

 bitglass



FOR
ADOPTION

BITGLASS CLOUD ADOPTION 2019



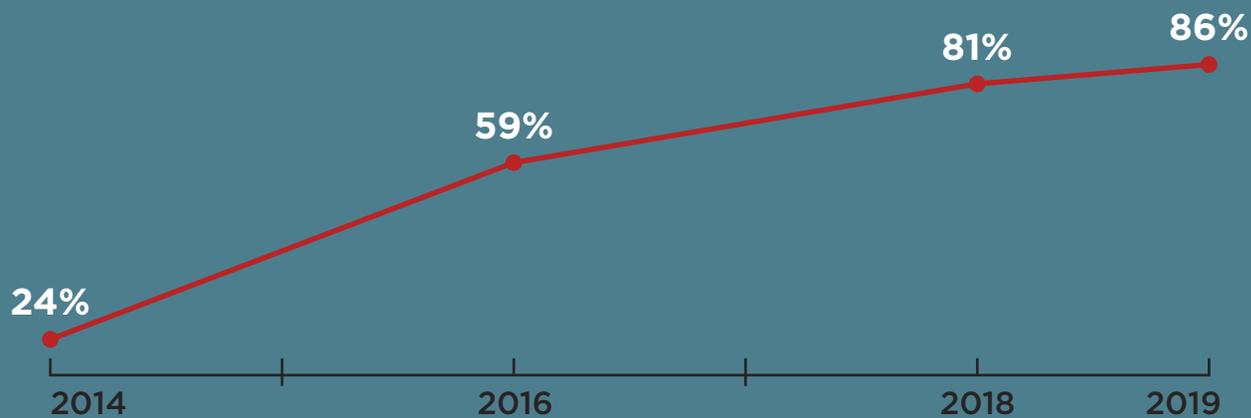
The use of the cloud enables employees to share, collaborate, and work much more efficiently and flexibly—helping organizations to reach their goals and scale with ease. Naturally, this means that the adoption of cloud-based tools has continued to proliferate across organizations around the world and has changed the way that work is done in the modern enterprise.

To learn about the rate at which companies are deploying cloud services, Bitglass performed an automated analysis of over 138,000 companies. This allowed Bitglass to uncover the adoption rates for popular SaaS apps, AWS, and single sign-on (SSO) solutions across various industries. Read on to learn more.

THE GROWTH OF CLOUD ADOPTION

Bitglass has conducted this study multiple times over the last half of a decade and, year after year, the percentage of organizations using the cloud has grown. Today, a staggering 86% of enterprises have deployed cloud-based tools. Organizations that migrate to the cloud are able to remain competitive and keep pace with the ever-growing productivity and flexibility demands placed upon them by the market.

ORGANIZATIONS USING THE CLOUD



THE RISE OF CLOUD APPS

Despite an early lead in the cloud productivity market, Google's G Suite has slowed down in the past several years, increasing from 25% in 2018 to 33% in 2019. Microsoft Office 365 on the other hand, still reigns supreme as the cloud productivity suite of choice with 79% adoption as of 2019.

	2014	2016	2018	2019
 Office 365	8%	34%	56%	79%
 Suite	16%	25%	25%	33%

The use of cloud applications has grown tremendously over the last year; the adoption of Salesforce and Slack increased by 55% and 44%, respectively. Rapid cloud adoption means that organizations must be ready to protect sensitive data within any application.

	2018	2019
salesforce	11%	17%
 slack	43%	62%
box	17%	17%



AWS IN THE ENTERPRISE

Organizations that use infrastructure as a service (IaaS) benefit in various ways; from mitigating the need for costly, on-premises IT infrastructure to being able to scale with the click of a button. In 2019, the percentage of organizations using AWS reached 20%, reflecting a 43% increase from last year's 14%.

TOP 5 INDUSTRIES USING AWS

2018



TECHNOLOGY
22%



EDUCATION
20%



MEDIA
15%



AGRICULTURE
13%



FINANCE
12%

2019



TECHNOLOGY
32%



MEDIA
28%



TELECOMMUNICATIONS
27%



EDUCATION
26%



NON-PROFIT
20%

INDUSTRY BREAKDOWN

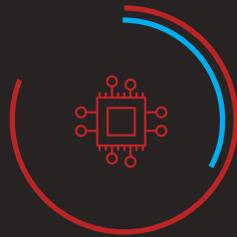
EDUCATION



O365
81% SSO
61%

Education is a major user of cloud apps, adopting Office 365 (81%) and G Suite (59%) for student and faculty use. Salesforce (30%) and Okta (18%) were adopted the most by education. Education was also the second-largest user of Slack (77%).

TECHNOLOGY



O365
80% SSO
33%

Since 2018, technology has leaped from 22% AWS adoption to 32%. Technology is also the leading adopter of Slack (79%) and the third largest user of G Suite (49%). Interestingly, technology was not in the top 5 for SSO (33%).

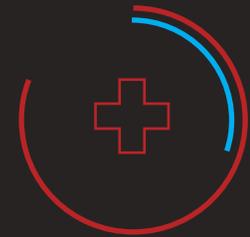
FINANCE



O365
82% SSO
41%

Finance was the fourth largest adopter of Office 365 (82%) and the third largest for SSO. Since last year, SSO adoption has gone from 29% to 41%—this 41% increase is good news for financial service customers.

HEALTHCARE



O365
79% SSO
30%

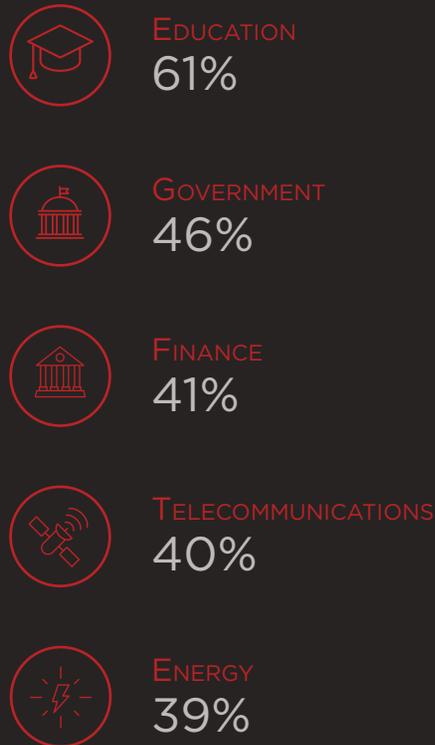
Healthcare was another leading adopter of Office 365 at 79%. As for SSO, the healthcare industry fell into 10th place with only a 30% adoption rate—a concerning statistic that could affect millions of patients.



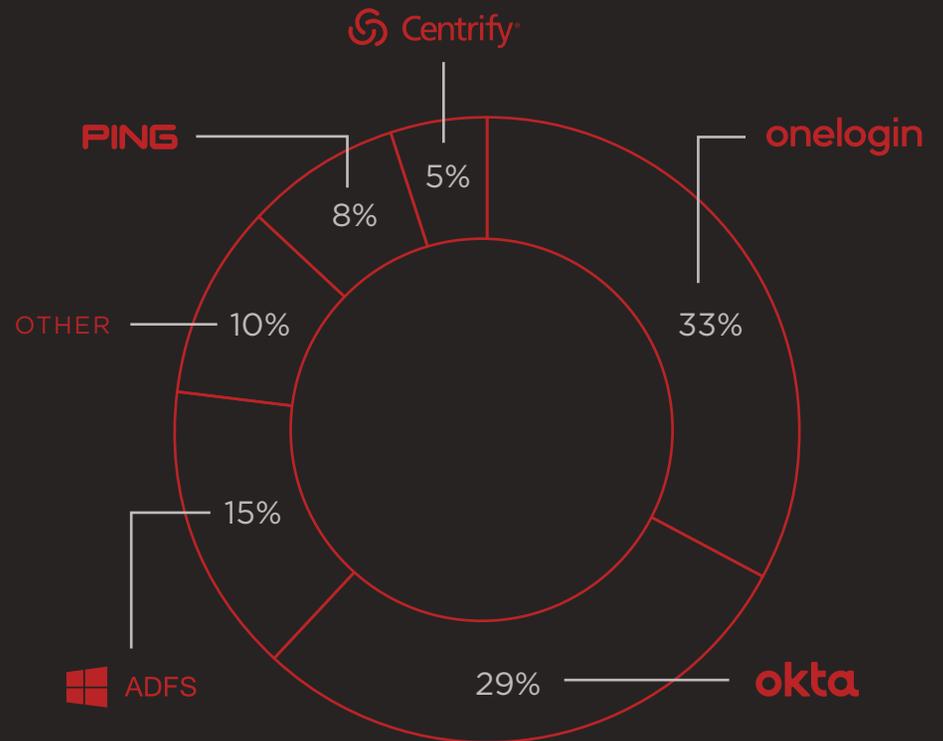
THE SIGNIFICANCE OF SSO

Single sign-on (SSO) is a security tool that organizations employ in order to authenticate users that are attempting to access data in the cloud. Unfortunately, while the percentage of companies deploying cloud applications has grown to 86%, SSO adoption is a mere 34% today. Regardless, tools like SSO are table stakes when it comes to protecting data in the cloud. As such, the difference between cloud adoption and single sign-on usage should be far less sizable.

TOP 5 SSO ADOPTERS



IDENTITY PROVIDERS IN USE



CLOUD ADOPTION BY ORGANIZATION SIZE

Cloud applications give organizations the ability to scale much more easily. With that being said, it should come as no surprise that larger organizations adopt the below cloud applications the most often. Fortunately, small and medium-sized companies aren't too far behind for many of these apps. However, larger organizations are clear frontrunners when it comes to SSO adoption.

64% of large firms utilize SSO, nearly 50% more than medium-sized companies, and more than twice as often as small organizations.

Size	salesforce	Office365	G Suite	box	slack	servicenow	aws	Single Sign-on
< 500	14%	77%	34%	13%	59%	1%	17%	25%
500-1,000	21%	85%	28%	22%	65%	4%	21%	45%
> 1,000	29%	83%	33%	33%	78%	11%	31%	64%



WRAP-UP

Over the last five years, cloud adoption has grown at an astonishing rate—from 24% to 86%. Consequently, employees have been able to work more efficiently and flexibly, allowing organizations to enhance their operations in various ways. With that being said, the need for data protection is more vital than ever, and security strategies that organizations are implementing must be shaped around a cloud-first environment. Fortunately, utilizing a secure access service edge (SASE) platform allows companies to embrace the benefits of the cloud without the risk of data leakage. Want to learn how? Download the [Top SASE Use Cases](#).



ABOUT BITGLASS

Bitglass' Total Cloud Security Platform is the only secure access service edge offering that combines a Gartner-MQ-Leading cloud access security broker, the world's only on-device secure web gateway, and zero trust network access to secure any interaction. Its Polyscale Architecture boasts an industry-leading uptime of 99.99% and delivers unrivaled performance and real-time scalability to any location in the world. Based in Silicon Valley with offices worldwide, the company 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.

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