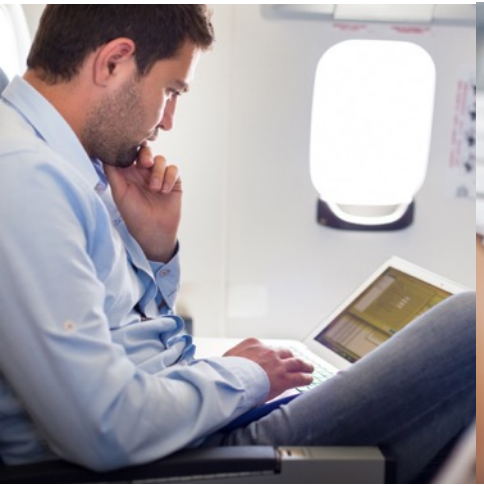
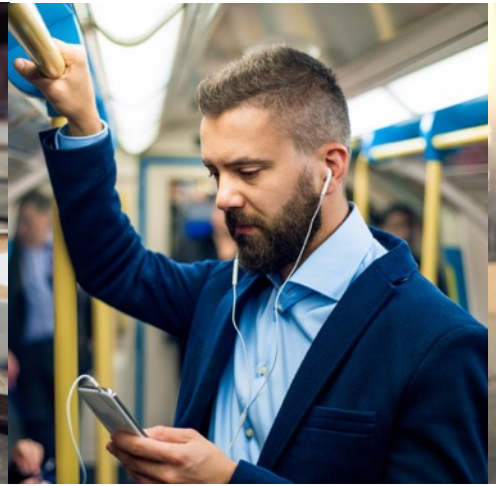
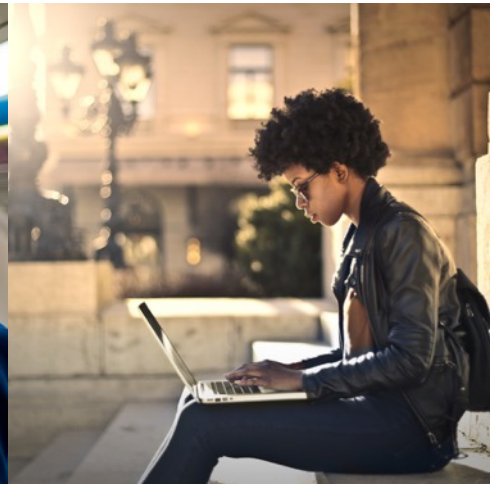
Clarity in the Cloud Age

Use Cases

Retail	DLP across all cloud services to find and protect sensitive data
Financial Services	Compliance (GLBA, etc.) with encryption of PII, PCI data
Healthcare	Cloud threat and malware protection

The Way People Work Has Changed



Any place, any device, any time

Instantaneous sharing and collaborating

More sensitive data now in the cloud

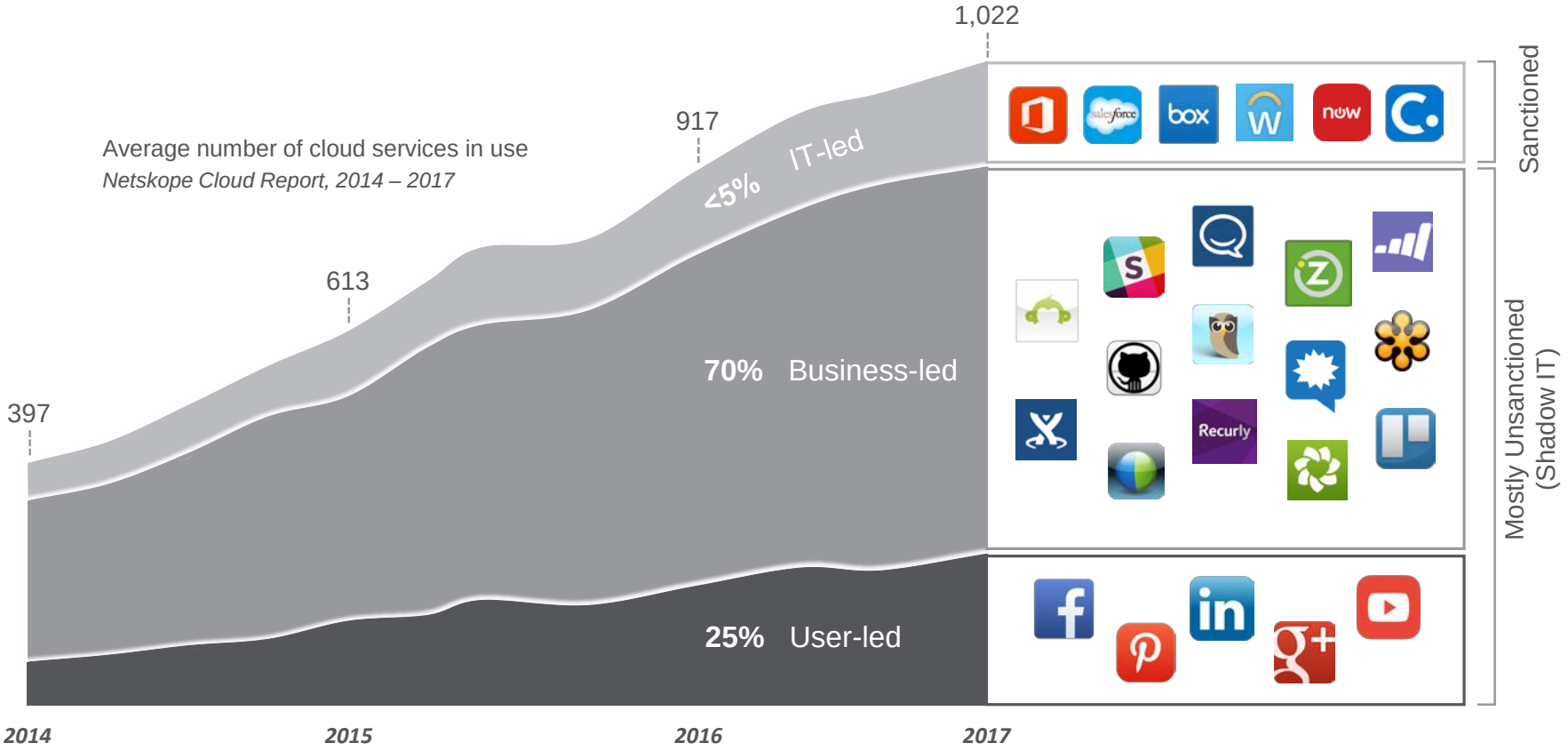
Disruptive Trends

Dynamic Cloud Powered by APIs	The Workplace is No Longer a Place	Access Methods Have Changed	Threats Use Multiple Vehicles
Language of cloud and web is different than when legacy tools were built	>50% of all cloud usage occurs beyond your network	> 50% of access comes from sync clients and apps and traffic is TLS-encrypted	Data exfiltration from IT-led to user-led cloud services, malware from cloud to web

You need to understand these things to solve today's cloud security use cases

Legacy security solutions were not built to handle these trends

Growth in cloud services usage in the enterprise




CAN YOU SEND ME THE FILE?
VACATION ARTIST BRENNA THUMMLER
DO YOU WANT IT BY EMAIL, DROPBOX, GOOGLE DRIVE, ICLOUD DRIVE, AIRDROP, OR CREATIVE CLOUD?
4-4-16 © 2016 Scott Adams, Inc. /Dist. by Universal Uclick
SURPRISE ME.
THE SURPRISE WILL BE IF YOU FIND IT.

Your Cloud Usage and Concerns

Cloud Services in Use or in Plan?

Data in the Cloud?

PCI

Intellectual Property

Design Documents

PII

PHI

Regulations, Standards, Other Requirements?

HIPAA

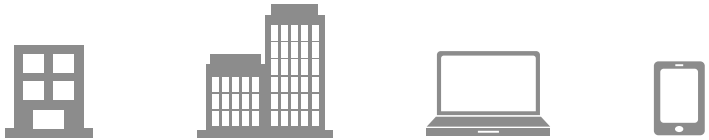
GLBA

GDPR

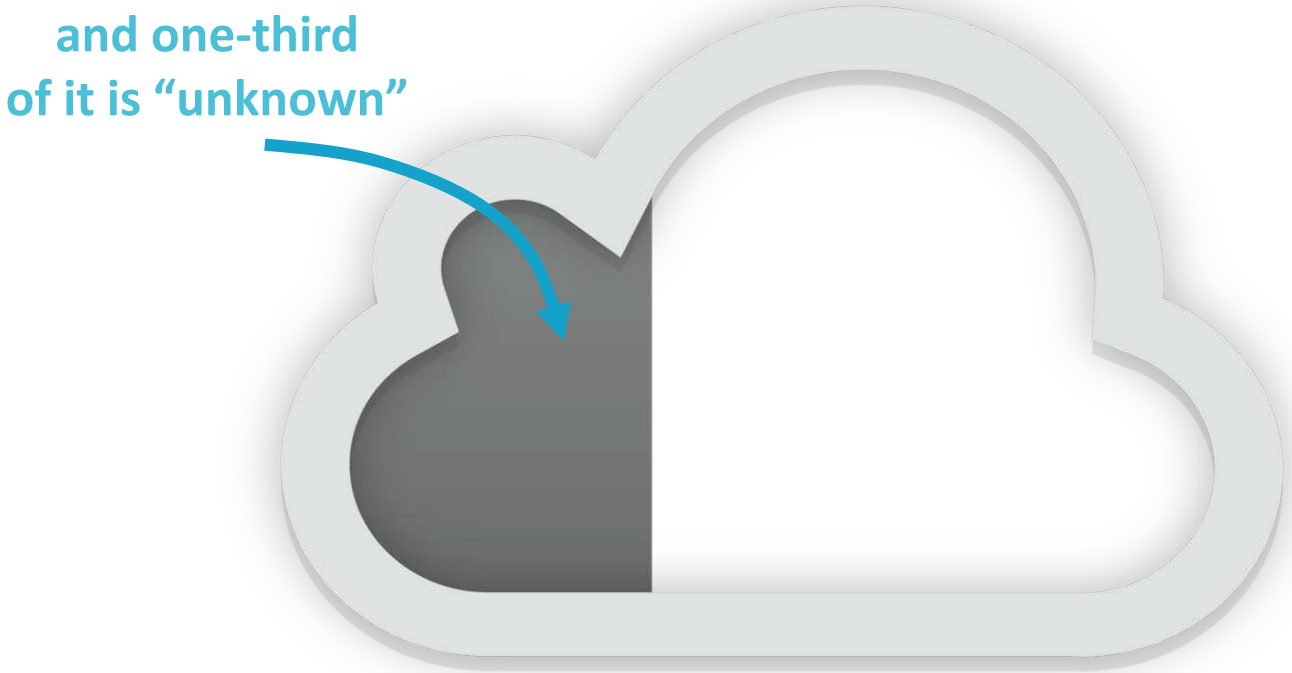
PCI-DSS

FINRA

Cloud Service Access (Who, Where, and How)?



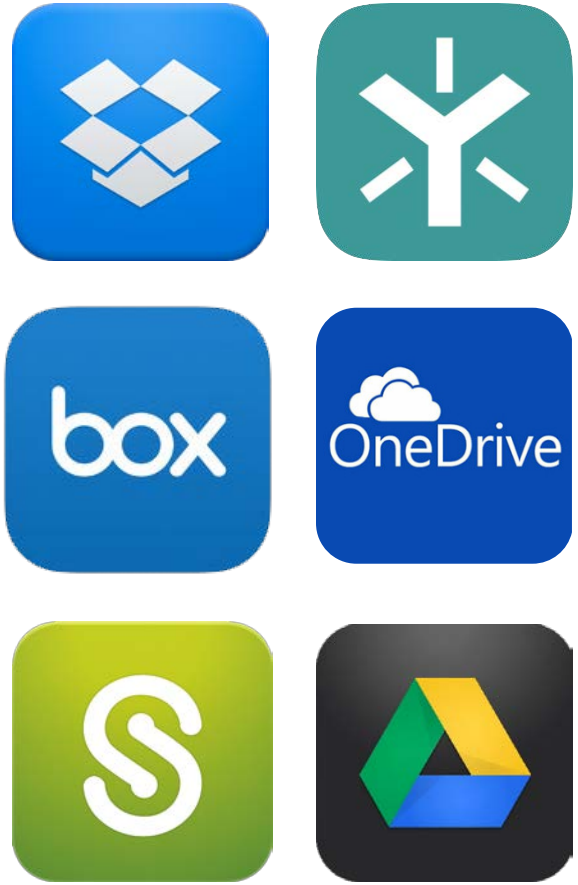
33 Percent of Enterprise Data in Cloud



Source: Ponemon Institute

8%

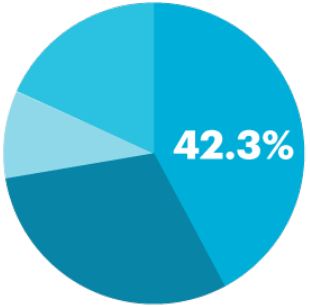
of files in sanctioned cloud storage services trigger a DLP violation



Source: Netskope Cloud Report

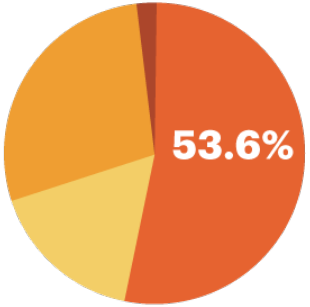
CLOUD DLP VIOLATIONS BY:

CATEGORY



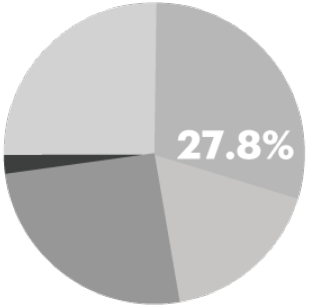
Webmail **42.3%**
Cloud storage **30.0%**
Collaboration **9.5%**
Other **18.2%**

ACTIVITY



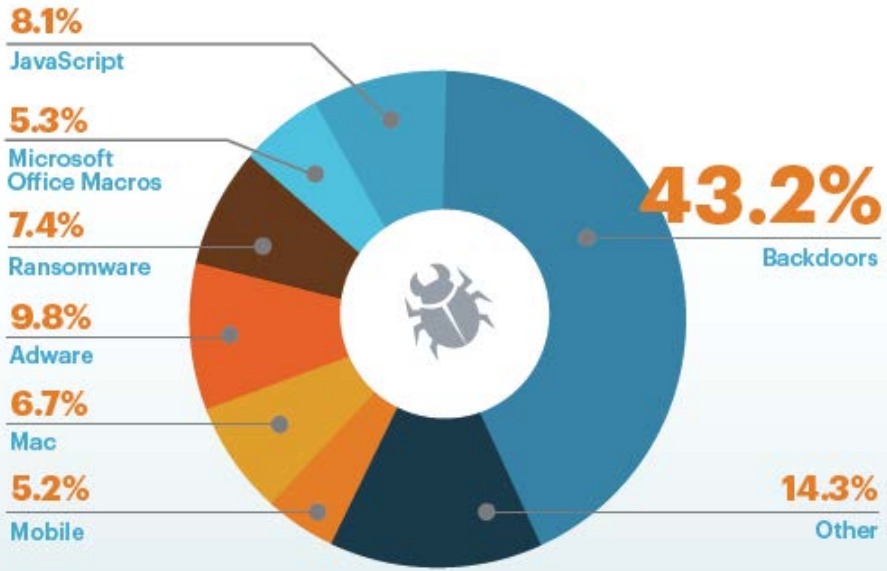
Upload **53.6%**
Send **16.6%**
Download **28.0%**
Other (including View) **1.8%**

TYPE



PII **27.8%**
PHI **19.8%**
Source Code **25.4%**
PCI **1.5%**
Other (including Confidential and Profanity) **25.5%**

The Rise of Cloud Threats



23
average pieces of malware in enterprises

26.5%
of malware-infected files shared with others, including internal or external users or publicly

Cloud Access Security Broker

The Four Pillars of CASB

VISIBILITY	**COMPLIANCE**
DATA SECURITY	**THREAT PROTECTION**

"CASB is a required security platform for organizations using cloud services."

Gartner

Market Guide for Cloud Access Security Brokers

22 October 2015 | ID:G00274053

Analyst(s): Craig Lawson, Neil MacDonald, Brian Lowans

Summary

The cloud access security broker market is rapidly evolving, with ven
providing a wide range of security features and multiple delivery opti
is a required security platform for organizations using cloud services
security leaders should use this research to shortlist CASB providers

Overview

Key Findings

- The cloud access security broker market has evolved rapidly since

Gartner’s Top 10 Security Technologies List - 2017

Cloud Access Security Brokers

Cloud Workload Protection Platforms

Container Security

Deception

Endpoint Detection and Response

Managed Detection and Response

Microsegmentation

Network Traffic Analysis

OSS Security Scanning and Software Composition Analysis for DevSecOps

Remote Browser

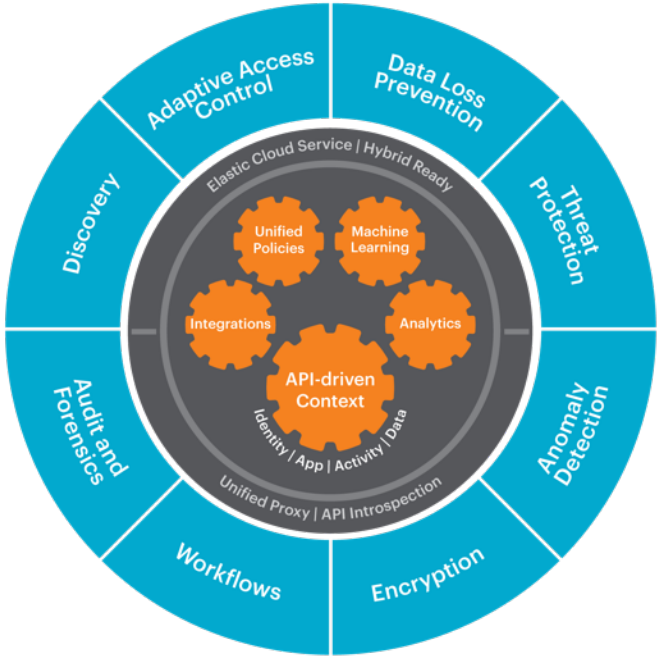
Software-Defined Perimeters

USERS

ACCESS
(Browser, mobile app, sync client)

REMOTE
(Airplanes, coffee shops, etc.)

ON-PREMISES
(HQ, Branch office)

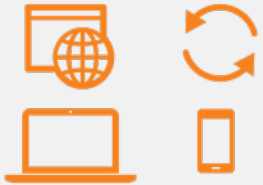


SaaS | IaaS | PaaS

Sanctioned or Unsanctioned

USERS

ACCESS
(Browser, mobile app, sync client)



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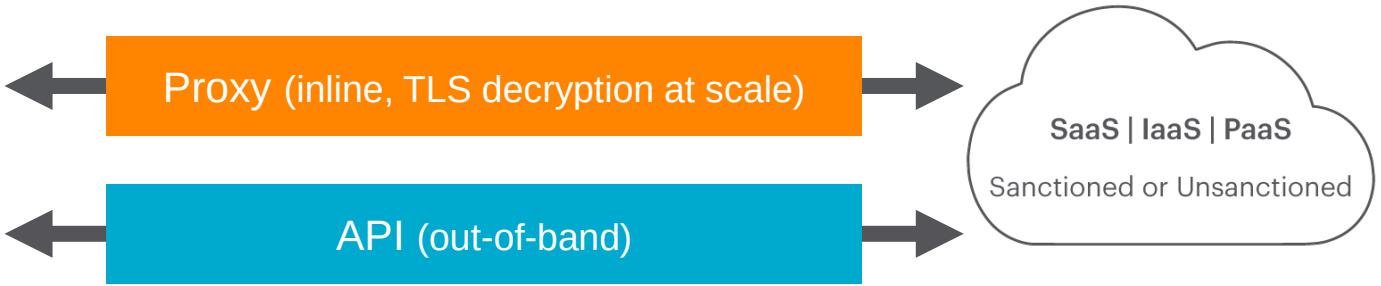

Use Cases

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Thank you!