CipherCloud®

CASB+ DLP At a Glance

- Agentless deployment for optimized performance
- Covers both historical and real-time data sets
- Pre-defined and customizable policy templates
- Advanced data detection including OCR
- API, Proxy, and Email inspection modes
- Context-aware policy enforcement: upload, download, share, collaborate

Customers

- From large to small enterprise
- Across every region and geography
- Significant concentration in North America and EU
- Representing nearly every vertical including:

  - Banking and Financial Services
  - Healthcare and Pharmaceutical
  - Manufacturing
  - Energy
  - Technology
  - Telecommunications
  - Education
  - Government

CipherCloud CASB+ Data Loss Prevention

DLP Overview

CipherCloud CASB+ delivers Data Loss Prevention (DLP) that enables organizations to apply consistent data security policies and controls across all of their cloud applications - ensuring the protection of sensitive information across every key use case.

As organizations seek to utilize the broadest range of cloud capabilities to increase business agility - from email and collaboration, to applications infrastructure, and beyond - the requirement for dedicated cloud DLP has intensified. With the need to enforce stringent data protection, without preventing important business operations, practitioners are challenged to enlist centralized, efficient multi-SaaS capabilities. Only CipherCloud CASB+ allows today's organizations to remain confident that every information security and compliance consideration is being met while allowing for open, optimized cloud data interaction.

Framing the CASB Approach to DLP

Cloud data security requirements continue to mature rapidly, driven by factors including the inherent operational benefits of cloud infrastructure and dramatic remote workforce expansion. While most cloud applications offer onboard security controls, practitioners require dedicated DLP capabilities that deliver advanced protection in an orchestrated fashion - supporting complex use cases across multiple platforms. Put simply, organizations require an integrated CASB and DLP platform that mirrors the sophistication of traditional on-premise tooling.

To address every data security requirement for both commercial and private cloud applications, CipherCloud CASB+ delivers integrated
Data Loss Prevention that enables organizations to centrally manage critical requirements including:

- **Classification:** to detect and catalogue sensitive information wherever it lives
- **Visualization:** into every manner of data access, user/device context and handling
- **Policy Management:** providing consistent cross-apps protection and compliance
- **Data Scanning:** covering all structured and unstructured data compositions
- **Integration:** extending on-prem DLP practices and policies to the cloud

By seamlessly translating enterprise data protection requirements to the cloud, CipherCloud CASB+ optimizes DLP implementation - reducing management costs while ensuring that business requirements are achieved securely and efficiently.

CipherCloud CASB+ DLP is recognized by experts including Gartner as an industry-leading set of capabilities, based on its unique ability to provide advanced data matching, document fingerprinting and analysis of both structured and unstructured data. Purpose-built to detect both historical information and real-time data in motion, CASB+ DLP offers practitioners the full breadth of integrated features needed to address every critical challenge. .

CipherCloud CASB+ Architecture Diagram

Key CipherCloud CASB+ DLP differentiators include:

1. Agentless design for rapid deployment and efficient operation
2. Dedicated coverage for every popular cloud app and private app
3. Centralized analysis across diverse, multi-cloud environments
4. Exact data matching and optical character recognition (OCR)
5. SaaS-native data masking and encryption capabilities

CipherCloud CASB+ DLP Solutions Features

▶ ## Adaptive DLP Policies

CipherCloud CASB+ offers centralized DLP policy management and enforcement across every platform and application. Apply out-of-box policies to identify and classify data across most applications on Office 365, Slack, G Suite, Box, Salesforce, AWS and many more, along with customizable policy templates for both commercial and private applications. Dedicated standards compliance policies cover GDPR, PCI, SOX, HIPAA, and many more.

▶ ## Multi-Mode Data Inspection

Inspect data in any mode - API, Proxy or Email - to ensure full visibility into every applicable data set and use case, from detecting unseen historical data to protecting advanced scenarios such as cloud collaboration, including interaction with external partners. Monitor handling across every use case including access and utilization of sensitive information from both managed and unmanaged devices to account for the expanded remote workforce.

▶ ## Extensive range of DLP actions

CipherCloud CASB+ DLP offers a wide range of options to secure the data in the cloud that goes beyond the basic allow/deny capabilities offered by other DLP solutions. With CASB+ DLP, users can control real-time collaboration, remove open shares, enable step-up authentication, apply data classification labels, encrypt files to protect data during downloads, set up user coaching, among other capabilities.

▶ ## Data Matching and OCR

Identify, classify and protect sensitive data in every format and application, across email, collaboration and every other scenario via exact data matching and fingerprinting. CASB+ DLP Optical Character Recognition (OCR) enables the detection of image files to prevent screen capture sharing and other unsanctioned handling, delivering the industry's most inclusive approach to cloud DLP enforcement.

▶ ## Integrated Data Classification

CipherCloud CASB+ DLP extends data classification and governance to any document in any cloud, integrating with Microsoft's Azure Information Protection (AIP) and TITUS Classification. Using the CASB+ policy engine, sensitive information is consistently identified and protected, including both structured and unstructured data. CASB+ provides full visibility into and protection across multiple apps, users and devices - securing intellectual property and other protected information from unintended data exposure.

▶ ## Native Rights Management

Encrypt, mask or remote-wipe sensitive data based on advanced policy enforcement as it is moved across workflows, applications and even unmanaged devices - ensuring that information does not move outside authorized parameters. Prevent inappropriate downloads, overly permissive sharing with external partners and employee mistakes in handling your organizations most sensitive information.

▶ ## Centralized DLP Management

Integrate and extend every form of traditional on-premise DLP across storage, email and other platforms via fully supported API integration with every popular solution and vendor. Mirror and advance policies into the cloud environment to enable a consistent, orchestrated DLP strategy with unified policy analysis and enforcement. CipherCloud CASB+ seamlessly integrates with external DLP engines, such as Symantec, offering organizations the flexibility to scan data through native DLP, external DLP, or augment data protection using a multi-level scan, where the data is pre-scanned through native DLP and a final scan is performed by external DLP engine.

Customer Case Study

Profile:
Large North American Financial Services Provider

Challenges:
- Support for multi-cloud environment Box, ServiceNow, and others
- Over 100,000 end users
- Maintain internal data controls
- Numerous compliance regs

CASB+ DLP Benefits:
- Rapid deployment for all users
- API-based DLP monitoring
- Segmented data enforcement
- Integrated compliance validation
- Efficient cloud expansion

" CipherCloud made it possible to secure our existing Box use cases and meet strict policy compliance requirements, all while expanding to Office 365 and ServiceNow. "

For more information on CipherCloud CASB+ DLP visit:
https://www.ciphercloud.com/cloud-data-loss-prevention/

Awards

About CipherCloud

CipherCloud, a leader in cloud security, provides an award-winning cloud security platform delivering powerful end-to-end protection for data resident in the cloud, threat prevention, visibility, and compliance for enterprises to adopt cloud with confidence. Uniquely, CipherCloud provides the deepest levels of data protection in real time to provide an immediate solution for challenging cloud security and compliance requirements. The world's largest global enterprises and government institutions in over 25 countries protect and secure their cloud information with CipherCloud.

CipherCloud

Headquarters

📍 CipherCloud
4353 North 1st Street,
Suite 100, San Jose CA 95 134,
USA

📱 +1 855-5CIPHER
(+1 855-524-7437)

✉ info@ciphercloud.com