Q1 2025 Platform Updates

What's New!

The Q1 2025 release brings a wave of impactful enhancements across the LightBeam platform—supercharging how organizations secure, govern, and remediate data security, privacy and governance risks.

- Risk Scores for Sensitive Files
- Access Governance for All Files
- Automated Access Revocation on Policy Violation
- LightBeam Lens for Quick Data Insights
- Enforcing Policies Based on File Types
- Context-Aware Redaction
- DSR Self-Service & Automation
- Native Consent Management
- Location-Based Cookie Consent Banner
- ...and many more!

These innovations continue to reinforce our mission—helping organizations see, secure, and streamline sensitive data.

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Risk Scores: Quantify, Prioritize, and Remediate the Highest Risk Items Across Your Data Landscape

Data Security

LightBeam introduces a dynamic Risk Score framework that empowers customers to objectively assess the security risk of files and data sources (applications). By analyzing the presence and volume of sensitive data attributes (data elements), LightBeam generates a unified score that reflects the real-world risk posture of each asset. This eliminates the need for manual analysis and fragmented insights, giving security and compliance teams a clear, actionable metric to prioritize efforts, track evolving risks, and benchmark applications against their data security goals.

Automated Access Revocation for Sensitive Files

Data Governance

Autonomously Remove Access to Risky Files with Policy Automation
Wondering if you have highly sensitive files openly accessible to the internet? Or if one got exposed to the world without your knowledge? LightBeam's policy engine now supports full automation of access revocation workflows. When a policy condition is met—such as Open or excessive access, access can be revoked automatically, with audit logging and notifications. This reduces manual intervention and ensures consistent enforcement of access governance.

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Access Governance For All Files

Data Governance

Extended Access Governance capabilities to include all files, not just those flagged as sensitive. This critical enhancement allows organizations to track, analyze, and manage access to every file across their environment—whether it's a public document, a shared spreadsheet, or an internal technical spec. With unified visibility and control across all content, customers can identify open or excessive access patterns and reduce exposure risks.

LightBeam Lens for Quick Data Insights

Data Governance

Analyze data quickly from multiple perspectives including file creation and modification dates, file size, location/folder paths, and data types. With Lens, customers can analyze risks hiding within their file repositories, and implement data retention/archival policies to reduce their risk radius. Lens helps you surface hotspots, track trends, and prioritize actions with precision, driving faster time-to-value and stronger data governance.

Enforce Policies Based on File Types

Data Governance

Granular Controls Tailored to Specific File Formats

Want to ensure source code files are not getting shared externally? Wondering how much storage is being consumed by temp files, video files and image files? Use LightBeam policies to enforce sharing, retention, and detection policies based on file types such as .pyc, .tmp, .pdf, .mov or any custom format. Organizations can now mitigate risks with speed and precision while saving on storage costs.

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Granular Redaction Control

Data Security

LightBeam now supports fine-grained redaction controls, enabling you to define specific redaction styles at the file level for pdf and image files. This enhancement allows for precise, context-aware remediation that aligns with your unique business policies and privacy requirements. Redacted files can be easily downloaded and securely shared with internal teams or external partners—ensuring sensitive information stays protected while maintaining business continuity.

Custom Data Identity Graphs

Data Security

Create Entities With a Simple CSV File Import

Ingest PII records—such as employees, customers, or contractors—directly from CSV files into your LightBeam application. Once an identity graph is created, all information about such identities is immediately collated with 99% accuracy across all your connected applications. Use the data identity graphs to automate data subject request fulfillment, and enforce identity centric data security policies across your entire organization.

Policy Enforcement on SMB File Shares/Folders

Data Governance

Protect Legacy File Systems with Modern Policy Controls

Create policies at a folder level granularity for SMB (Server Message Block) file shares. With this capability, customers can apply consistent security, governance controls, and lifecycle actions on data residing in legacy environments, bridging the gap between traditional IT and modern security practices.

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Salesforce Marketing Cloud Integration

Data Security

Extend Visibility and Compliance to Your Marketing Data

LightBeam now integrates with Salesforce Marketing Cloud, offering deep discovery, cataloging and protection of sensitive data stored in Data Extensions. This ensures that marketing teams' data collection and processing remains compliant with privacy policies, avoids unintentional data exposure, and gives full transparency into high-volume communication platforms.

Direct Object Viewer Links in File Reports

Ease of Usage

CSV reports include clickable Object Viewer links for every listed file, allowing customers to instantly investigate sensitive content without needing to search manually. This streamlines incident response, speeds up triage, and improves the operational efficiency of privacy and security teams.

Attribute-Level Navigation in Large Files

Ease of Usage

The Object Viewer supports intelligent navigation to locate specific sensitive attributes within large files. This dramatically improves usability when investigating high-volume or high-density documents, enabling teams to pinpoint and review critical data in seconds instead of minutes.

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Native Consent Management with PostgreSQL

Data Privacy

Capture and Manage User Preference in Structured Data

Save on compliance cost by simply using your PostgreSQL system to capture customer consent. LightBeam's lightweight consent management platform powers organizations to link individual user preferences with collected data in real time without expensive licensing costs for dedicated consent platforms.

Self-Service DSR Management for DPOs

Data Privacy

Empower DPOs to Manage Data Subject Requests with Full Control

LightBeam's enhanced self-service Data Subject Request (DSR) Management empowers Data Protection Officers (DPOs) to manage the entire lifecycle of DSRs independently—without needing to manually assign or create tickets for other owners or team members. This streamlined experience accelerates request processing, simplifies report generation, and ensures faster resolution. By automating end-to-end request handling, organizations can significantly reduce the operational cost of privacy compliance while maintaining full oversight and control.

Location-Based Cookie Consent Banner

Data Privacy

Dynamically customize your Cookie Consent Banners based on the visitors' locations. For e.g., show GDPR-required banners to EU residents, while simplifying banners for US-based visitors. This geo-aware experience ensures legal compliance and enhances the user journey—all while reducing internal handling time.

Appendix: Q4 CY2024 Enhancements

Expanded Sensitive Data Protection with Support for Four New Enterprise Applications

Comprehensive Data Security

LightBeam extends its sensitive data protection capabilities to four additional data sources:

- **Google Cloud Storage:** Reduced risk radius on the cloud with comprehensive sensitive data discovery and protection in Google Cloud Storage
- **Databricks:** Enhanced centralized data visibility, security and governance with automated sensitive data discovery and protection for the **Unity** Catalog in your Databricks warehouses
- **Confluence:** Automatically unearth and protect all your sensitive data lurking within Confluence pages
- **SAP HANA:** Seamless detection and protection of sensitive data stored in your SAP HANA databases.

Custom Attribute Detection

Comprehensive Data Security **Data Governance** **AI/ML**

Data protection should be as unique as the data it safeguards. LightBeam now offers custom attribute (data element) creation and detection, allowing you to define specific attributes which are automatically detected across objects in all your data sources. In addition to detection, these attributes can be used across policies, providing maximum flexibility to identify and address high-impact issues, unique to your data environment, with precision.

Appendix: Q4 CY2024 Enhancements

Advanced Policy Parameters for Retention Policies

Lifecycle Management **AI/ML** **Playbooks**

Customers can now implement retention policies based on dates within their documents. This powerful new capability allows customers to define policies based on parameters such as contract dates, sales dates, start dates, and end dates, which are automatically extracted from their documents and validated against their policy criteria.

Improved Reporting

Reporting **Ease of Usage**

- Object Insights Report:
  - A CSV report can be generated for each data source (application), providing details such as the Object Name, Location, Owner, Creation Date, a list of sensitive attributes (data elements), and their frequency of occurrence.
- Bulk download of reports is available for the following report types under the PrivacyOps module:
  - Privacy Assessments
  - ROPA (Records of Processing Activities)
  - Data Subject Requests Reports

Out of the Box Labels

Data Governance

Categorize your sensitive documents using predefined labels for PCI, PHI and PII data in your labelling policies. You can also customize this definition with options to specify attributes and/or classification type.

Appendix: Q4 CY2024 Enhancements

Future Proof Scanning with “Scan All” for Databases

Comprehensive Data Security **Ease of Use**

With the “Scan all” option when onboarding structured data sources, all current and new databases are automatically scanned by LightBeam, ensuring zero blind spots and 100% discovery coverage today and every day thereafter.

Automated Data Subject Request Management

Data Privacy **Ease of Use**

Streamline your Data Subject Requests (DSRs) with full end-to-end automation. Define tailored workflows for each request type, with the option to specify any necessary manual steps. This powerful functionality enables you to manage DSRs seamlessly from request submission to data validation and report sharing, all without manual intervention.

Targeted Enhanced Settings for Data Subject Requests Management

Data Privacy **Ease of Use**

Easily manage Data Subject Requests by setting default assignees for each request type (e.g., Access, Erasure). You can also configure specific data sources that are likely to contain subjects’ data enabling more targeted detection and automated closure of requests.

Appendix: Q4 CY2024 Enhancements

Comprehensive Search and Filters for your Data Subject Requests

Data Privacy **Ease of Use**

Quickly find specific requests using new and advanced search and filter options, including Due Date, Date Created, Request ID, Data Subject Name, Data Subject Email ID, and Assignee.

Dynamic Data Subject Request Forms

Data Privacy **Ease of Use**

Tailor your Data Subject Request forms with options to enable, disable, hide, or show specific questions based on previous responses. With this capability, you can customize the form for every data subject based on location, request type, or any other criteria.

Advanced Sub-Domain Detection for Cookie Scanning

Data Privacy **Cookie Consent**

Automatically detect sub-domains for cookie scanning with advanced options to include or exclude specific pages, paths, and sub-domains based on your requirements.

Appendix: Q4 CY2024 Enhancements

Greater Precision and Reliability for Cookie Consent Management

Data Privacy **Cookie Consent**

View and resolve discrepancies in cookie categorization for more accurate and reliable cookie consent management. Additionally, store and load the script for your cookie banner and preference center from your own AWS S3 location, ensuring complete control and zero downtime.

Previews for more File Types

Comprehensive Data Security **Ease of Use**

Easily review sensitive files directly within the LightBeam UI with expanded support for previewing .xlsx, .doc, .csv, .txt, and .log files.