**CloudLock**
Cloud Security Fabric

**At a Glance:** CloudLock for Office 365 is a cybersecurity-as-a-service CASB solution that protects Microsoft Office 365 environments from compromised accounts and data breaches. It also enables compliance while streamlining SecOps and forensics in the event of a security incident.

## Key Benefits

- Discover and protect sensitive information in Office 365

- Enforce regulatory and security compliance

- Strengthen security for cloud applications and platforms

- Enhance security while having zero impact on end users

## Key Features

- User behavior analytics

- Cloud DLP

- Standardized forensics view across platforms

- Geolocation visualization

- API for SIEM integrations

## Business Challenges

Organizations of all types are increasingly using Microsoft Office 365 to create and share sensitive information both internally and externally. While the infrastructure supporting Office 365 is highly secure, securing user activities remains the responsibility of the organization using the service. Businesses using Office 365 are challenged with:

1. Preventing leakage of sensitive data

2. Ensuring internal and regulatory compliance with data security requirements and best practices

3. Understanding the sensitive data residing in Office 365, including who has access to it, where it resides, and when it was created

4. Adding supplemental security to Office 365 without impacting the end-user experience

5. Automating security procedures and protection

6. Integrating security incidents into company IT Service Management (ITSM) for cross-organisational visibility

## Solution Overview

The CloudLock Security Fabric offers advanced protection from compromised accounts and data breaches, risk and compliance management, and SecOps and forensics to protect the most critical Office 365 environments. Using a cloud-native, API-based architecture, CloudLock deploys in minutes and delivers immediate risk reduction without interfering with Office 365's end-user experience or requiring any hardware, gateways or proxy configurations.

CloudLock can enable organizations to reduce risk for their Office 365 environments and meet compliance requirements, including with standards and regulations such as PCI DSS, HIPAA, HITECH, SOX, CIPA, FISMA, and FERPA.

# Use Cases

## Compromised Accounts

### Analyze User Behavior

- Detect violations of whitelisted country access policies.
- Add geolocation visualizations to user activities and incidents.
- Detect suspicious login events, including two-factor authentication failures, disabled account login failures, and impersonation events.

## Data Breaches

### Detect, classify, and control sensitive data

- Continuously monitor attachments and files in real-time.
- Leverage rich policy templates (e.g., HIPAA, PCI, PII, regular expressions, IP, text) to safeguard critical assets.
- Identify excessively exposed, proprietary sensitive information within Office 365, such as intellectual property or confidential financial information, through customizable policies.
- Quarantine excessively exposed sensitive information through automated policy-driven response actions.
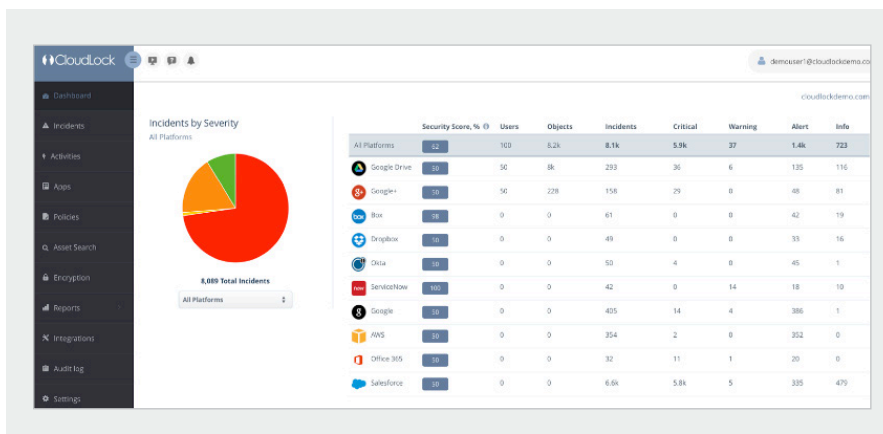
## Compliance

### Protect information and manage audit reports

- Leverage pre-built policies to detect credit card numbers (for PCI compliance), protected health information (for HIPAA compliance), and personally-identifiable information (PII).
- Provide audit reports on user activities, security incidents, and administrator actions.

## SecOps & Forensics

### Manage Incidents

- Centrally manage, investigate and take action on incidents across your entire public cloud portfolio.
- Gain real-time insight into the health of your public cloud environment in one unified dashboard with security analytics.
- Track user access of privileged user modifications and change permission history and leverage location aware auditing to monitor suspicious behavior.
- Record an immutable audit log of all actions performed as evidence for regulatory compliance and internal policies.

### About CloudLock

CloudLock is the cloud-native CASB and Cloud Cybersecurity Platform that helps organizations securely leverage cloud apps they buy and build. CloudLock is installed in minutes in any organization and supports any app on IaaS, PaaS, and IDaaS, without requiring any code, and without any change to app configurations and the user experience. Founded by Israeli Elite CyberSec Military Intelligence experts, the company delivers actionable cybersecurity intelligence through its data scientist-led CyberLab, advanced machine learning and crowd-sourced security analytics across billions of data points daily. CloudLock has been recognized by Inc. Magazine as the fastest growing security product company in the U.S. and by Glassdoor as one of the best places to work for in the country. Learn more at cloudlock.com.