CLOUDGUARD SAAS
SAAS SECURITY IS **ONE CLICK AWAY**

AVAILABLE: May 18’
THE CASE OF KAYE FINANCIALS

Kaye moved its email to the cloud
Customers received email invoices with fake bank accounts
Emails were sent by hackers who took over an email account

$2M Stolen
70% OF ENTERPRISES ADOPTED CLOUD APPLICATIONS*

ARE WE SECURED?

*Gartner
SaaS Applications are Hacked

FORTUNE

Deloitte Gets Hacked: What We Know So Far

INDEPENDENT

Parliament hit by cyber attack as hackers attempt to access MPs' email accounts

Hackers launch 'sustained and determined attack' on all parliamentary user accounts

Lizzie Dearden | @lizziedearden | Saturday 24 June 2017 15:45 BST | 199 comments
90% of SaaS breaches are caused by hacking.
50% of the breaches are through account takeover.

Source: Check Point Q1-3-2017 Incident response Statistics, n=250, cloud = 55%
#1 SaaS Security Need

ADVANCED THREAT PREVENTION
INTRODUCING CLOUDGUARD SAAS

THE ONLY SECURITY SOLUTION TO PREVENT CYBERCRIMINALS FROM HACKING SAAS APPLICATIONS

AVAILABLE : May 18’
New Cloud Service Protects Enterprise SaaS Apps
SAAS SECURITY IS ONE CLICK AWAY
HOW IT WORKS

SAAS PROVIDERS

Office 365

Box

Google Suite

API & AD

SECURITY STACK

CloudGuard SaaS

Prevent Account Takeovers

SandBlast Zero-day Threats Prevention

Data Leak Protection

Documents encryption

Reveal Shadow IT

Security Gateway

[Protected] Distribution or modification is subject to approval
CLOUDGUARD SAAS
THREAT PROTECTION

Prevent malware and zero-day threats from getting into SaaS apps

Block phishing emails for Office365 and Gmail
AWARD-WINNING
THREAT PROTECTION
TECHNOLOGY

Threat Emulation
The only evasion resistant
CPU-Level sandbox

Threat Extraction
Proactive prevention
through file sanitation

Anti-Virus
Protection against known
malware

Anti Phishing for Email
Advanced protection
of user emails

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THREAT PREVENTION
FOR SAAS APPS
HOW IT WORKS

• Attackers share or email data
• Insider shares or emails sensitive data
• Detected content is quarantined, un-shared or encrypted
• The solution is deployed as an add-on to the SaaS application
CLOUDGUARD SAAS
IDENTITY PROTECTION

ID-Guard technology identifies imposturous access

Blocks unauthorized users and devices, on mobile and PCs

[Protected] Distribution or modification is subject to approval
ACCOUNT TAKEOVER
HOW IT WORKS?

• Attacker uses phishing, password spraying, or malware to steal credentials
• Attacker authenticates against an Identity Federation Service

Hacker

Accesses App

Stolen credentials

Identity Server
ADFS, AzureAD, Okta

[Protected] Distribution or modification is subject to approval
PREVENT ACCOUNT TAKEOVER WITH CLOUDGUARD SAAS IDENTITY PROTECTION

• Only users and devices with InfinityID endpoint agent can login
• Malicious login prevented even if the hacker has correct credentials
• No user involvement
PREVENT ACCOUNT TAKEOVER WITH CLOUDGUARD SAAS

IDENTITY PROTECTION

Network Only Mode

- Collects network intelligence from on premise devices, Threat Cloud and SaaS
- Prevents suspicious logins
  Example: seen in two locations, bad source IP reputation
CLOUDGUARD SAAS
DATA PROTECTION

Block sharing of sensitive data and files

Force encryption of sensitive data

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DATA PROTECTION FOR SAAS APPS
HOW IT WORKS

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• Insider shares or emails sensitive data
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API: New File Detected
Unshared file

CloudGuard SaaS

Scan File
Found a sensitive financial report

Data Leak Prevention

Employee Shares sensitive content
Sync policies between gateways, mobile, and CloudGuard SaaS

Unify management across gateways, endpoints, and Cloud
CLOUDGUARD SAAS
END-TO-END SECURITY

• On premise security gateways report employees behavior & location
• IP reputation intelligence feeds cross Check Point customers
• Mobile/PC endpoint suites detect malware and OS exploits to condition SaaS access
• Shadow IT reporting with Check Point smartEvent and AppControl

INFINITY

Shared intelligence and threat prevention across networks, mobile, cloud
One unified system to fully block the attack
PROTECT A MULTITUDE OF SAAS APPS WITHIN MINUTES
ADD NEW SAAS APPLICATIONS

Office 365  
box  
salesforce  
+
CLOUDGUARD SAAS
SAAS SECURITY IS ONE CLICK AWAY
SUMMARY

SAAS ATTACKS ARE HAPPENING AS WE SPEAK

CLOUD APPS ARE AT RISK DUE TO ADVANCED EXTERNAL THREATS, AND ACCOUNT TAKEOVER

CLOUDGUARD SAAS – THE ONLY PREVENTIVE SECURITY SOLUTION FOR ALL CLOUD APPLICATIONS
THANK YOU