# The CASB & Cloud Cybersecurity Platform
Secure your Users, Data, and Apps in the Cloud

Cisco Cloudlock is the **cloud-native** Cloud Access Security Broker (CASB) that helps accelerate use of the cloud. Cisco Cloudlock secures **your cloud users, data, and apps**, combating account compromises, data breaches, and cloud app ecosystem risks, while facilitating compliance through a simple, open, and automated API-driven approach.
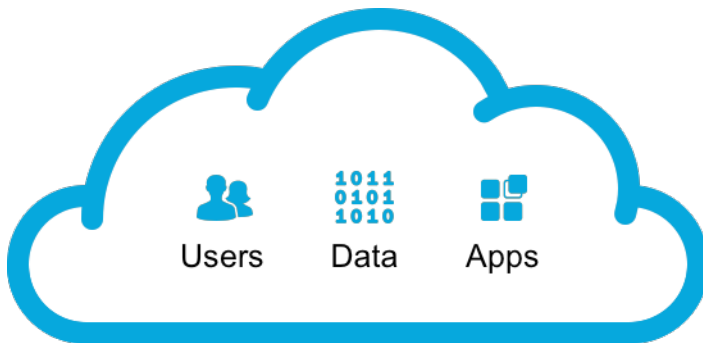
How Cisco Cloudlock Helps

· Accelerates cloud app adoption

· Secures cloud users, data, and apps

· Enables compliance

Problems We Solve

Security, DevOps, and business leaders need to enable secure use of the cloud in order to improve collaboration and productivity, reduce costs, and improve security.

Organizations using cloud services need to be able to detect anomalous user behavior, including compromised accounts and malicious insiders, enforce and demonstrate compliance, detect toxic content, ensure security best practices are being followed, and identify data exposures from over-sharing.

Cisco Cloudlock is a simple, open, and automated solution that combats cloud account compromises, malicious insiders, data breaches, compliance violations, and cloud app ecosystem risks. With crowd-sourced security analytics across billions of data points, advanced machine learning, and the data scientist-led CyberLab, Cisco Cloudlock provides actionable cybersecurity intelligence that provides visibility and control over the most critical cloud security risks.

Why CASB

· Cloud cybersecurity is a shared responsibility between cloud service providers and customers

· By 2021, Gartner estimates that 27% of corporate data will bypass perimeter security[1]

· Through 2020, 95% of cloud security failures will be the customer's fault[2]

Discover and Control

Compromised Accounts	Data Exposures and Leakages	Cloud Malware
Insider Threats	Privacy and Compliance Violations	Shadow IT/OAuth Discovery and Control
User and Entity Behavior Analytics	Cloud Data Loss Prevention (DLP)	Apps Firewall

How We Do It

Cloud User Security

Cross-platform User and Entity Behavior Analytics (UEBA) for SaaS, IaaS, PaaS, and IDaaS environments leverages advanced machine learning algorithms to detect anomalies. Cloudlock can also detect activities outside of whitelisted countries and actions across distances at impossible speeds.

Cloud Data Security

Cloud Data Loss Prevention (DLP) continuously monitors cloud environments to detect and secure sensitive information through countless out-of-the-box policies as well as highly-tunable custom policies. Automated response actions can remediate risk in the event of a policy violation, including end-user notifications, encryption, transfer of ownership, quarantine, and more.

Cloud App Security

The Cisco Cloudlock Apps Firewall discovers cloud apps connected via OAuth to your corporate environment, and provides a crowd-sourced Community Trust Rating for individual apps, as well as the ability to ban or whitelist them based on risk profile and access scope, increase employee awareness with email alerts, and revoke apps in bulk across the entire user base.

Use Cases

Detect and respond to compromised accounts

Enable compliance for cloud data

Detect and respond to malicious insiders

Gain full visibility into cloud app usage, including connected apps

Monitor and secure privileged accounts

Block cloud malware, both cloud-native (OAuth) and cloud-resident

Protect sensitive data in the cloud

Secure cloud marketplace apps

Why Cisco Cloudlock

- **Cisco Ecosystem.** Cloudlock is part of the Cisco ecosystem/architecture, with offerings in many security areas, from NGFWs to NGIPS, email security, SWGs, etc. No other company offers the breadth of control of Cisco.

- **Cloud-Native.** Cloudlock is THE best-of-breed, cloud-native, API-based CASB. We pioneered the API-based CASB and are by far the most stable, scalable solution.

- **Proven Track Record.** Cloudlock provides full time-to-value in the simplest, most scalable, mature, and stable CASB platform. Deployed at over 700 organizations and supporting deployments over 750,000 users.

- **Smartest Intelligence.** With crowd-sourced Community Trust Ratings, and the analytical power of the Cloudlock CyberLab, Cloudlock provides the smartest cyber-intelligence of any CASB.

- **FedRAMP In Process.** Cloudlock is the only CASB to be FedRAMP In Process via Agency Authorization, working towards an Authority to Operate (ATO).

Data Sources

1. Gartner, Inc. "Mind the SaaS Security Gaps", Craig Lawson and Sid Deshpande, May 19, 2016.
2. Gartner, Inc. "Market Guide for Cloud Access Security Brokers", Craig Lawson, Neil MacDonald, Brian Lowans, October 22, 2015

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