

Zscaler & Bitglass

Partner Brief

The Bitglass logo, consisting of a red square with a white icon of a person wearing glasses, followed by the text "bitglass" in white lowercase letters.

The Zscaler™ and Bitglass® joint solution enables customers to securely adopt cloud services, the key to a successful digital transformation, by gaining visibility into cloud usage and risk, as well as by enforcing granular security policies.

SOLUTION OVERVIEW

The average organization now uses more than a thousand cloud services, often with inadequate security controls that can put them at risk of breaches. As users access and share vital company data across authorized cloud applications and services, shadow IT, and unmanaged devices, security becomes a critical concern. Unfortunately, on-premises security solutions lack the ability to monitor and protect data in the cloud and cannot enforce corporate and regulatory compliance policies in this new frontier.

Zscaler and Bitglass have partnered to provide a joint solution that enables enterprises to securely adopt cloud services by enforcing security and governance controls. Bitglass offers thorough visibility and granular data protection policies across all cloud services, applications, and devices in order to secure network traffic, workloads, and data. The Zscaler platform, with its innovative, fully cloud-enabled architecture, sits between users and their applications in order to provide full inline threat protection, data loss prevention, and cloud application control.

With complementary architectures, Bitglass' cloud access security broker and Zscaler's platform work together to give organizations a deeper understanding of cloud usage as well as the ability to enforce governance policies – whether users are on or off network, or working from personal or corporate devices. The joint solution protects against exfiltration of data via risky cloud applications; detects insider threats, compromised accounts, and malware; and enforces data security controls, such as encryption and contextual access.

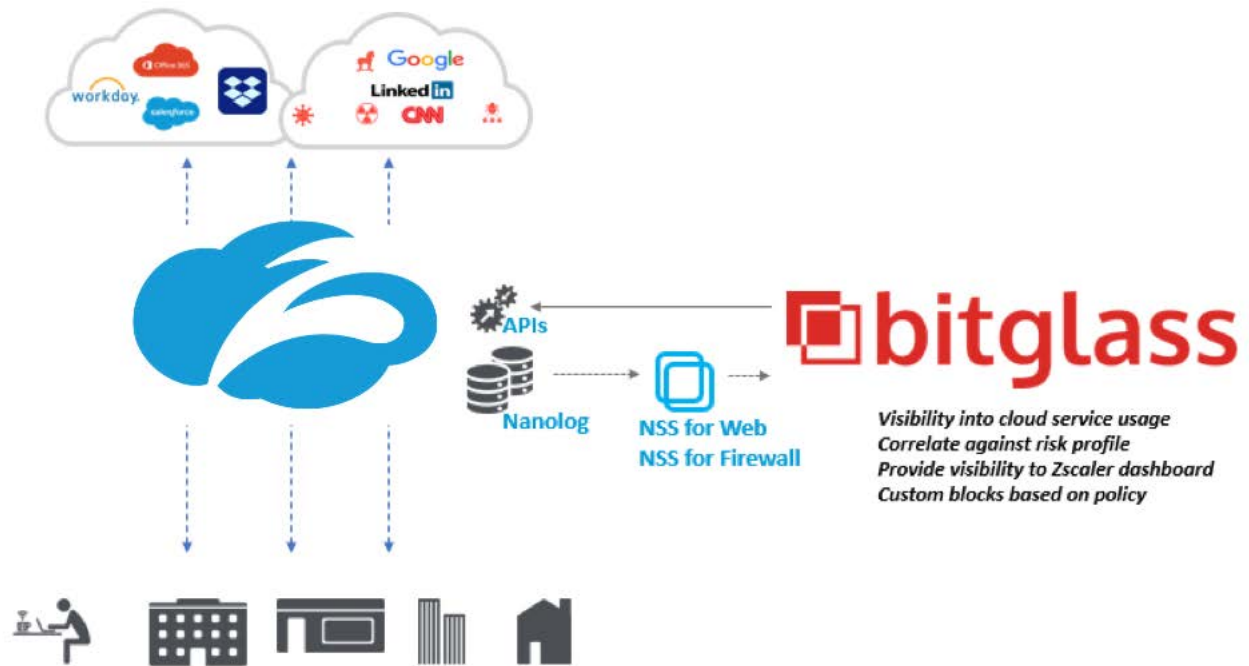
The integrated Zscaler and Bitglass solution has been deployed by Fortune 500 companies worldwide and protects users and data across sanctioned, unsanctioned, and custom applications, as well as IaaS platforms. The solution provides deep shadow IT discovery capabilities and assesses the risks associated with hundreds of thousands of cloud services across many security attributes. Cloud governance capabilities help organizations to enforce granular cloud usage policies that leverage parameters like category, risk, attribute, and compliance.

INTEGRATION BENEFITS

- **Improve Protection** – Gain visibility into enterprise cloud usage and associated risk within the Zscaler platform. Apply granular controls on cloud access in alignment with governance requirements.
- **Gain Efficiency** – Save time and resources with seamless setup and enforcement of governance policies.
- **Achieve Simplicity** – Automate updates of governance policies to include new cloud services added into the registry.
- **Secure Devices** – While Zscaler secures corporate and on-premises devices, Bitglass can secure data flowing to personal and mobile endpoints.

How the Zscaler-Bitglass Integration Works

- The Zscaler platform monitors all internet-bound traffic inline and provides visibility into the usage of cloud services. Bitglass shares risk ratings and compliance factors for these applications and services with the Zscaler cloud in order to add context to cloud usage risk.
- The Zscaler cloud forwards cloud usage logs with its Nanolog™ Streaming Service to Bitglass in real time. Bitglass leverages the logs to perform shadow IT discovery and provides granular insights into usage context.
- Administrators can define granular policies within the Bitglass interface to group services by various governance criteria and security attributes. To enforce these policies, administrators sync the service groups from Bitglass to Zscaler, where a corresponding URL category is created. Because Zscaler processes all cloud traffic inline, it applies the controls necessary to restrict access to risky services.
- Governance policies are in sync at all times. As new services are added to the Bitglass App Database, they are automatically synced with Zscaler without any manual intervention.
- For further investigation of discovered applications, administrators can easily pivot between management consoles.



Cloud Applications Five Days ▾

CLOUD APPLICATION TREND Bytes

| Name | Category | Risk Level | Threat Index |
|---------------|-------------------|---------------------------------------|--------------|
| Amazon | Consumer | ■ | 53 |
| YouTube | Streaming Media | ■ | 2 |
| Google Search | Web Search | ■ | No Data |
| Facebook | Social Networking | ■ | 5 |
| DoubleClick | Sales & Marketing | ■ | 7 |
| Yahoo Search | Web Search | ■ | No Data |
| Twitter | Social Networking | ■ | 2 |

SOCIAL NETWORKING APPLICATION... Transactions

ZSCALER

Cloud Application: **Facebook** Category: Social Networking

Threat Index: 5 Alexa Ranking: 2

Risk Level: ■ Medium

> Microsoft Cloud App Security

> SkyHigh

~ Bitglass

Risk Level: ■ Low Risk Score: 10

Admin Audit Trail: ✓ Multi-factor Auth: ✓

Data Encryption: ✓ Encryption in Transit: Unknown

Compliance Certifications:
Privacy Shield
SOC2
ISO 27001

STREAMING APPLICATIONS Bytes

5.8 MB
100%

SERS Bytes

@zscaler.com

About Bitglass

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.