across your entire environment, where it lives, who can access it, and how it's being used.

REGULATORY COMPLIANCE

Continuously demonstrate compliance with GDPR, HIPAA, CCPA, and other regulatory requirements with audit-ready documentation and reporting.

RISK REDUCTION

Eliminate over-privileged access, dormant identities, and insecure data stores before they become breaches.

COST OPTIMIZATION





Reduce storage costs and cloud spend by identifying and eliminating redundant, obsolete, and trivial data across your estate.

Our Industry-Leading Data Visualizations and Interface


Our industry-leading Data Access Graph provides an interactive visualization of and interface into your organization's complete data security posture, mapping all relationships between identities, data stores, permissions, and operations. This Google Maps-like interface enables security teams to navigate complex data relationships and quickly identify potential security risks. This visualization and interface provides an insight into the backbone of our product, which leverages Deep Graph Analysis to combine the unique insight offered by the correlation of data classification, identity permissions and data operations and flows.

Visual Elements

IDENTITY NODES

-  **Users** - represents individual human accounts with direct system access
-  **Services** - Represents services that programmatically access data
-  **Roles** - Represents predefined sets of permissions that can be assigned to or assumed by users or services
-  **Groups** - Represents collections of users and/or services to provision common access patterns

DATA NODES

-  **Data Stores** - Represents databases, file systems, and cloud storage

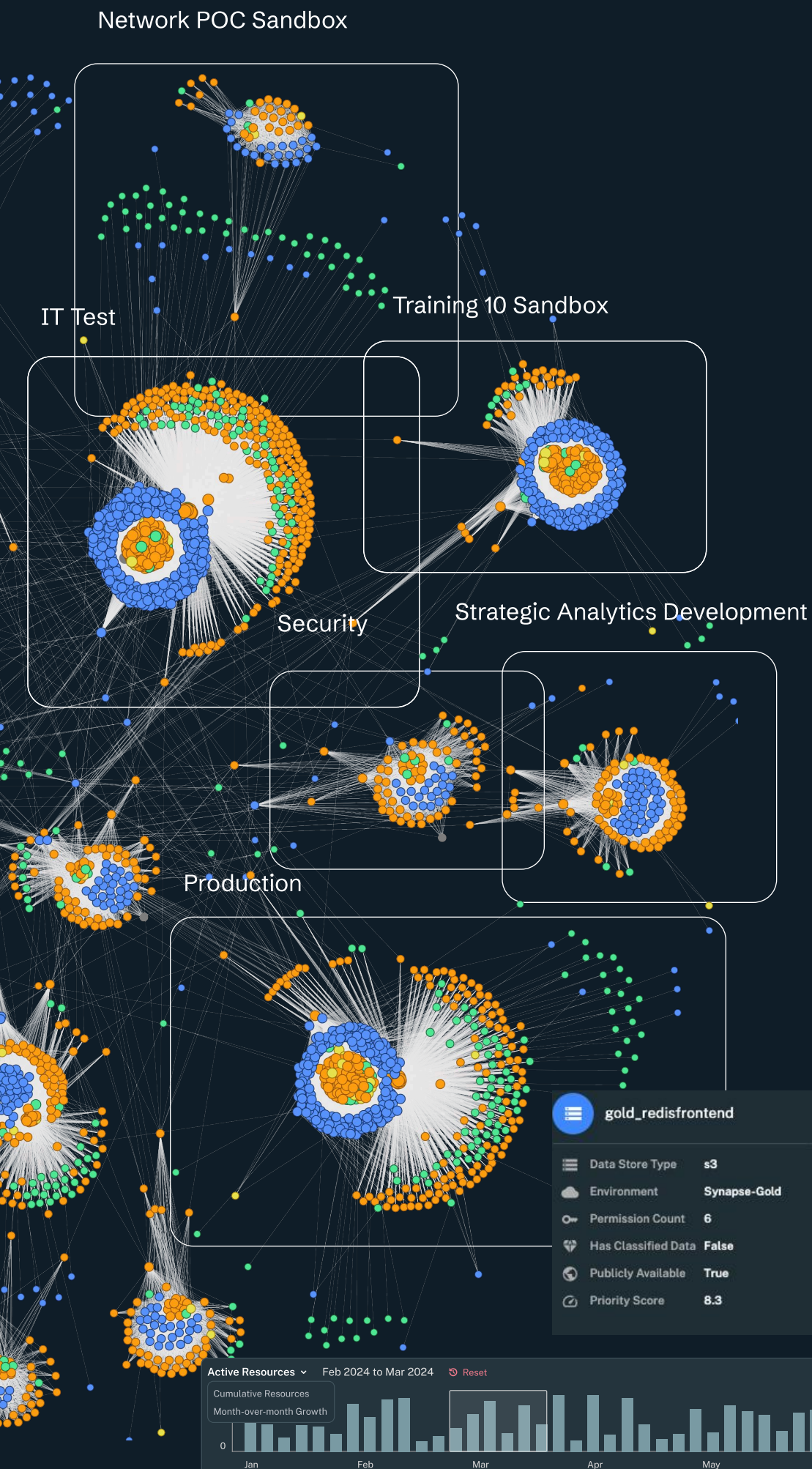
FLOWS

- Permissions** - Represents configured access paths between identities and data stores
- Operations** - Represents actual operations and data flows observed in the environment



More than a pretty picture

Symmetry's Data Access Graph delivers a highly interactive experience. Users can freely zoom and pan through their data environment, using filtering to quickly locate specific identities or data stores. The interface automatically adjusts detail levels based on zoom, ensuring optimal performance even in large environments. When investigating potential security issues, users can select any node to highlight its connections and blast radius, revealing the full scope of data access and potential security impacts.



Interactive Features

LABELS AND BOUNDARIES

Overlay cloud accounts and regions to identify clusters with visual boundaries, aiding quick identification of logical groupings.

FILTERS

Dynamic filters enable users to refine the graph by attributes such as sensitivity, access level, risk score, or data store type, streamlining targeted investigations

INDIVIDUAL & MULTI NODE SELECT & DRILL DOWN

Select individual nodes to view detailed metadata or multi-select to analyze shared access patterns, permissions, and blast radii.

PRIORITY SCORE OVERLAYS

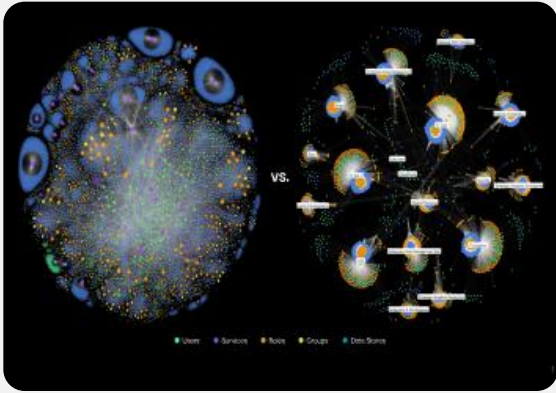
Overlay visual indicators on nodes to display priority scores for identities and data stores, allowing prioritization of remediation efforts.

TIME PERIOD SELECTION

Navigate historical views of access patterns or operations by selecting specific timeframes, enabling trend analysis and forensic insights.

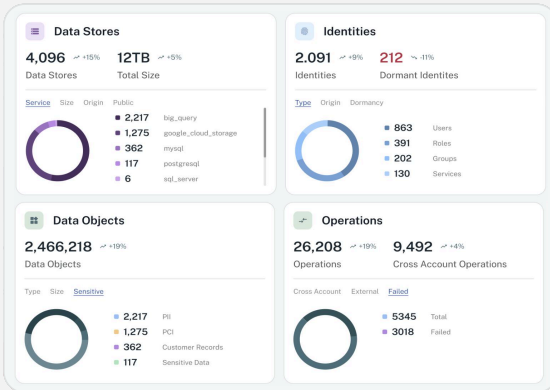


Delivering Real Outcomes For Real Problems



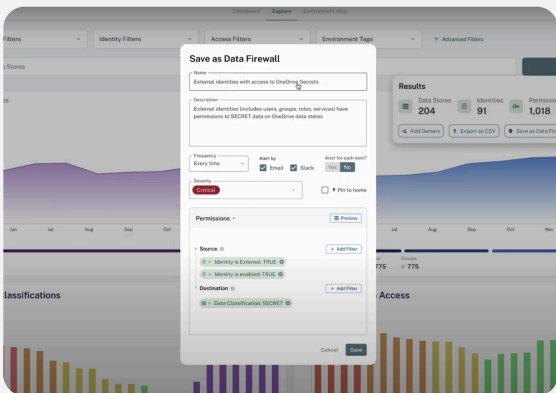
ILLUMINATING SHADOW DATA ASSETS

A Fortune 500 pharmaceutical giant, during a zero trust assessment, deployed Symmetry to evaluate its ability to enforce zero trust for data. Symmetry revealed that 30% of the AWS cloud accounts with connection to the core data environment were unknown, posing significant security risks. The platform pinpointed the identities and datastores with cross account permissions and operations to and from these accounts.



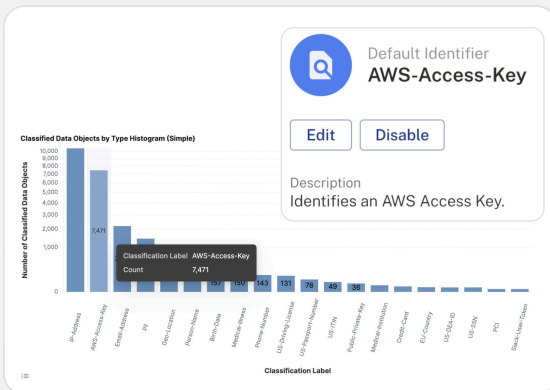
SAFE DELETION OF DORMANT DATA, IDENTITIES & ENVIRONMENTS

A major Fortune 1000 manufacturer faced challenges with the volume and complexity of data they had spread across AWS, Azure, GCP, and corporate SaaS storage. The org's CISO suspected they were maintaining vast amounts of redundant and obsolete data, but lacked evidence to reduce it without business impact. Symmetry provide that evidence to confidently delete 20% of unused dormant identities (human + non-human), remove 25% of redundant or obsolete data, and decommission 20% of unused cloud environments.



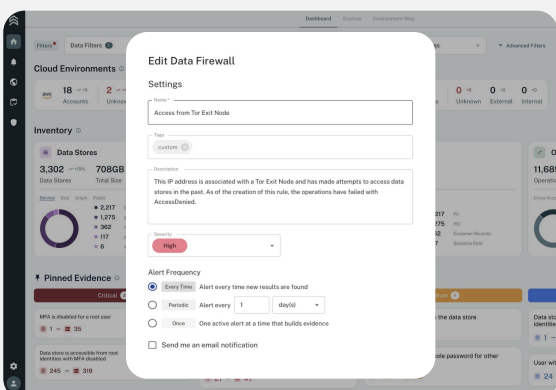
SAFEGUARDING SENSITIVE DATA BEFORE AND AFTER M&A

A leading healthcare technology vendor faced significant data security issues following an acquisition. When merging OneDrive and SharePoint tenants, their initial automation approach inadvertently made a large volume of data globally accessible to all employees of the acquiring company. Using Symmetry, they were able to immediately identify the migrated Sharepoint and OneDrive's Sites and Libraries that were globally accessible, and then prioritize classification of the data objects within them.



DISCOVERY AND REMEDIATION OF EXPOSED SECRETS

A government agency responsible for their nation's space exploration and research understands the national security importance of their data. During Symmetry's first successful deployment of its industry-leading Data Security Posture Management (DSPM) solution in a completely air-gapped environment, it discovered multiple instances of AWS keys and other public/private key pairs exposed on public data stores. The agency was alerted to promptly revoke and rotate all compromised credentials and secrets.











DETECTING ATTACKER RECONNAISSANCE



A global manufacturing company specializing in scientific equipment during a zero trust assessment, deployed Symmetry to evaluate its ability to enforce zero trust for data, particularly its Intellectual property. In addition to the broader assessment, Symmetry detected Tor exit nodes originating from aggressive foreign countries performing reconnaissance against the organization's backup environments.

Our Customers

Symmetry DataGuard serves organizations where data security is mission-critical. When asked, we respect their privacy and security by not disclosing names. They've chosen Symmetry DataGuard for our unique ability to provide near-real-time, continuous visibility across data context, identity permissions, and data flows — the three pillars essential for safe data governance at enterprise scale.

 <p>Leading biotech company specializing in vaccine production.</p>	 <p>International gov agency responsible for their nation's space exploration and research.</p>	 <p>Global leader in toy manufacturing and children's entertainment.</p>	 <p>Global leader in toy manufacturing and children's entertainment.</p>
 <p>Global data and technology services company specializing in marketing analytics.</p>	 <p>Tech-driven healthcare revenue cycle mgmt. company serving hospitals & health systems.</p>	 <p>Leading provider of cloud-based digital banking solutions for financial institutions.</p>	 <p>And Many More...</p>

What Our Customers Say

 <p>Symmetry safely reduced our cloud assets by 25%... 20% identities, 25% production data, and 20% of environments.</p> <p>Director of SecOps & Compliance Fortune 30 - Manufacturer</p>	 <p>Although it didn't get the internal publicity of Netskope or CrowdStrike, Symmetry is just as important as the roll out of these tools if not bigger.</p> <p>Chief Information Security Officer Leading healthcare technology vendor</p>
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About Symmetry Systems

Symmetry Systems is the Data+AI security company, providing organizations with the industry's only comprehensive Data + AI Security Platform that discovers, classifies, protects, and monitors sensitive data across. Born from award-winning DARPA-funded research at UT Austin, our AI-powered platform delivers comprehensive Data+AI security across all major cloud environments, SaaS applications, on-premise data stores, legacy systems, and air-gapped environments. Our "get everywhere" philosophy continuously expands connector coverage to secure data wherever it lives - in all major cloud environments, SaaS applications, and on-premise data stores-including mainframes, legacy systems and air-gapped environments

By uniquely merging both identity and data context, Symmetry provides what other DSPM vendors cannot: complete visibility where data exposure meets agentic identities. Organizations use our platform to eliminate unnecessary data, remove excessive permissions, accelerate compliance and cloud migration, and reduce attack surfaces - while safely enabling agentic AI systems with the identity-aware data context they require.

Innovate with confidence with Symmetry Systems