

# ***RADPOINT SECURITY SUMMIT***

## ***SECURELY ENABLING SAAS ADOPTION***

EMEA APERTURE TEAM:

Jason Montgomery (Monty) – EMEA MANAGER

Ronald Den Braven (Ronnie) – EMEA CE



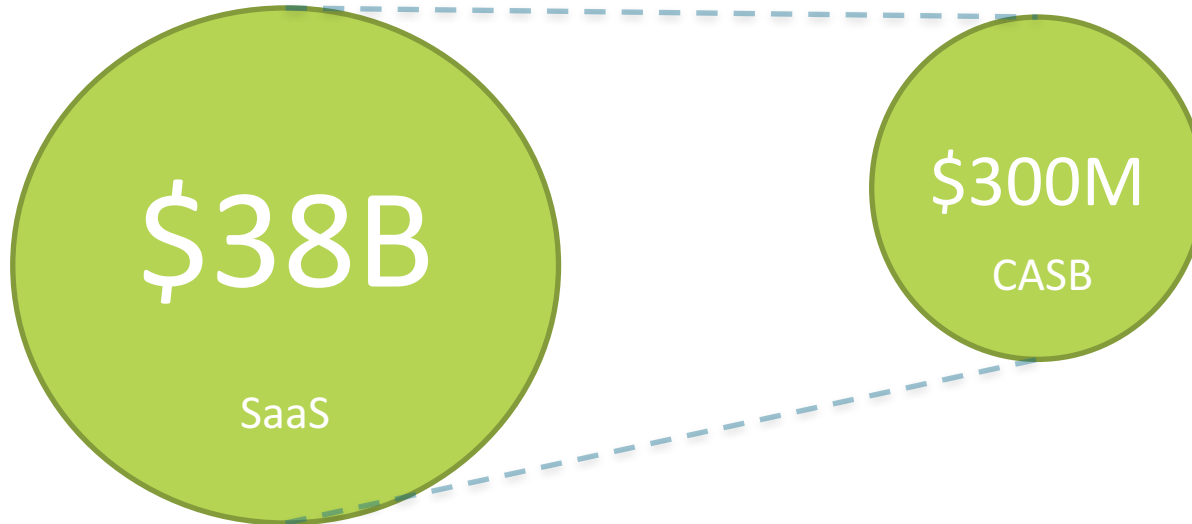
# Agenda

- CASB Market Overview
- Common SaaS Risks and Customer Challenges
- Traditional CASB Approach: Challenges & Required Investment
- Aperture & Our Fully Integrated Platform
- Aperture Supported Applications & Data Privacy
- Aperture Demo
- Q & A

# Market Opportunity

Only 5% of large organizations now use CASB products, but that will grow to 85% by 2020, says market research firm Gartner

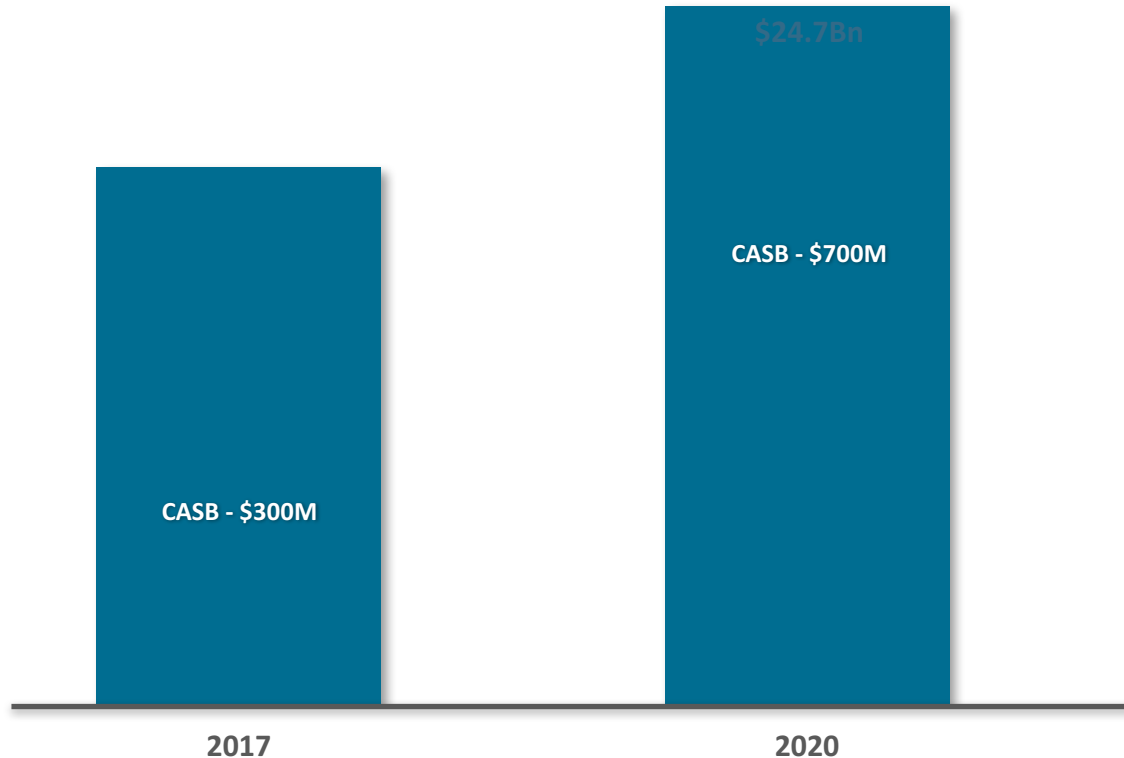
# Cloud Access Security Broker (CASB) Market Opportunity - 2017



<10% SaaS customers have purchased a CASB product

Source: Gartner Worldwide Public Cloud Services Forecast January 2016, Palo Alto Networks Market Forecast

# TAM 2017 – 2020 - CASB



Sources: IDC, Worldwide Network Security 2016–2020 Forecast, September 2016  
IDC, Worldwide Web Security 2016–2020 Forecast, December 2016  
IDC, Worldwide Enterprise Endpoint Security 2016–2020 Forecast, October 2016

# ***COMMON SAAS RISKS***



**MALICIOUS  
OUTSIDER**

59%



**ACCIDENTAL  
DATA EXPOSURE**

23%

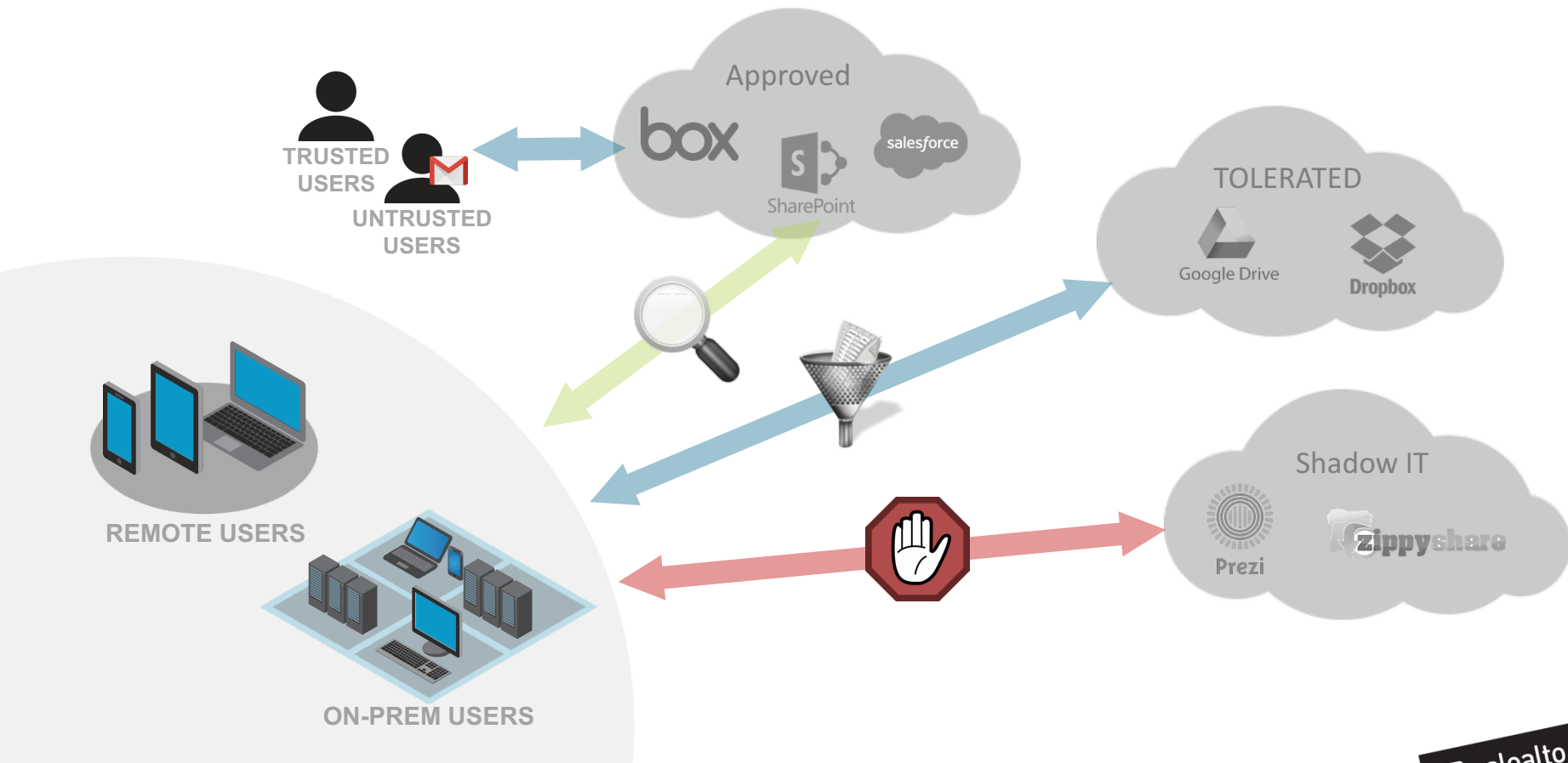


**MALICIOUS  
INSIDER**

14%

SOURCE OF BREACH DATA – 2013-2017 – [breachlevelindex.com](https://breachlevelindex.com)

# SAAS USAGE MUST BE MONITORED & CONTROLLED

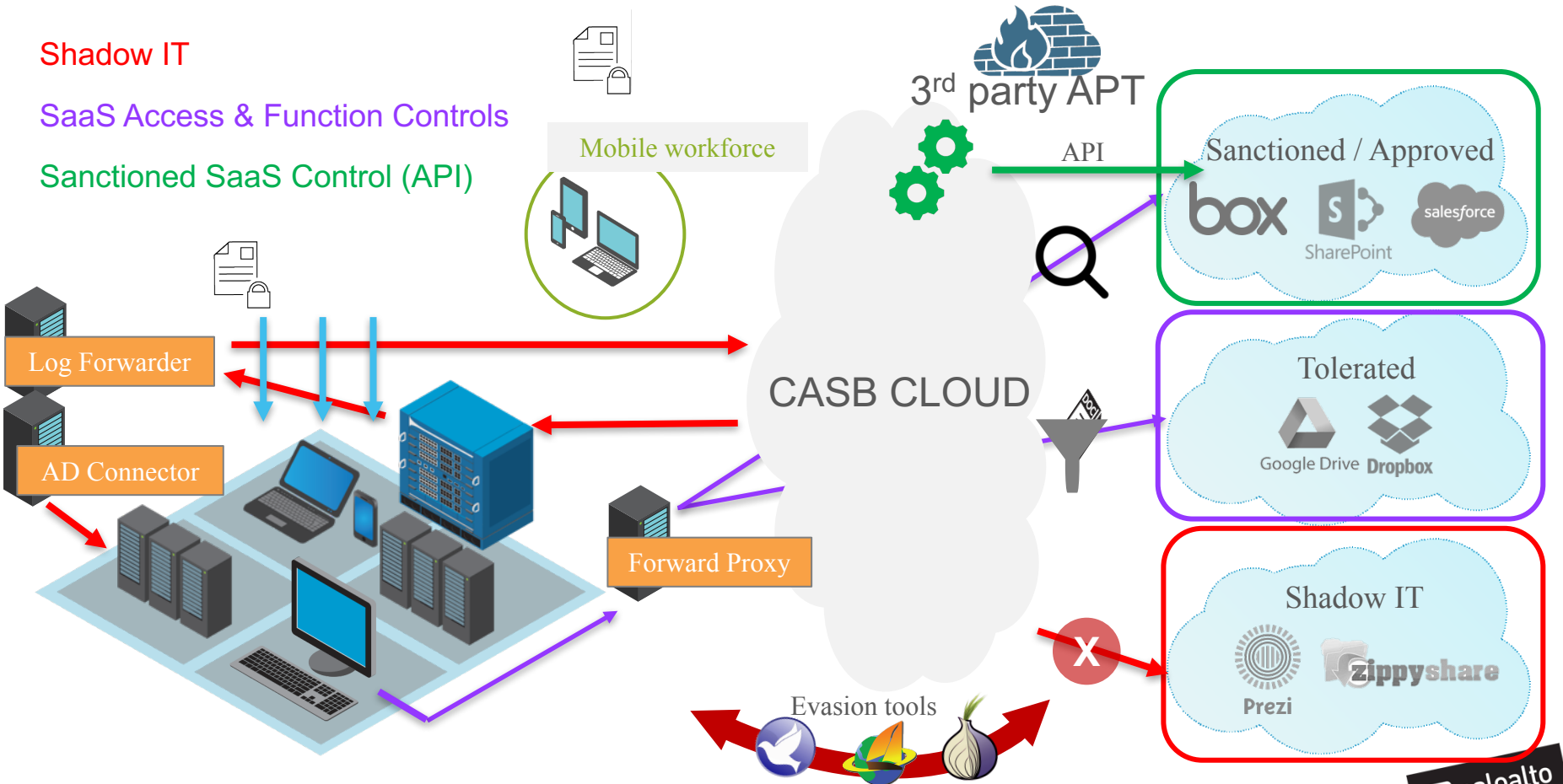


# OVERLAY APPROACH IS INSUFFICIENT AND DOES NOT SCALE

Shadow IT

SaaS Access & Function Controls

Sanctioned SaaS Control (API)



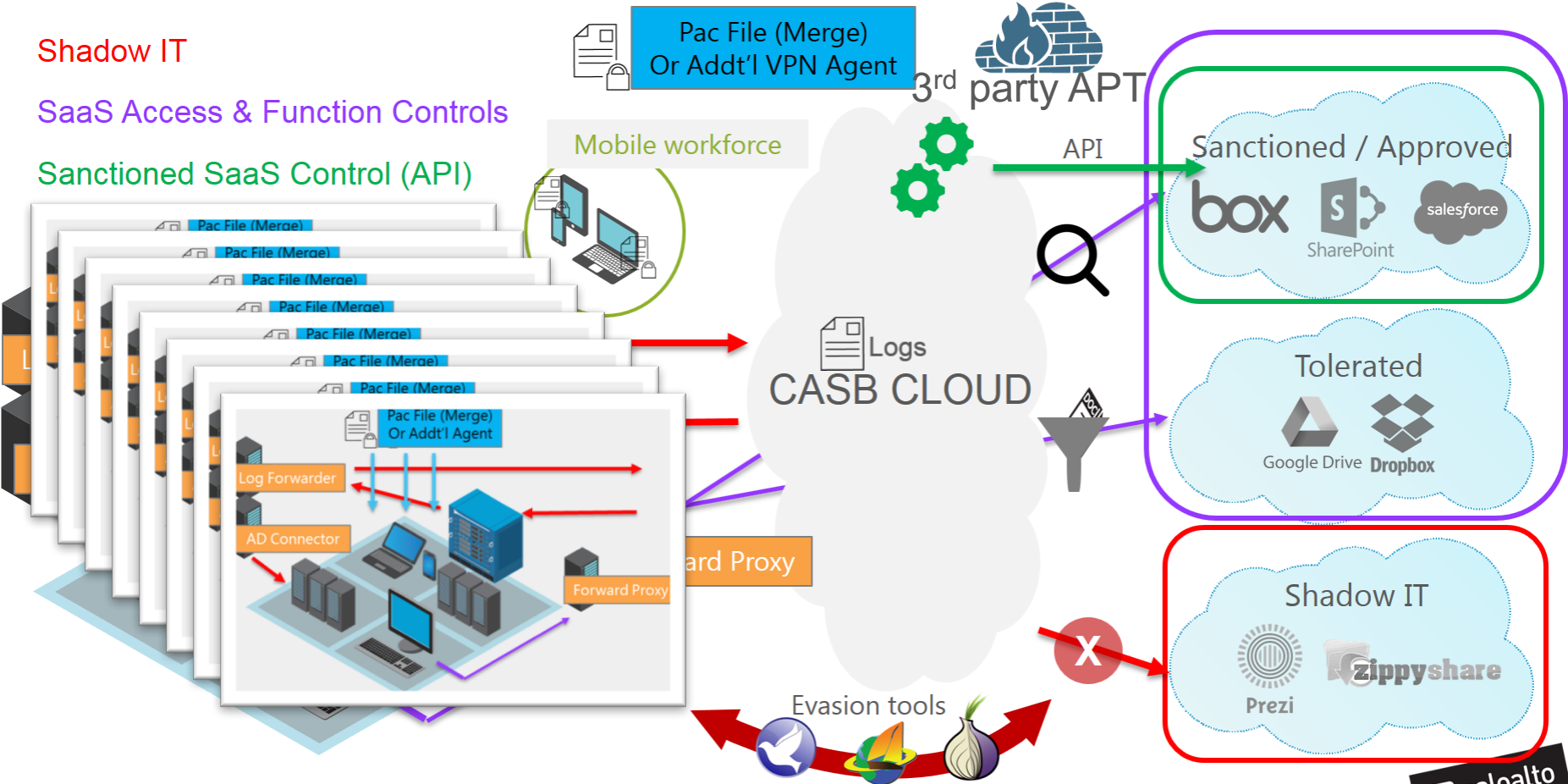


# OVERLAY APPROACH IS INSUFFICIENT AND DOES NOT SCALE

Shadow IT

SaaS Access & Function Controls

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# Palo Alto Networks – Simple, Consistent, Integrated & Orchestrated

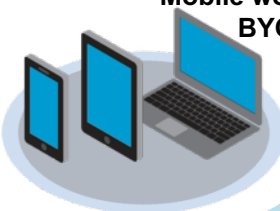
Shadow IT

SaaS Access & Function Controls

IAAS / Sanctioned SaaS/ Control (API)

Known/Unknow Threat Prevention

Mobile workforce /  
BYOD



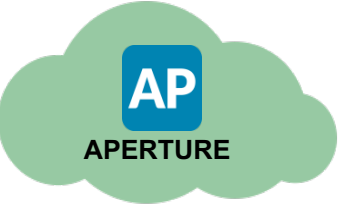
Office Locations



GlobalProtect  
Cloud Service





NGFW











AP  
APERTURE

IAAS/PAAS



Sanctioned / Approved





WildFire

Tolerated



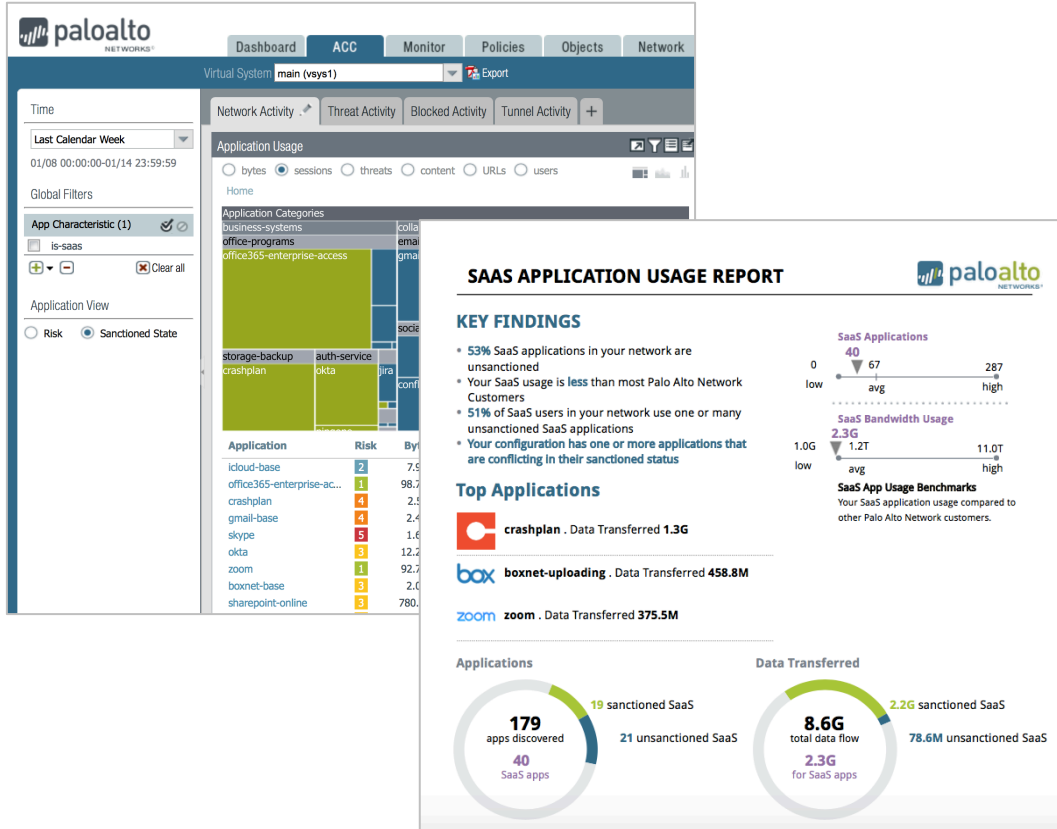
Google Drive Dropbox

Shadow IT



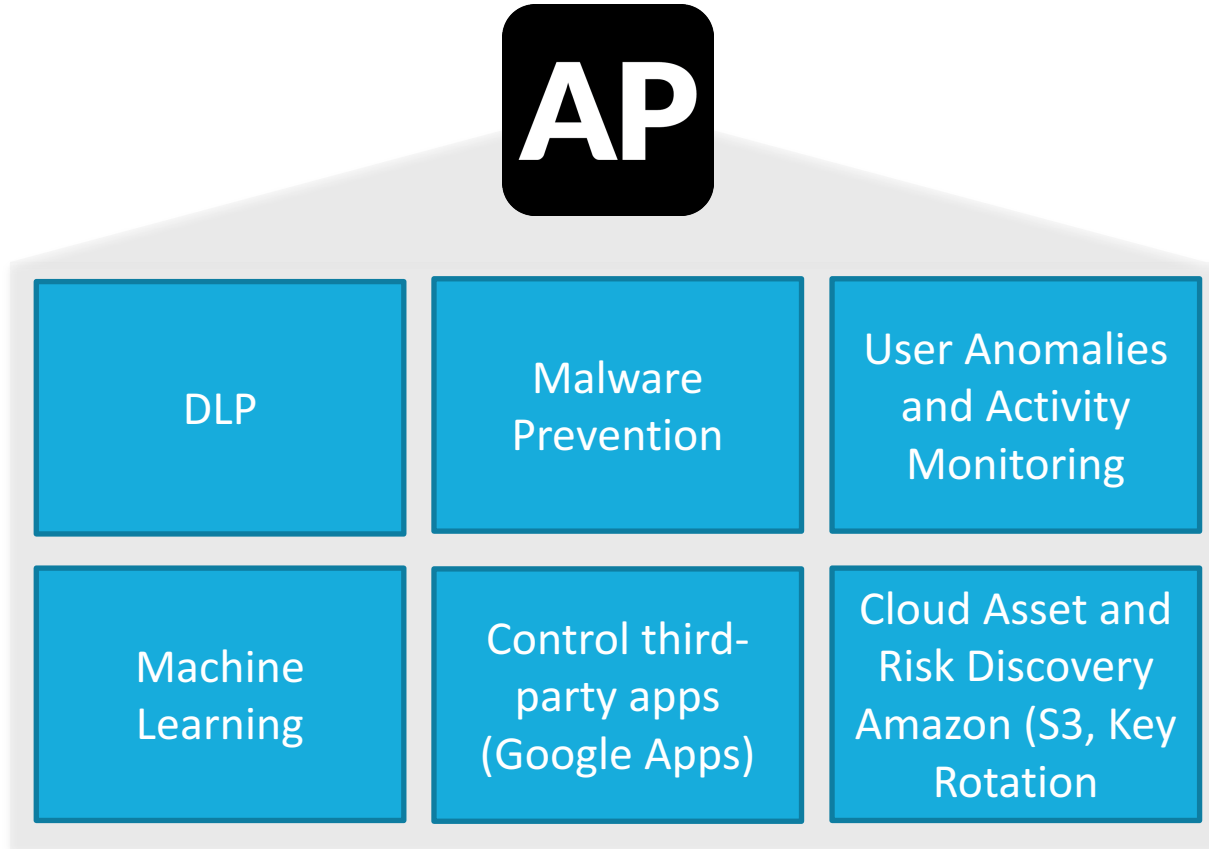
Prezi zippyshare

# EFFECTIVELY UNDERSTAND SAAS USAGE



- Easy-to-navigate SaaS Dashboard
- View apps by risk or sanctioned state
- Create targeted reports based on user groups and zones
- Summarize SaaS application usage by group
- Builds on existing PAN-OS 7.1 SaaS reports
- Leverage full functionality with Panorama without PAN-OS upgrade

# APERTURE SAAS SECURITY COMPONENTS



# ***ARE NATIVE SECURITY CONTROLS SUFFICIENT?***

June 2017

## **Faulty AWS S3 Configuration Exposes Personal Data of 198M U.S. Voters**

### **What happened?**

- Unsecured Amazon S3 bucket
- 1.1 TB of personal voter data including names, addresses etc

# Global Availability & Industry Leading App Support



EXCHANGE ONLINE      SHAREPOINT ONLINE      ONEDRIVE FOR BUSINESS      YAMMER      BOX.COM      GOOGLE DRIVE      Gmail      G SUITE      EC2 / IAM      CONFLUENCE



AMAZON S3      GITHUB      SLACK      CITRIX SHAREFILE      JIVE      SERVICENOW      @workplace by facebook      SECURE DATA SPACE      SFDC      DROPBOX



AMERICAS



EMEA



APAC



# Q & A



# DEMO

