



Duo Security, now part of Cisco, ensures secure authentication in the cloud for all users, while Bitglass' Next-Gen Cloud Access Security Broker (CASB) provides data protection policies for comprehensive visibility and control wherever data goes.

## Enabling Secure Access in the Cloud

In today's modern workforce, telecommuting, accessing corporate data via personal mobile devices, and cloud-first ecosystems have become the norm. As a result, organizations must rethink their security strategies. Employees are now able to download, upload, and share data from personal devices, remote locations, and unsecured public networks. This means data is able to go far beyond the corporate firewall. As such,

it is crucial for organizations to maintain total visibility and control over data that is being accessed in a variety of apps, devices, and locations around the world.

To achieve visibility and control, organizations must use the proper cloud security measures that grant users varied levels of access according to contextual conditions. In this way, employees are able to retrieve the

necessary information to perform their work duties -- without accessing data they should not, leaking sensitive information, or violating compliance frameworks. The first step towards this is secure authentication -- you need to know who is who and what they should be able to access in order to apply the correct, intelligent security policies.

## Zero Trust, Fully Cloud

The modern security perimeter is anywhere that access happens; it's global, fully remote, and multi-device. To some organizations, this can sound challenging, but by embracing a zero-trust mentality, employees and IT organizations can feel empowered and secure. With a cloud-based CASB and modern authentication from Duo, organizations can implement a zero-trust framework -- whether they're co-located, spread across multiple offices, or have no offices at all. The integration allows you to balance enterprise-grade access control and data protection with flexibility and a solid user experience regardless of where or on which devices work is done.

Duo integrates with the Bitglass Next-Gen CASB to provide a smooth and secure authentication experience along with leading CASB security policies. Duo provides single sign-on (SSO) and multi-factor authentication (MFA) and offers several authentication methods, including mobile apps, push notifications, offline options, WebAuthn, security keys and more. With Duo, users are given consistent secure authentication across the cloud. Once users authenticate, Bitglass is inserted into the path of traffic so it can monitor data and apply real-time protections.

Bitglass' CASB enables enterprises to secure any SaaS apps, IaaS instances, data

lakes, on-premises apps, and private cloud apps built on any platform. Bitglass' cloud-first security platform provides end-to-end security and comprehensive visibility over corporate data, limits sharing, prevents data leakage across all apps, and ensures data is always safe and secure. Granular data loss prevention (DLP) policies like redact, encrypt, watermark, and DRM can provide varied levels of access based on user, application, location, device type, and more. Additionally, Bitglass can identify suspicious user behavior in real time and direct users back to Duo for step-up MFA. Because the Bitglass CASB is agentless and deployed in the cloud, it delivers a rapid deployment and is perfect for securing remote and personal devices.



## 01

Verify your users before they access cloud resources with Duo's leading authentication capabilities.



## 02

Secure access remotely and globally to SaaS applications with the Bitglass CASB and its real-time protections.




## 03

Gain full visibility into all user, device, file, and app activity across your entire cloud footprint.

## Summary

Bitglass' Next-Gen CASB provides data protection, threat protection, access management, and visibility, while Duo offers identity verification options like SSO and MFA. The Duo and Bitglass integration provides a synergistic solution that funnels traffic through Duo's SSO and verifies users via its MFA so Bitglass can deliver real-time data loss prevention and granular adaptive access control. Because of Bitglass' agentless architecture, the joint solution can secure any app, any device, anywhere.



 Duo Security is  
now part of Cisco.

Duo Security, now part of Cisco, is the leading multi-factor authentication (MFA) and Zero Trust for the Workforce provider. Duo is a trusted partner to more than 20,000 customers globally, including Dresser-Rand, Etsy, Facebook, Paramount Pictures, Random House, Zillow and more.

**Start your free trial at [duo.com](https://duo.com).**



Bitglass, the Next-Gen Cloud Security company, is based in Silicon Valley with offices worldwide. The company's cloud security solutions deliver zero-day, agentless, data and threat protection for any app, any device, anywhere. Bitglass is backed by Tier 1 investors and was founded in 2013 by a team of industry veterans with a proven track record of innovation and execution.

**Learn more at [bitglass.com](https://bitglass.com)**