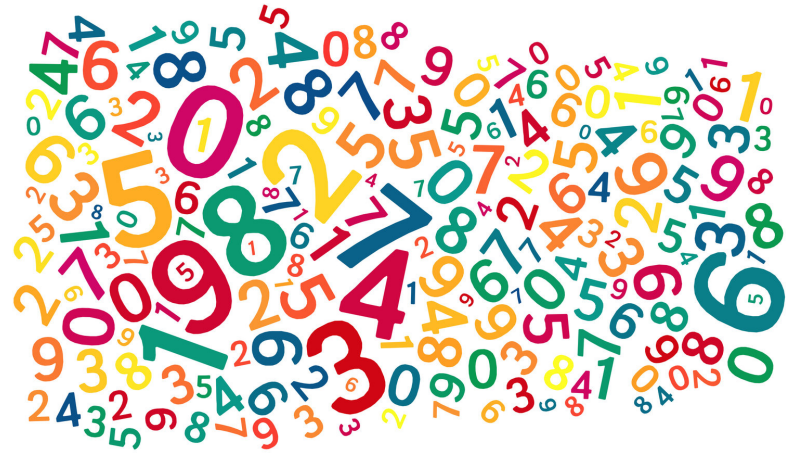




**Next-Gen
CASB**

Cloud in numbers...

- **>1000 SaaS apps**
used at a typical enterprise company
- **Up to 40%** of IT spend is
Shadow IT (Unsanctioned apps)
- **65%** of organisations use Office365
- **Less than 50 percent** of organizations have
deployed even the most basic cloud security tool –
SSO. Only 47 percent of organizations sampled
had a SSO tool in use.

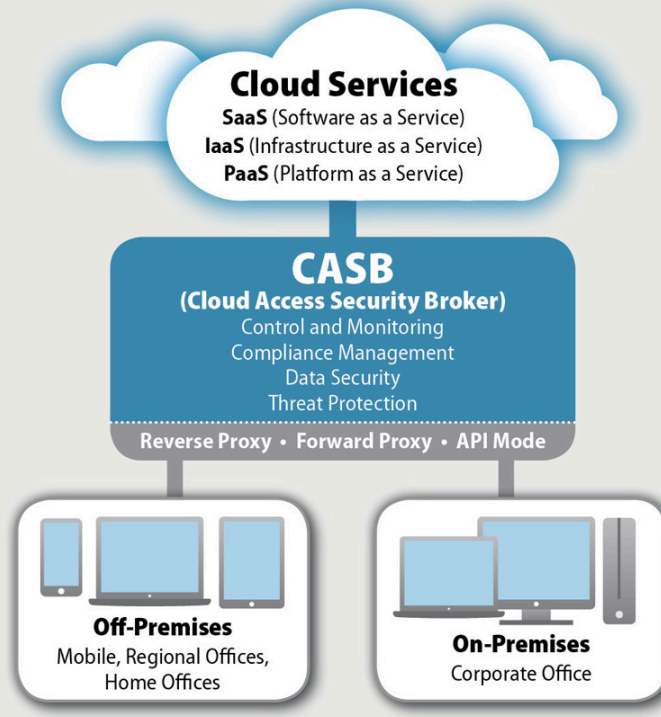


(*) source: ForcePoint research 2017

CASB ? What ?

What is CASB?

A cloud access security broker (CASB) provides a critical security tool that helps enterprises set policy, monitor behavior, and manage risk across the entire set of enterprise cloud services and providers. CASBs may run on premises in a corporate data center or in the cloud and sit between the end user and the cloud.



Gartner's Vision on CASB

visibility

apps, data, users & devices

compliance

apps, data, users & devices

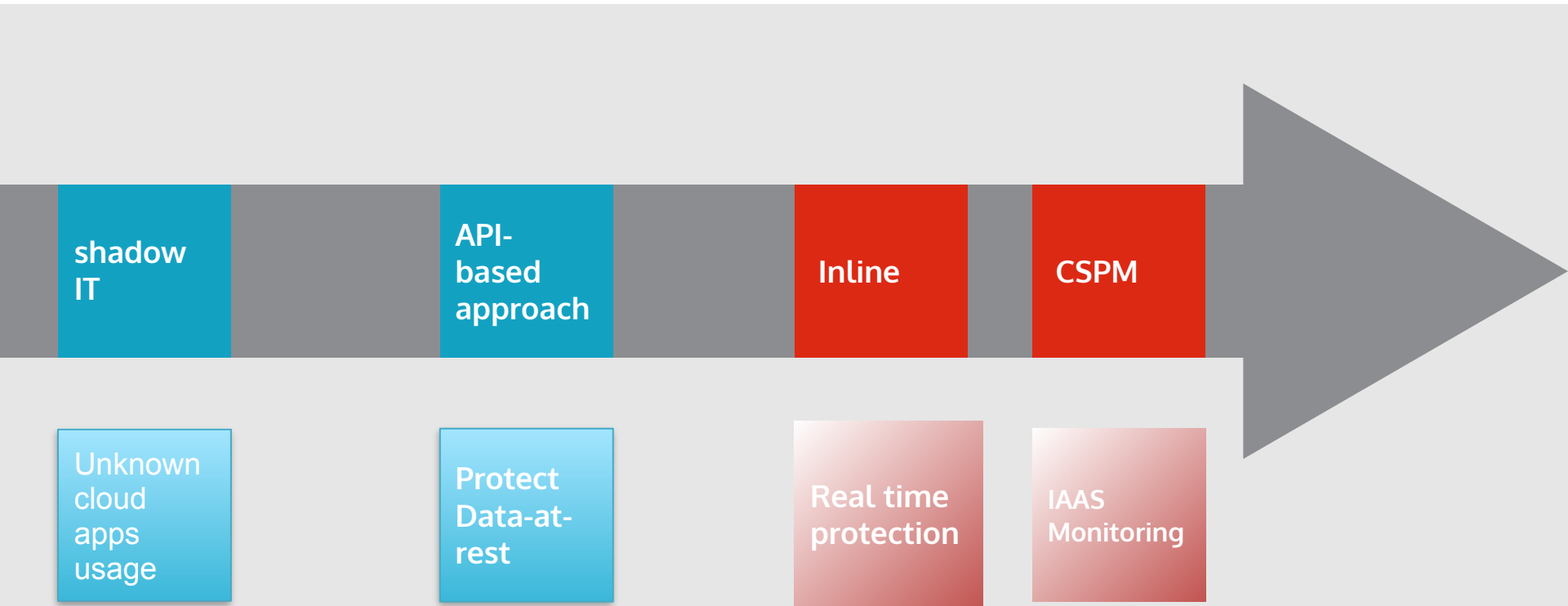
data protection

in the cloud, at access,
and on devices

threat protection

malware, APT, hijack

CASB – 2012 -> 2020



Shadow IT



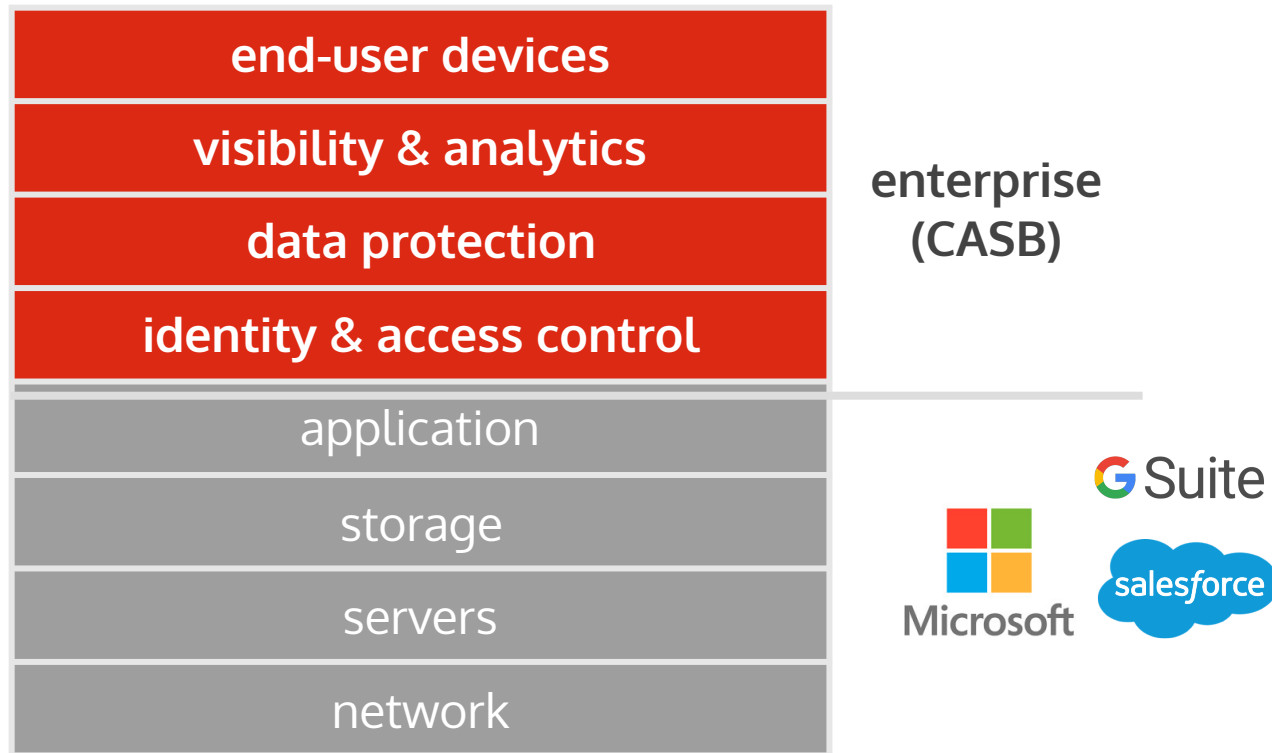
IT departments have lack of visibility

- thousands of enterprise cloud apps today (and growing)
- 95% of apps are not sanctioned by IT
 - many of which are unknown to IT
- most apps are not enterprise ready

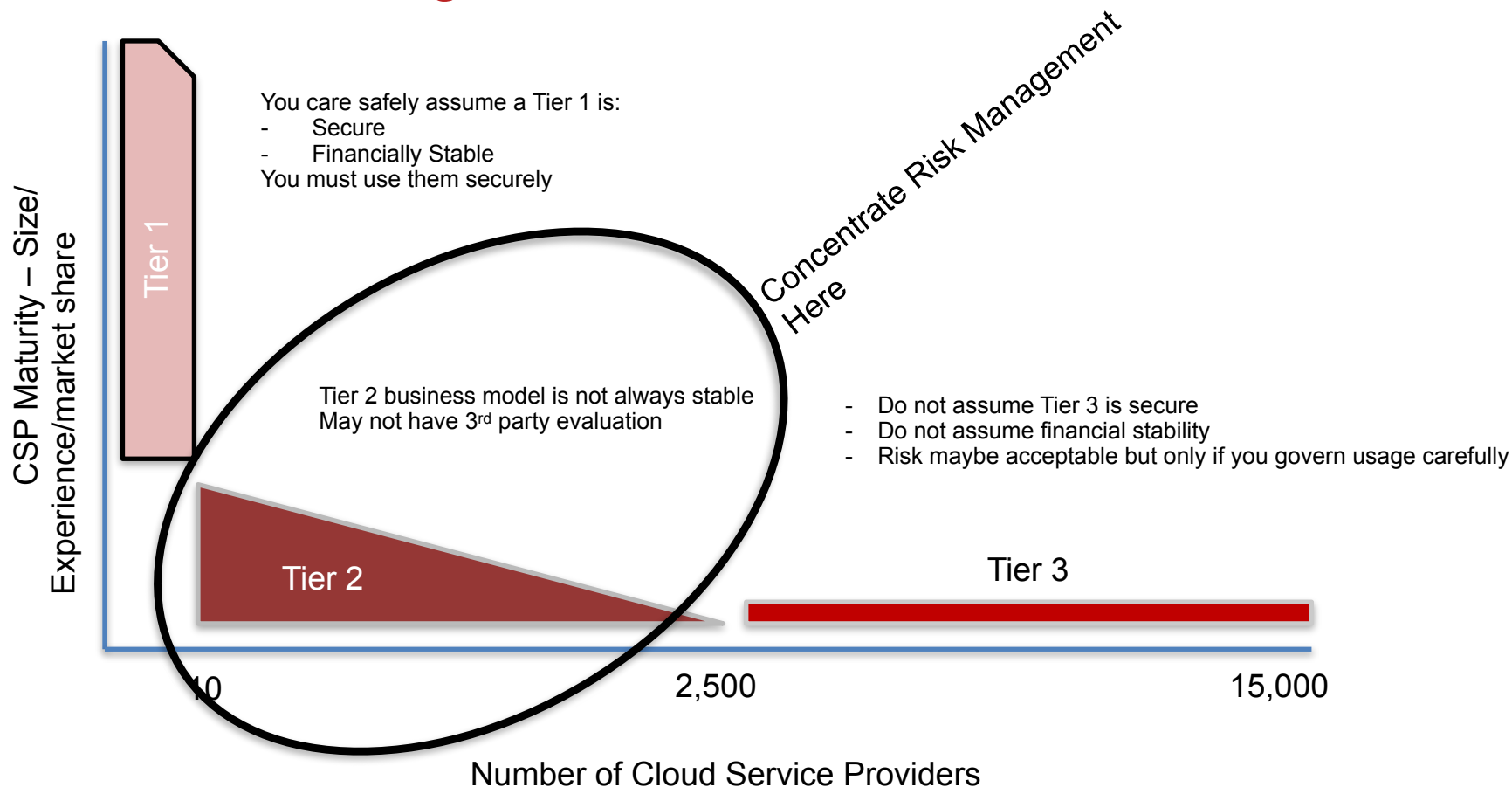
app type	examples	threat risk	data leakage risk
IT sanctioned	  		
shadow IT	  		
personal apps	  		

So why the current need for a CASB?

enterprises can't rely solely on native app security

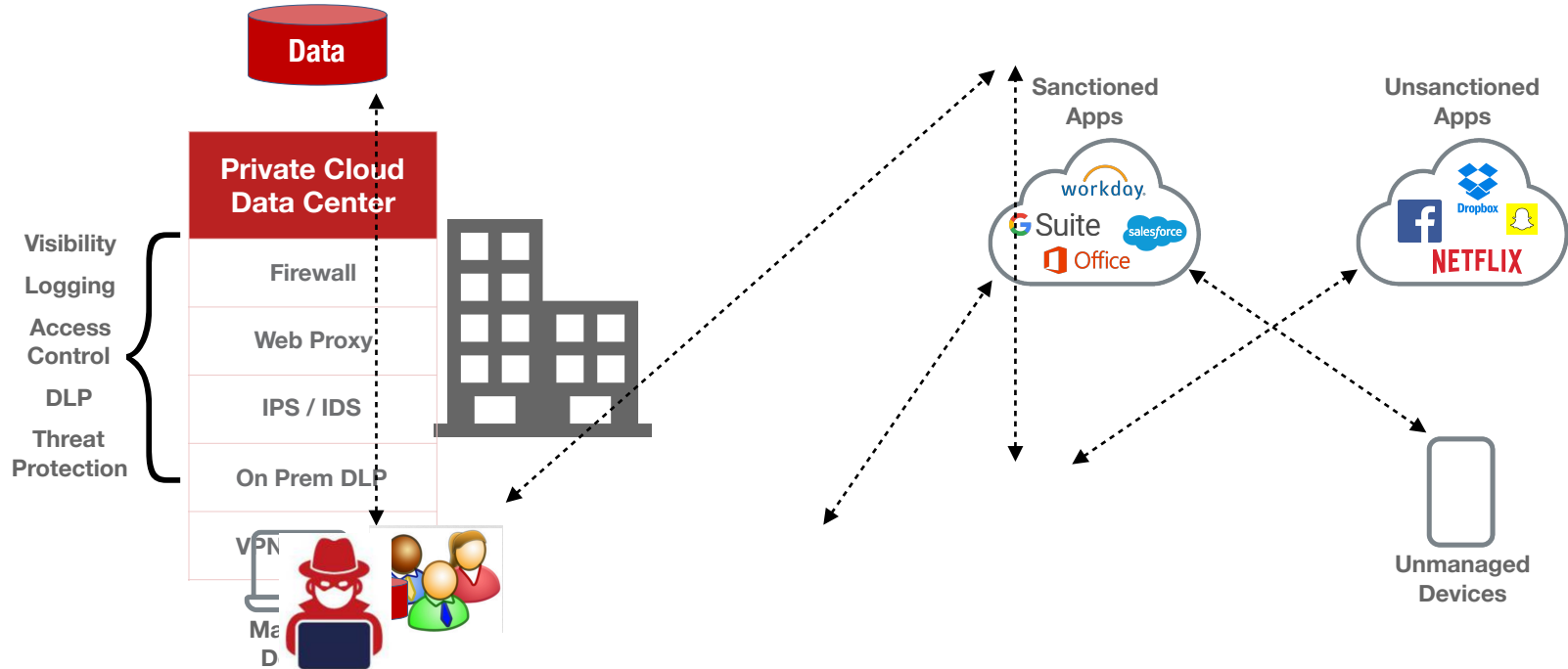


Understand the Long Tail of Cloud Service Providers



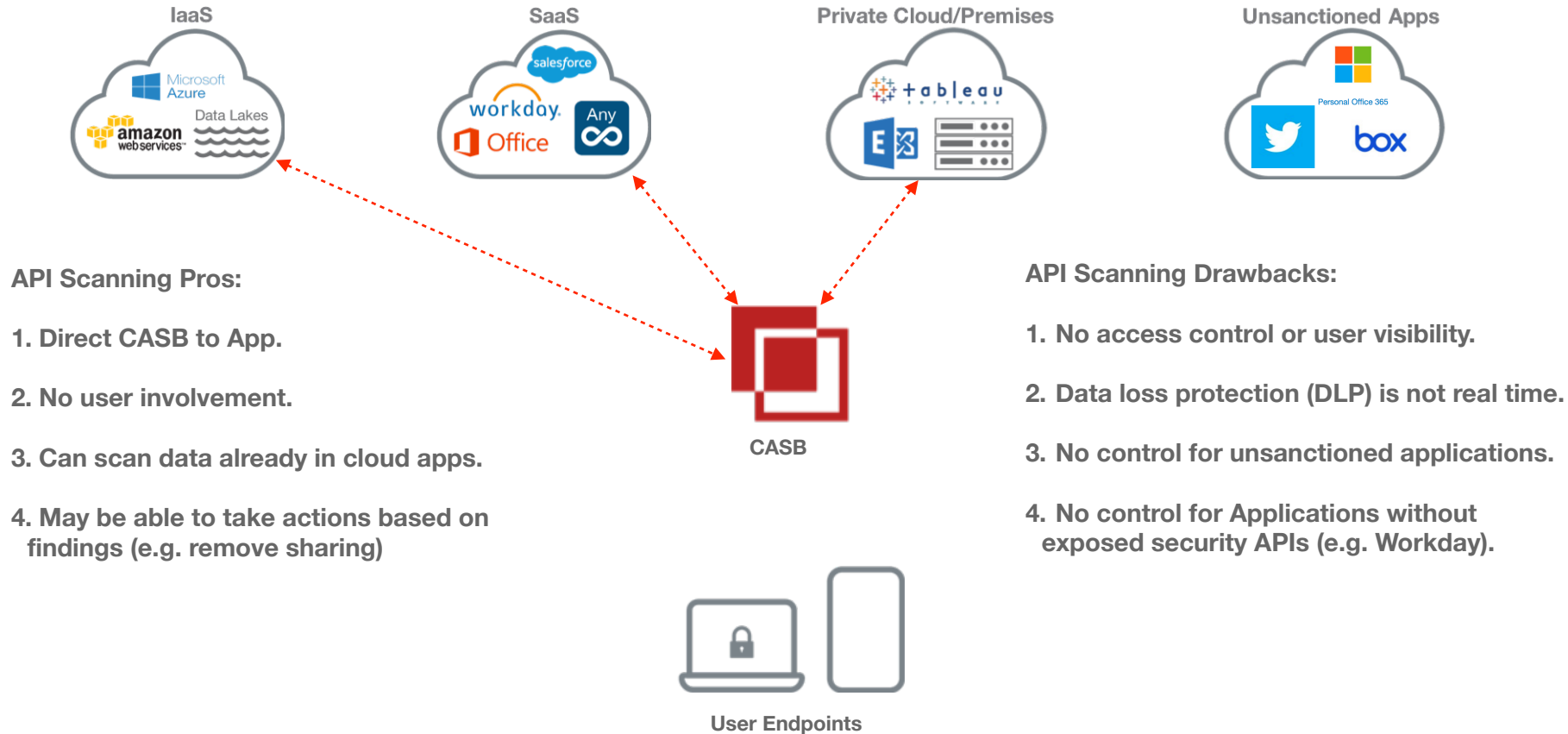
Why Does Anyone Need a Cloud Access Security Broker?

Cloudy takes bits means your password to use with by data. your
If a user can put data in a sanctioned cloud application...
data center and campus...

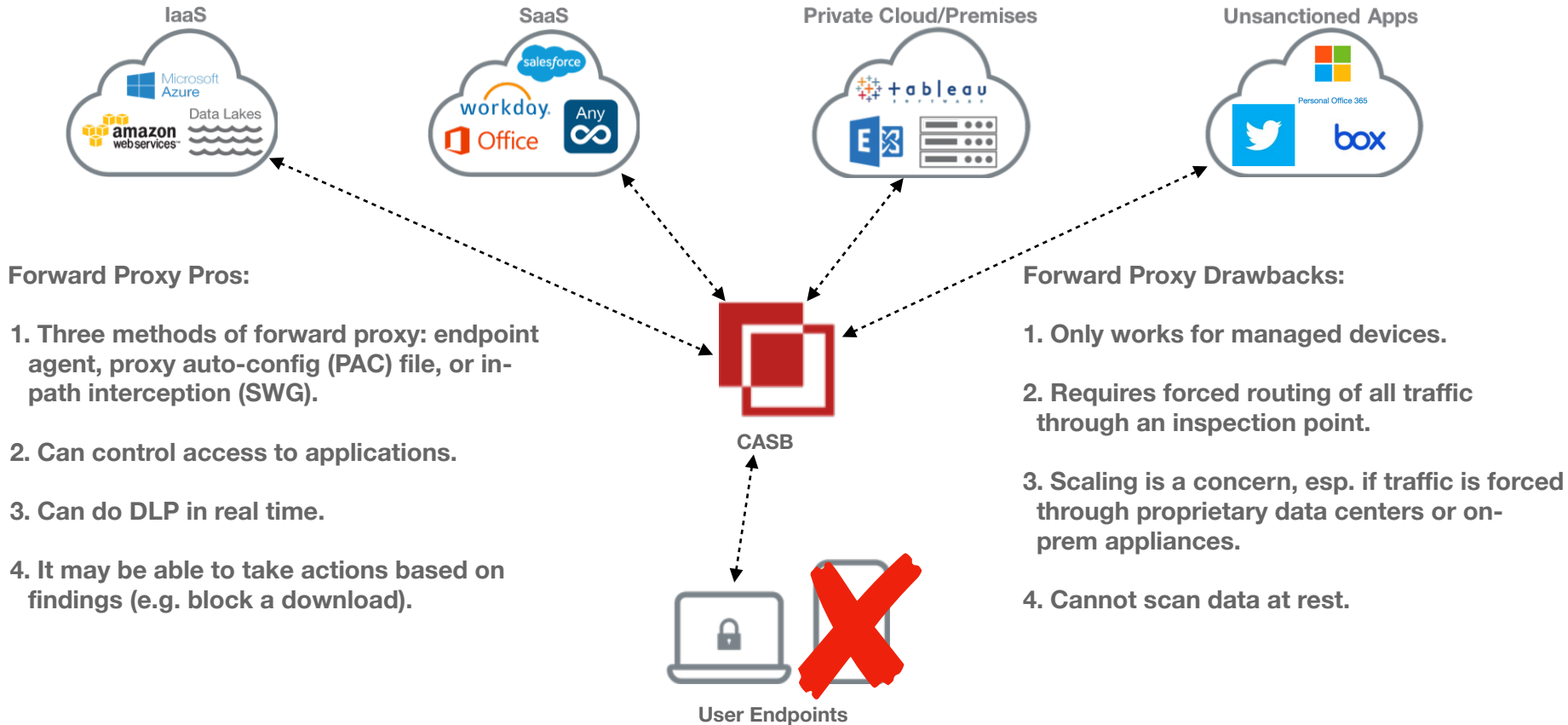


...It's not just ANY application, it's the path.

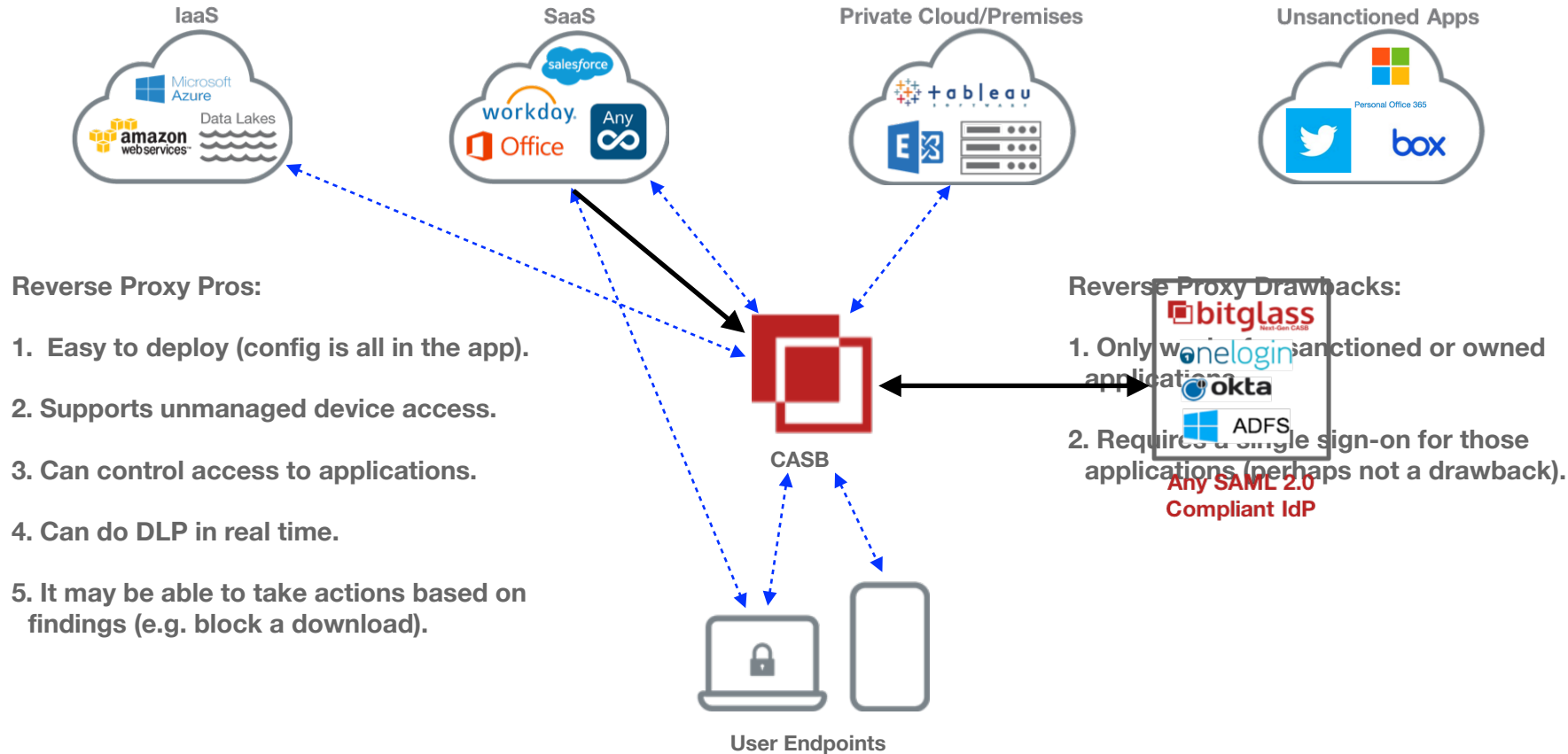
Key CASB Concepts - API Scanning



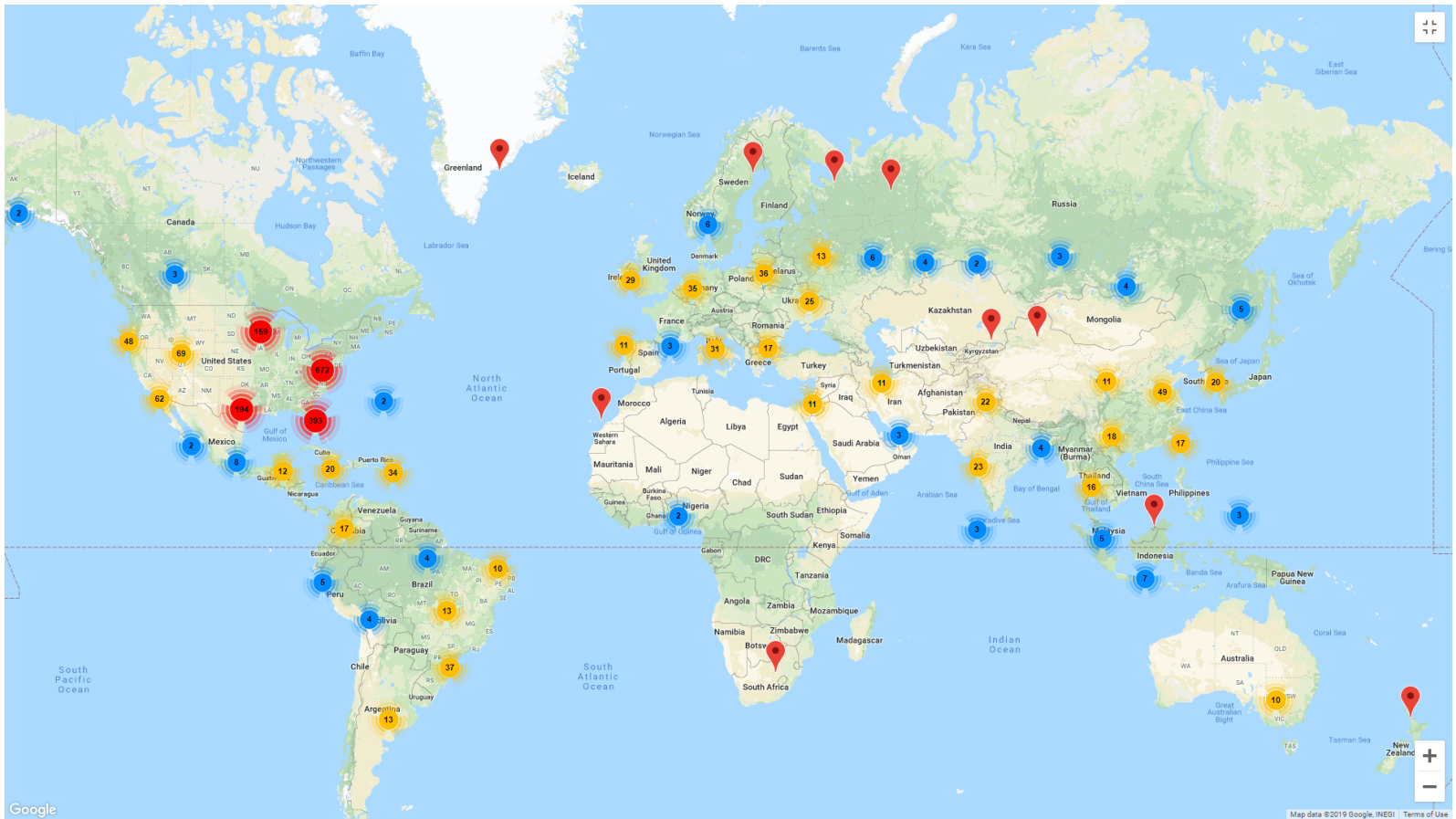
Key CASB Concepts - Forward Proxy



Key CASB Concepts - Reverse Proxy

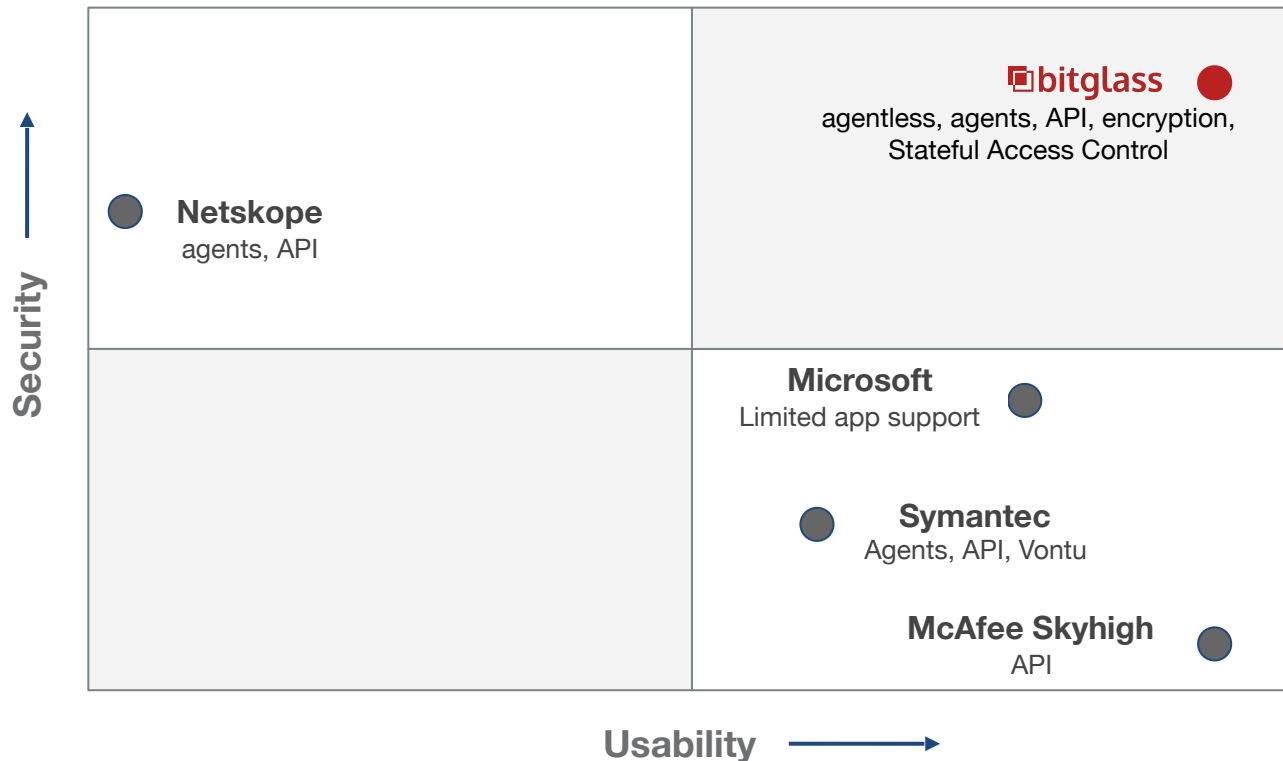


Use Case: Customer having stolen credentials issues.....



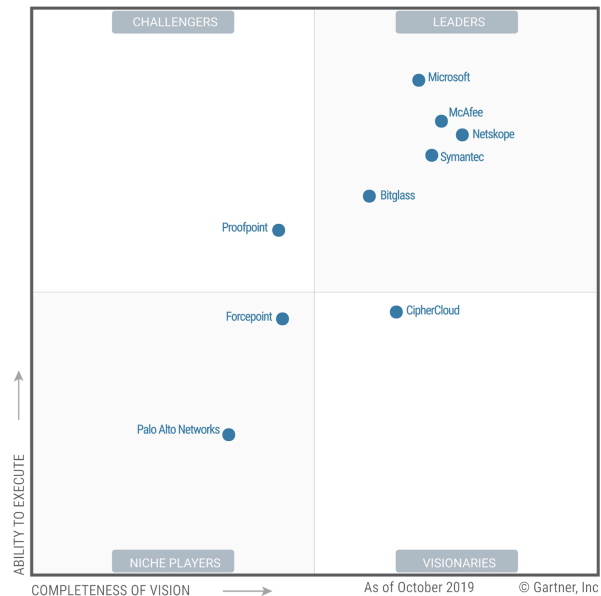
The Only Next-Gen CASB

Security and Usability for any app, any device, anywhere

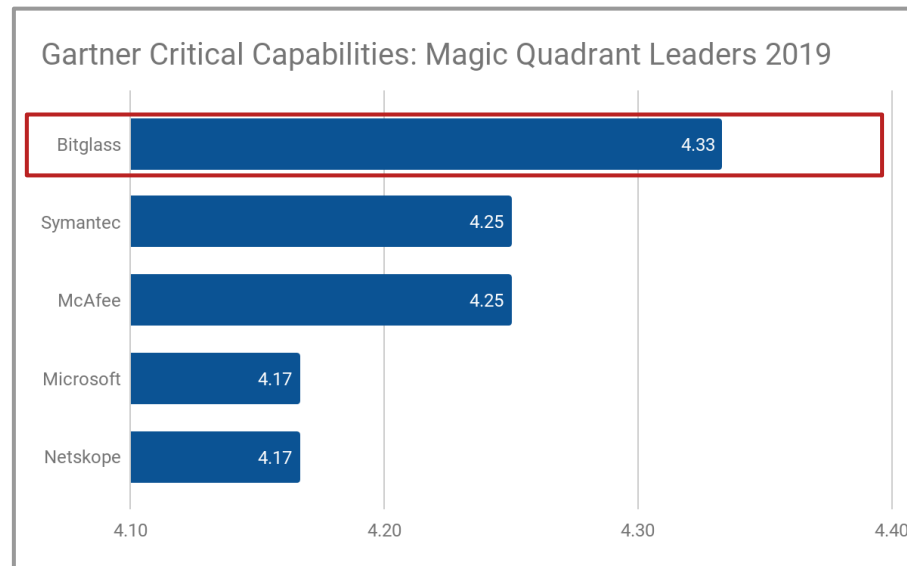


Gartner CASB Leader

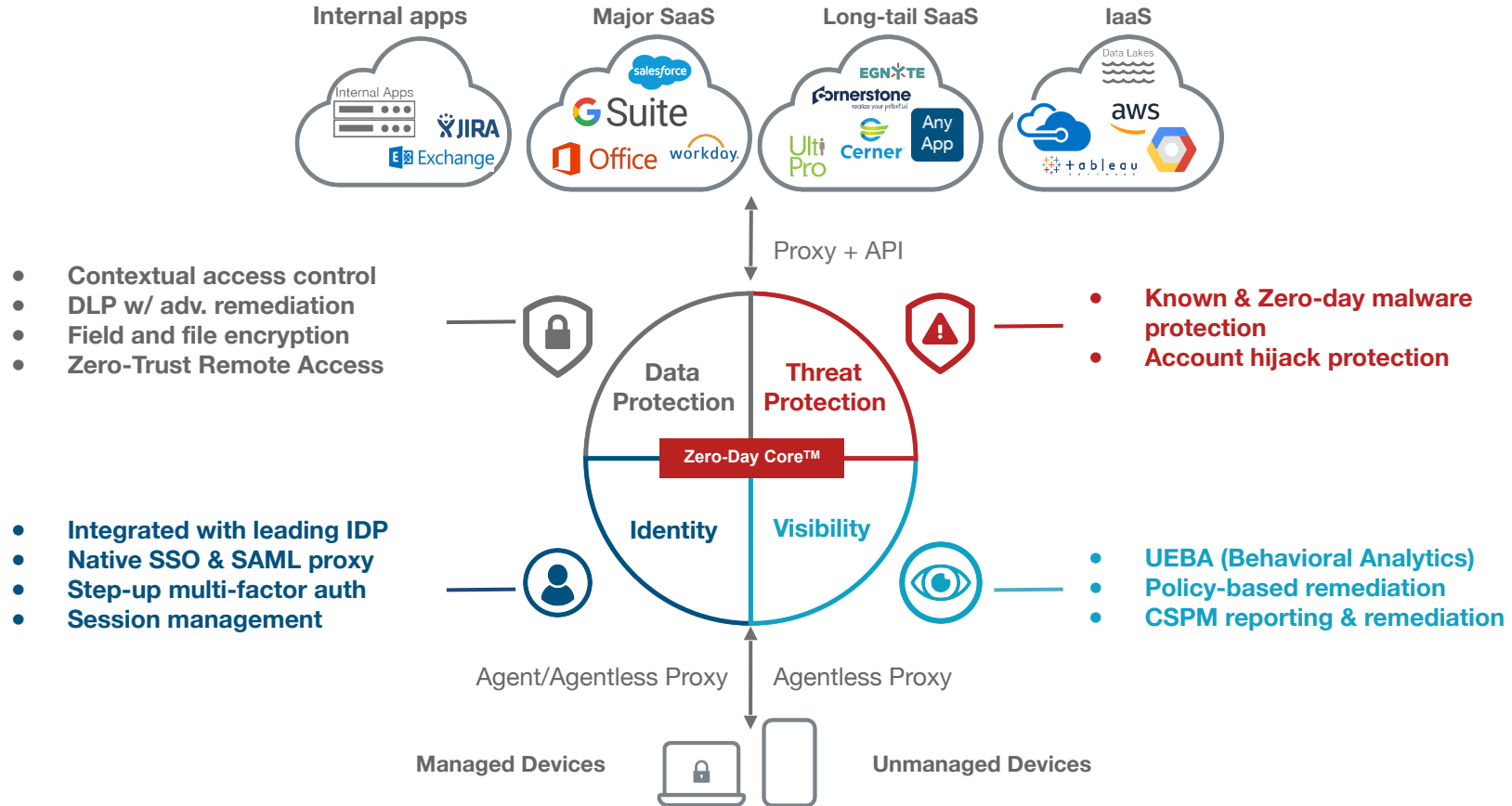
Figure 1. Magic Quadrant for Cloud Access Security Brokers



Source: Gartner (October 2019)



Managed Apps: Zero-Day Control for Any App



Unmanaged Apps: Zero-day Discovery & Protection

Zero-day Shadow IT Discovery

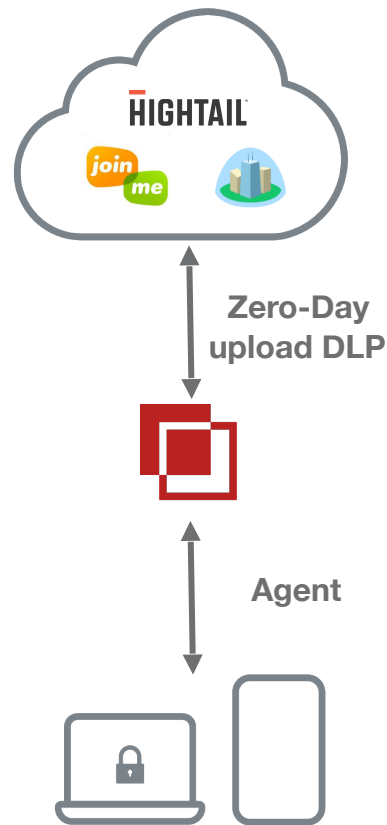
- Patent-pending index of over 500K+ apps, 20X the competition
- Comprehensive reports on app risk, compliance, etc.

Secure access to unmanaged apps from managed devices

- Route traffic via agent or agentless PAC file on devices
- Automated identification/DLP of upload paths (Patent Pending)
 - Machine-learning tech inspects all upload traffic
 - Data-paths with natural language payloads identified
- No signatures required, works for all apps - Facebook, LinkedIn, etc.

Competition

- Manual catalog of supported apps with upload path signatures
- Breaks/outdated when apps change or new apps surface



Bitglass Global Infrastructure



powered by
amazon
web services

Elastic

- Hosted globally on AWS
- Or your private cloud

High performance

- Auto-scaling and replication
- Global load balancing

Reliable

- Fully redundant architecture
- 24x7x365 global support

Tack
Bedankt
Thank you
Takk skal du ha