Symmetry Systems DataGuard

DataGuard is a **data security posture management (DSPM)** solution that extends the zero trust philosophy to on-premise and hybrid-cloud data stores. DataGuard enables businesses with a single source of truth about their data security posture and associated data risks across AWS, GCP, Azure, and on-premise environments – without having data ever leave the environment.

Modern security teams use Symmetry Systems DataGuard to gain a full understanding of their cloud data stores, data objects, and access permissions. With full on-premise and hybrid-cloud data visibility they can reduce the frequency and impact of data breaches, and meet stringent compliance and privacy regulations.

With DataGuard, cross-functional teams such as security operations, cloud security, compliance, and identity & access management, can enforce least privilege, sustain regulatory compliance, improve their data security posture, and outpace ever-growing data security risks and threats.

Visualize and Secure Data Across Environments

DataGuard arms your teams with a complete understanding of:

- **The sensitivity and location of your data**
- **The identities that have access to your data**
- **Operations performed on your data**

For each data object, DataGuard combines each of these elements to provide unique insights to help you prioritize data security risks and remediate their impact.
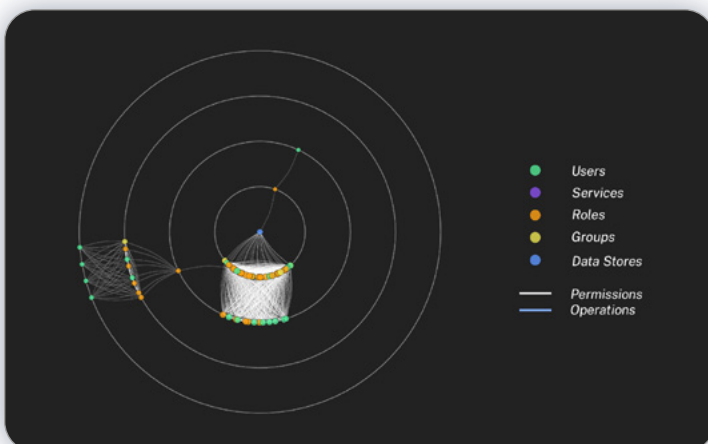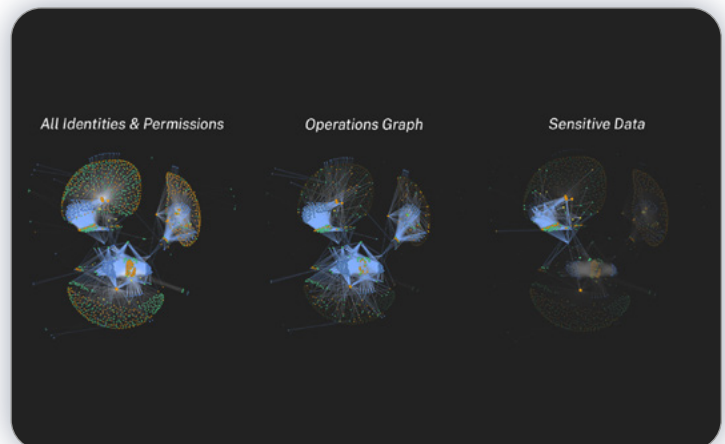
Reduce the Data Blast Radius from Insider Threats, Vendors, and Third-parties

With DataGuard, security teams can stay ahead of threats and reduce the data breach blast radius. DataGuard allows you to:

- **Identify excessive, unused or anomalous data**
- **Determine data access and usage**
- **Enumerate paths to sensitive data**
- **Quantify the data blast radius of accounts**

Use DataGuard to inform and control least privilege IAM permissions, reduce data sprawl and proactively get alerted to anomalous data behaviors.

Manage Compliance and Privacy at the Data Object Level

DataGuard provides you with an end-to-end overview of your data security posture against industry standards and regulations. DataGuard provides:

- **Compliance audit capabilities**
- **Evidence to allow your to prove compliance with regulations**
- **Recommendations to proactively address gaps in compliance at the data object level**

With DataGuard in place, your teams can more easily comply with industry specific regulations at scale.
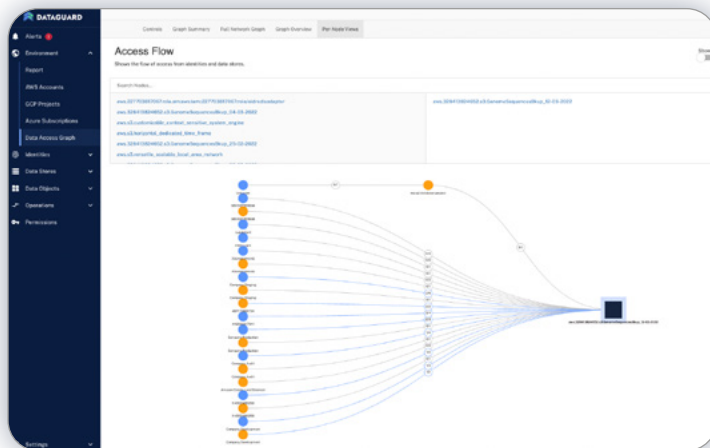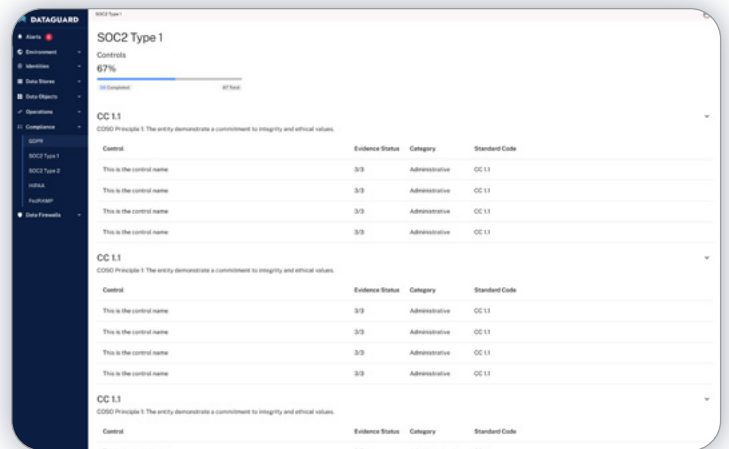
Anomalous Data Behavior Monitoring and Alerting

DataGuard detects current and historic anomalous data access and usage, alerting you in a timely manner with precision. You can use DataGuard to investigate potential data breaches, ransomware attacks, and other cyber threats as quickly as possible.

Leading with Effective Data Breach Investigation and Response

With DataGuard you can quickly understand the blast radius of security incidents and uncover the root cause during investigations. You can then prioritize steps to contain and reduce the blast radius of the data breach.

- **Uncover malicious data access within your environment and learn steps to contain the attack**
- **Collect information on what data threat actors have accessed and obtained, and what can be done to lock down further access**
- **Review data flow maps on how far threat actors moved laterally through your environment to cut down investigation time and further ability to spread**
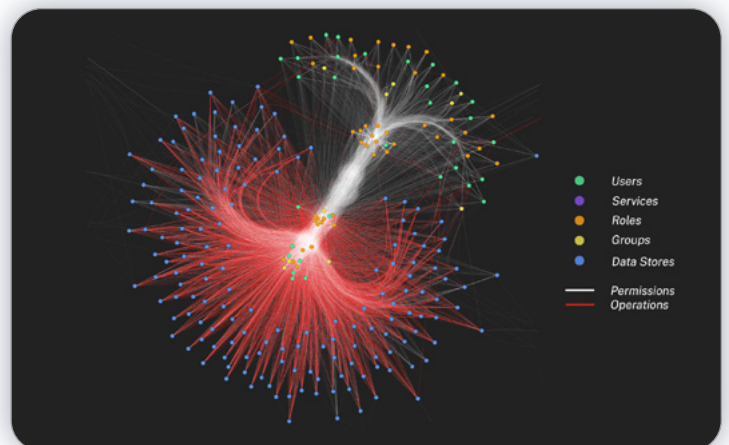
Symmetry Systems DataGuard Benefits

Data Security & Zero Trust

- Visualize all data across cloud environments
- Detect and alert on data leakage or spillage to insecure environments or users
- Unearth and visualize cross account data flows
- Understand data sprawl and data status
- Understand and visualize data risk and security posture
- Proactively manage access rights
- Provide visual evidence for executive leadership of current security posture and data sprawl
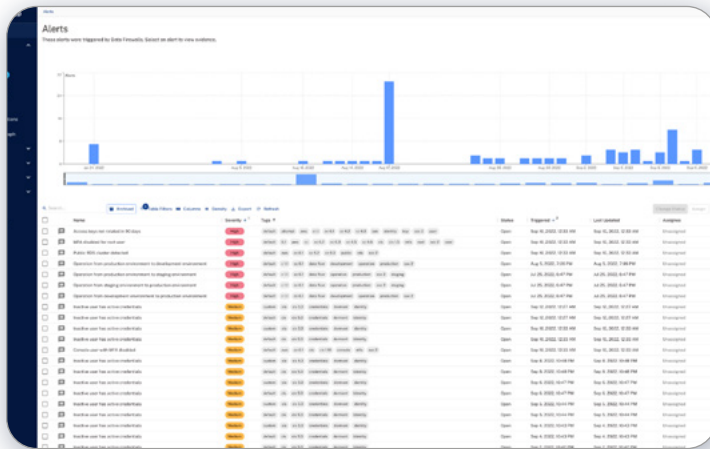

Compliance & Privacy

- Classify all data at the object level
- Enact proper control of internal and external accounts
- Achieve data store compliance per geographic or cloud location
- Act on visual insights into "out of country" data operations and achieve regulatory compliance
- Build processes to find and lock down permissions for over privileged users and vendors
- Provide visual evidence of employee and vendor permission life-cycle

Proactive Data Focused Detection Response

- Detect and alert on anomalous user and data behavior
- Address the insider threat by reviewing customer data access and operations logs
- Act on data blast radius during security incident investigations
- Discover data objects and operations
- Understand databases, access identities and their permissions
- Continuously inspect and visualize security drift during and after security investigations
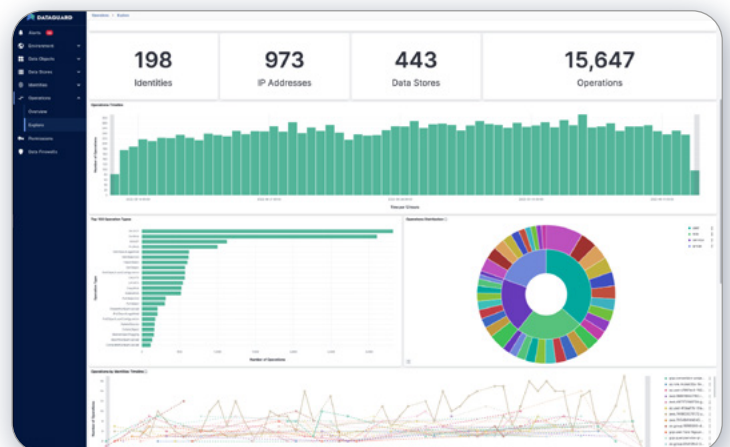
DataGuard Outcomes

Identify

- Identify data stores, data objects, data flows and data operations, and identities and roles across your hybrid cloud and on-premise environment.
- Discover sensitive data, even where you didn't know you had it.
- Understand who has access to which sensitive data in your on-premise and multi-cloud data stores.

Protect

- Identify and lock down excessive and dormant access permissions and privileges to your data.
- Minimize the cost and risk of data exposure by reducing access to dormant data.
- Improve the security posture of your sensitive data and cloud data stores.
- Evaluate and harden controls around your most valuable asset, your data, with continuous compliance check.

Detect

- Identify and investigate anomalous behavior based on granular data operations.
- Quickly identify violations of least privilege for data access to simplify zero trust strategies.
- Detect and control out of country data operations and maintain compliance with privacy regulations.
- Provide executive visibility to cloud data sprawl, identity life-cycle, zero-trust violations and sensitive data access.

Respond & Recover

- Understand the data blast radius of compromised identities and other insider threats.
- Contain the impact of compromised identities with precision.
- Minimize the cost and risk of data exposure associated with cloud data stores.
- Reduce time to detect and remediate data security issues to minimize data breach cost.

Ready to secure your mission-critical data with precision and scale?

Stop chasing threats at your perimeter.
Know your data security posture and protect your sensitive data.

For more information, visit us at www.symmetry-systems.com