



Trellix

Collaborate with Ease Across All Applications Without Sacrificing Security

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- Skyhigh Security Vision and Platform overview
- Skyhigh & Trellix ePO Integrations / DLP
- Advanced Threat Defense with Skyhigh Web & Trellix IVX
- Skyhigh SSE & Trellix Hellix (XDR) Integration
- Conclusion / Q&A

Skyhigh Security Journey



2021

STG acquired McAfee Enterprise and FireEye

Symphony Technology Group (STG)

McAfee™ FIREEYE™

2022

Two separate entities, creation of Skyhigh Security and Trellix

Symphony Technology Group (STG)

Skyhigh Security **Trellix**

2024

Next Evolution of Skyhigh Security

Skyhigh Security

Pedigree of 20+ years
3000+ customers
Market Leading Technology

Skyhigh Security Mission



Our Mission

We protect all of an organization's data, regardless of where it resides, against both internal and external threats.

We go beyond data access and focus on data use, allowing organizations to securely connect and collaborate from any device and from anywhere.



By 2026 –

85% of organizations seeking to secure their Web, SaaS and Private Applications will obtain the security capabilities from a security service edge (SSE) offering.

45% of organizations will prioritize advanced data security features for inspection and protection of data at rest and in motion as a selection criterion for SSE.

—2024 Gartner® Magic Quadrant™ for Security Service Edge



Skyhigh Security Service Edge (SSE) Portfolio

SWG



Skyhigh
Secure Web Gateway

CASB



Skyhigh
Cloud Access Security Broker

ZTNA



Skyhigh
Private Access (ZTNA)

DATA PROTECTION



Skyhigh
Cloud Platform

Advanced Data Loss Prevention · Intuitive Dashboard · Remote Browser Isolation
Unified Policy Management · Unified Threat Prevention · Unified Incident Management

100+ Points of Presence Globally



Our Differentiation



- ① Unified Data Protection & Most Advanced DLP Techniques
- ① Flexible Deployment SWG (On-prem, Hybrid, Cloud)
- ① Best-in-Class Malware Protection
- ① Industry's Largest CASB API coverage
- ① Single Converged Platform
- ① Wide ecosystem of Enterprise Integrations

Security and Performance at Scale



8.6B+

Shadow Events
Monitored Every Day



100+

Cloud-Native Security
Points of Presence
Worldwide



230M+

Files Scanned Every Day



2B+

Sanctioned Events
Monitored Every Day

Validated By Analysts

Skyhigh Security Named “Visionary” - 2 Years in a Row

Gartner

2024 Gartner® Magic Quadrant™ for Security Service Edge



Gartner

2024 Gartner® Critical Capabilities for Security Service Edge

#1 in “Protect Data” Use Case

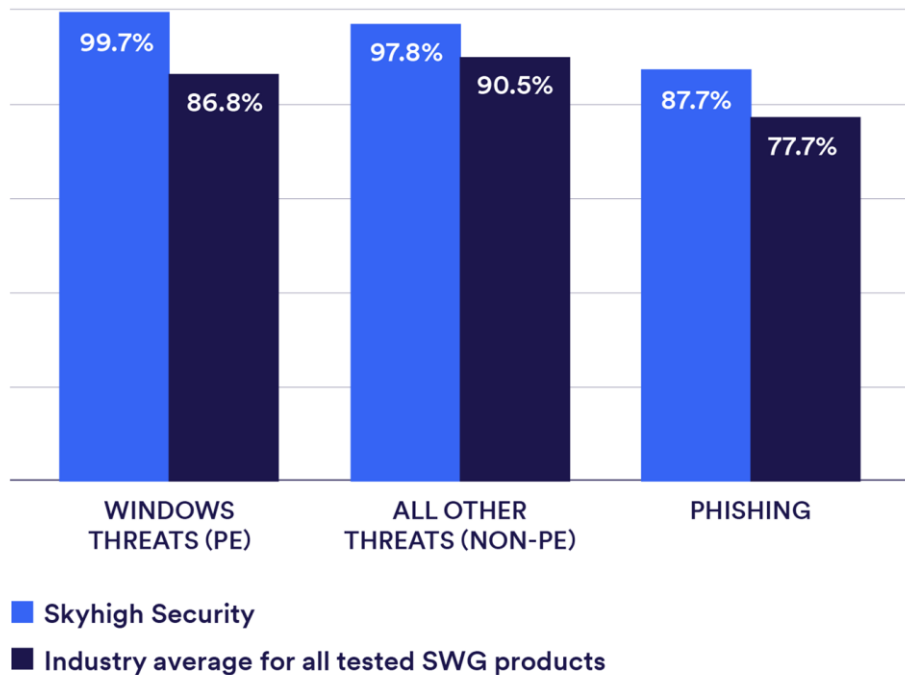
#1 in 4 out of 10 Critical Capabilities

- Visibility and Control of activities
- Data Security
- SSPM
- Enterprise Integration

Validated by Industry Experts



Skyhigh Beats the Average in All Test Categories



Considering all the results of the products tested by AV-TEST, Skyhigh is among the top performers in that product category and offers strong protection against the used test cases.

AV-TEST: Evaluation of Skyhigh SSE, November 2023

Recognized by Industry



2024 GLOBEE® Awards
for Cybersecurity



2024 Cloud Security
Awards



2024 Constellation
ShortList™ for SSE Q1



2024 CRN Coolest
Cloud 100 List



2024 CRN Hottest
Cloud 100 List



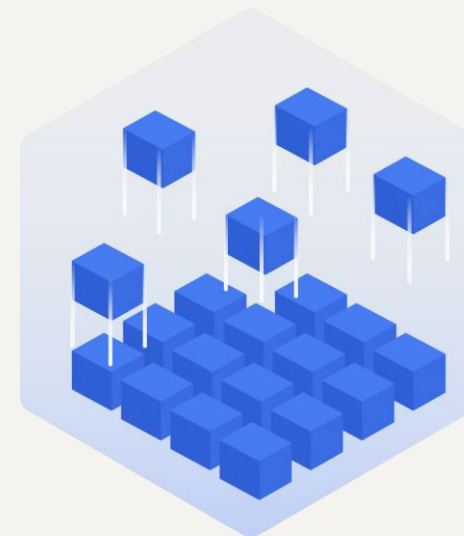
2024 BIG Innovation
Award



VISIBILITY
Shadow IT



PROTECTION
DLP and Content



OPTIMIZATION
Ease of use and
Detection

Trellix



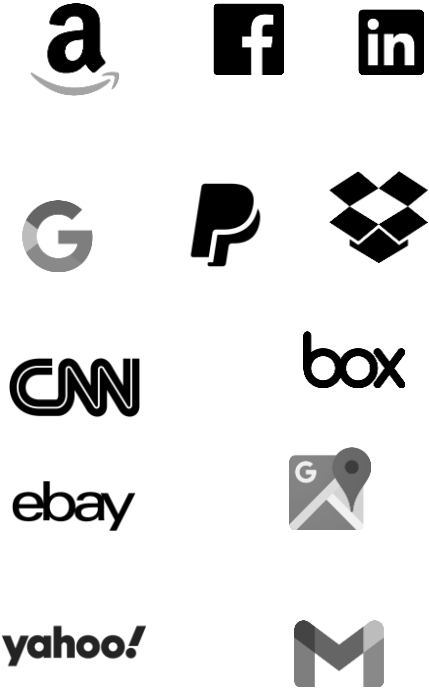
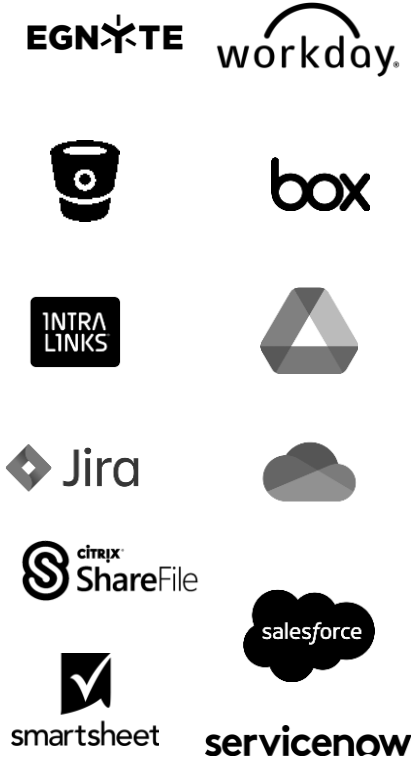
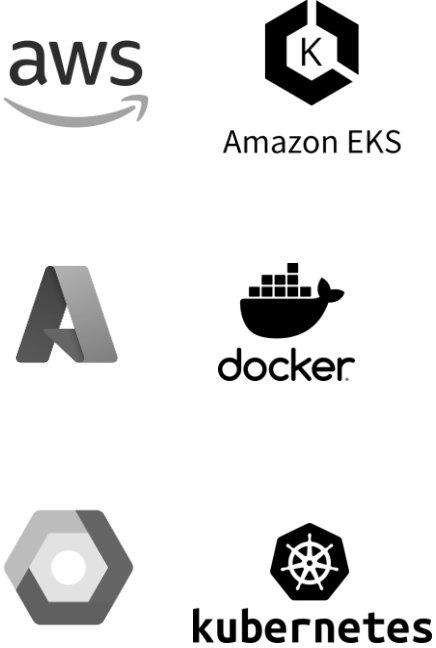
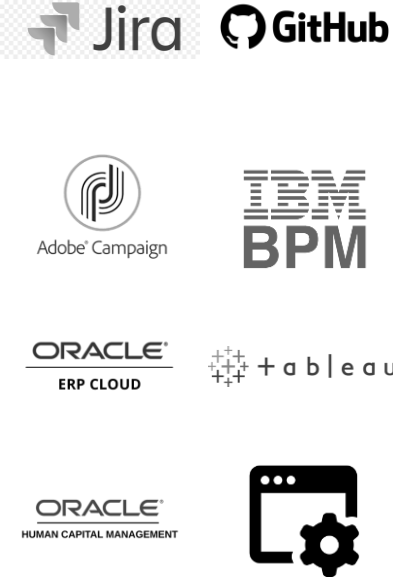
Skyhigh/Trellix ePO Integrations / DLP

Boubker El Mouttahid

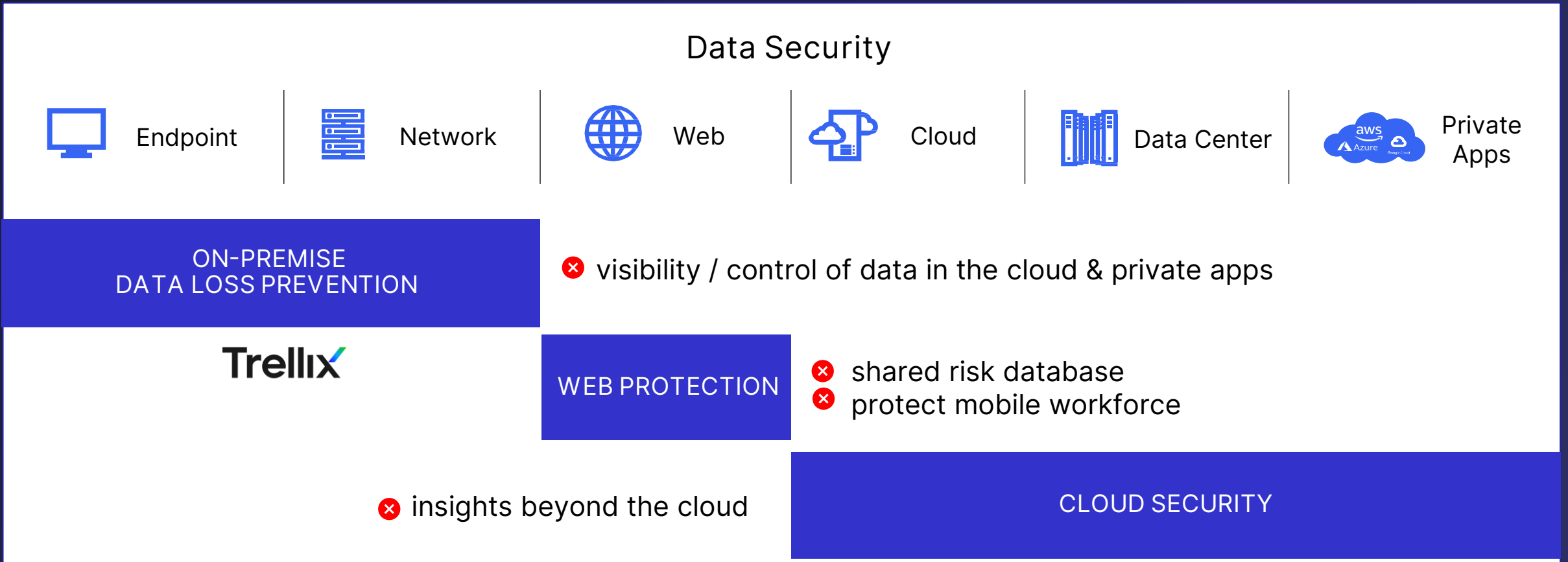
Global Technical Director, Skyhigh
Security

Data isn't just on endpoints anymore

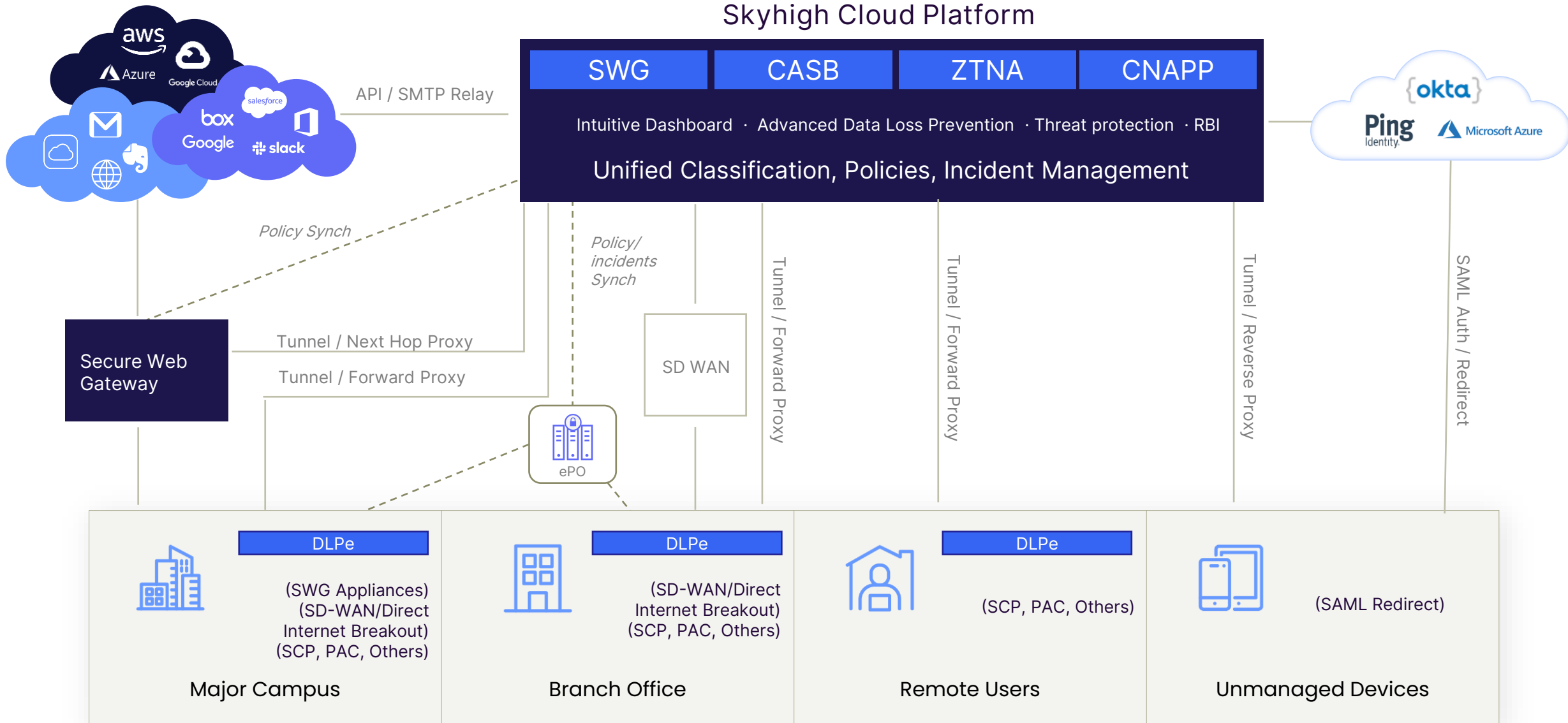


Shadow Apps	Sanctioned Apps	IaaS / PaaS / Containers	Private Apps
			

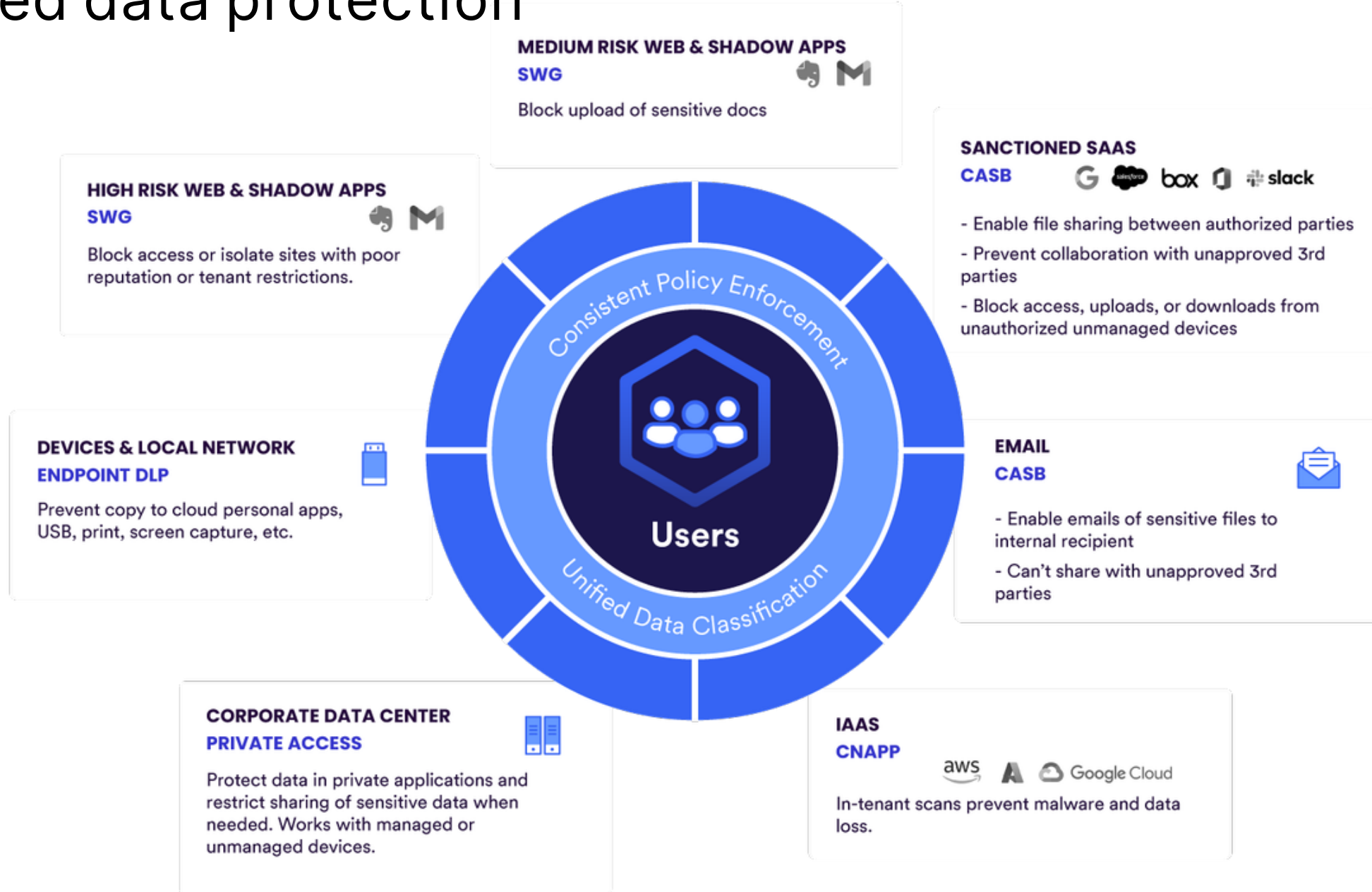
Point solutions create security gaps



Our unified DLP architecture



Unified data protection



Skyhigh / Trellix DLP integrations: Classifications



- Unified data classification
- DLP Data classifications created in Trellix on-prem ePO can be used in SSE policies (CASB, SWG, RBI, ZTNA)

The screenshot shows the 'Create a DLP Policy' interface in the Trellix console. The main window is titled 'Rules for Australian PII' and is in the 'Rules & Exceptions' step of a four-step process. A modal window titled 'Select Classification' is open, showing a list of classifications. The 'Service' dropdown is set to 'Trellix'. The 'Classification' dropdown is set to 'Select Classification', and the list below it includes 'ABA Routing Number', 'AWS Keys', 'Australian PII' (highlighted), 'Austrian PII', 'Belgian PII', 'Brazilian PII', 'Bulgarian PII', and 'CUSIP'.



Skyhigh / Trellix DLP integrations: Incidents

- Unified Incidents

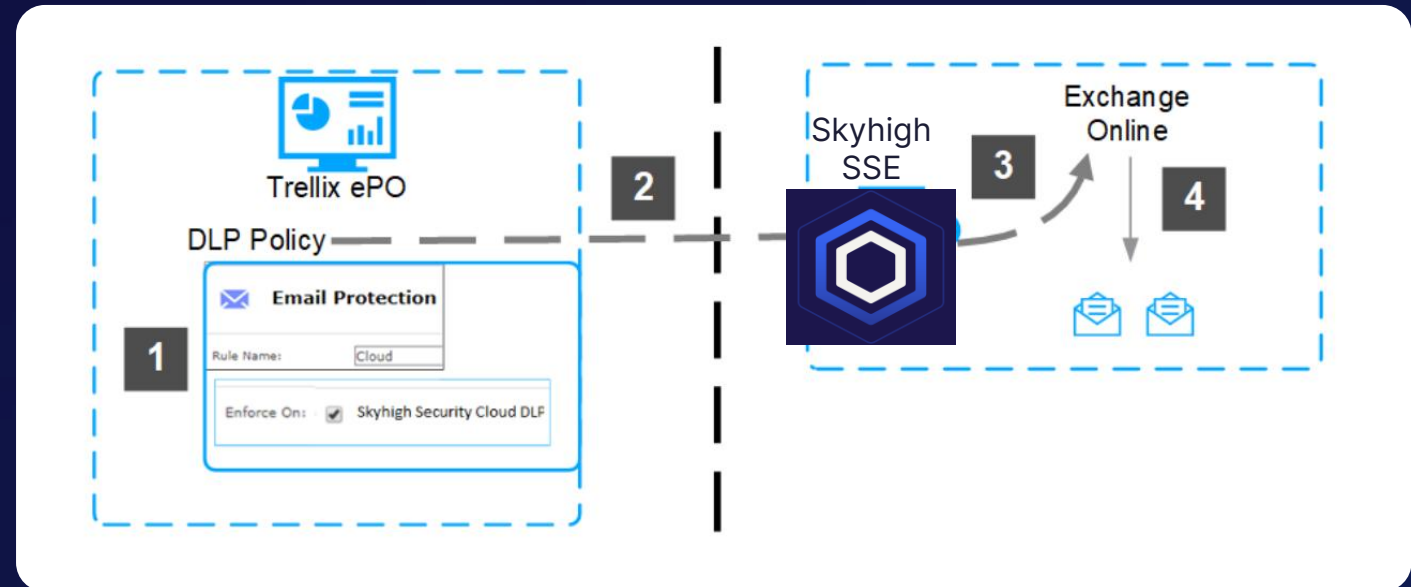
All Web, ZTNA and CASB Incidents can be shown in Trellix on premise / Cloud ePO ePO

The top screenshot displays the Trellix Incident Management interface. It features a 'Filter By' sidebar on the left with options for Severity (Critical, Major, Minor), Status (New, Suppressed, Resolved), Resolution (None), Incident Type (Cloud, Web), Classification (pci, aws keys), and Users. The main area shows a table of incidents with columns: Occurred, Incident Type, User, Status, Action Taken, Destination, Rules, Classifications, and Detected By. The bottom screenshot shows a detailed view of an incident (ID 62171). It includes tabs for 'Incident Details' and 'Evidence Details'. The 'Evidence Details' tab shows a file named 'CustomersForProcessing_50_records.pdf' with a size of 51.854 KB and 50 matches. The 'Incident Details' tab shows information such as Incident type (Cloud), Action taken (Quarantine), Severity (Critical), Status (Suppressed), Resolution, User (suopas_detchwilairuang@okta.s...), System (0.0.0.0), and Reviewer.

Apply a Trellix email DLP policy to Exchange Online using Skyhigh



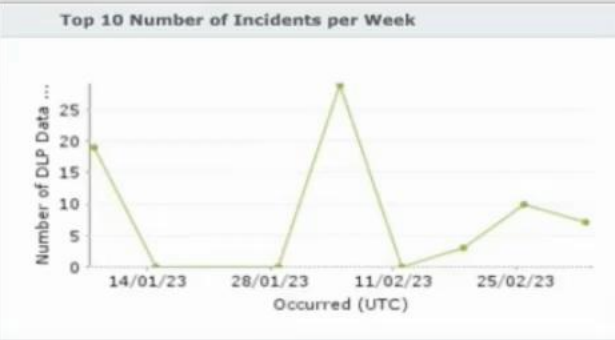
- The Trellix DLP administrator creates a DLP policy with email rules and associated Skyhigh Security Cloud reactions
- The Trellix DLP administrator applies the Trellix DLP policy to Skyhigh Security Cloud.
- The Skyhigh Security Cloud administrator enables DLP policy for Exchange Online within the Skyhigh Security Cloud UI.
- The DLP Policy is applied to Exchange Online content in the customers connected account.



Data Protection
DLP Incident Manager

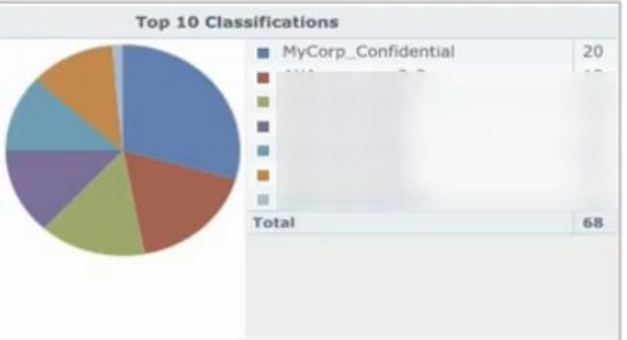
Analytics Incident List Incident Tasks Incident History

Present: Data in-use/motion Filters: Rule Set No Filter Incident Type No Filter User No Filter Time Occurred No Filter Destinations No Filter Classifications No Filter Clear Filters



Top 10 Destinations

Destination	Number of DLP Data In-use/motion Incidents :
onedrive	52
sharepoint	11
chrome.exe	2
notepad.exe	2
firefox.exe	1
Total	68



Matching 68 out of 68 events

Incident ID	Reporting Product	Occurred (UTC)	Severity	Incident Type	User Principal Name (u	User Logon Name (dor	Computer Name	Actual Action	Rules	Rule Sets	Classifications	Destination
64 (in use)	DLP for Windows	05 March 2023 15:05:	Major (3)	Clipboard Protection	joe.smith@corp.amazc	CORP\joe.smith	WSAMZN-UV03KL70	Block	Block Risky Clipboard :	Endpoint DataProtectic	MyCorp_Confidential (:	firefox.exe

Actions 68 items

Install the Client Proxy extension on Trellix ePO on-premise



The screenshot displays the Trelix Policy Catalog interface for configuring the Client Proxy extension. The left sidebar shows the navigation menu with 'Client Proxy Settings' selected. The main content area is divided into two sections: 'Client Proxy Settings' and 'Client Configuration (*)'.

Client Proxy Settings:

- Proxy Servers (*):** A table with columns for 'Proxy Server Address (IP or Hostname)' and 'Proxy Port'. One entry is visible: 'c1200508313.wgcs.skyhigh.cloud' with port '8080'.
- Client Configuration (*):** Radio buttons for connection logic: 'connect to the first accessible Proxy Server based on their order in the list' (selected) and 'connect to the Proxy Server which has the fastest response time'.
- Proxy Server List:** A table with columns for 'Proxy Server Address (IP or Hostname)' and 'Proxy Port'. It is currently empty.
- Enable Auto proxy switch over for Primary Proxy:** A checkbox that is unchecked.
- Polling interval (in Seconds):** A text input field containing '10'.
- Block Traffic options:** Three checkboxes: 'Block Traffic on configured Ports if none of the Primary Proxy servers is reachable', 'Block Traffic on configured Ports until SCP is Ready', and 'Block Traffic when Mutual Authentication with Primary Proxy Failed'. All are unchecked.
- Ports 80 and 443:** A note stating 'Ports 80 and 443 are always handled as HTTP/HTTPS. Specify additional ports that you would like to redirect as HTTP/HTTPS traffic:' followed by an empty text input field. An example '8080, 3192' is provided below.

Client Configuration (*):

- Customer Identifier:** Includes a 'Choose File' button (No file chosen), a 'Unique Customer ID' field (1200508313), and a 'Shared Password' field (masked with asterisks).
- Apply Policy From Skyhigh SSE:** A checked checkbox. A note states: 'Selecting this option enforces SCP to download policy from SSE Cloud. Once the policy is downloaded from SSE Cloud and applied successfully, SCP will no longer accept policies from ePO.'
- Secure Channel for Cloud Proxies:** Includes a checked 'Enable Secure Channel' checkbox and a 'Select Port' dropdown menu with '8081' selected and '443' as an alternative. Below are radio buttons for 'Block Connection' (unchecked) and 'Allow Connection without Secure Channel' (selected), along with a checked 'Validate Against Certificate Store' checkbox and an unchecked 'Block If Validation Failed' checkbox.
- Traffic Redirection Settings:** A note: 'SCP will redirect network traffic to proxy servers in the following environments:'. Radio buttons for 'Redirect network traffic when computer is not connected to corporate network and not working through VPN' (unchecked) and 'Always redirect network traffic to proxy servers' (selected). A note below states: 'Note: always redirecting network traffic will override the below Corporate Network and VPN Detection settings'.
- Corporate Network Detection:** Includes a note: 'Detect if SCP is inside the corporate network:'. Radio buttons for 'by testing connectivity to ePO' (selected) and 'by testing connectivity to any of the following corporate servers:'. Below is a table for corporate servers:

Server Address (IP or Hostname)	Server Port	Actions
---------------------------------	-------------	---------

Trellix



Advance Threat Defense Skyhigh
Web / CASB + Trellix IVX

Proven technology to address three distinct use cases

IVX for Products

Targeted for Trellix Appliances

- MVX detection created the sandbox market. Detection is our founding competency
- Flexible deployment options that scale for scanning throughput with Network Security, Email Security, Endpoint, etc.
- Clustered architecture instrumented for 200 potential simultaneous executions
- **Product: Trellix IVX**

IVX for Investigators

Targeted for the SOC

- Used during investigative workflows
- Detonate suspicious content
- Reverse engineer malware
- **Product: Trellix Malware Analysis**

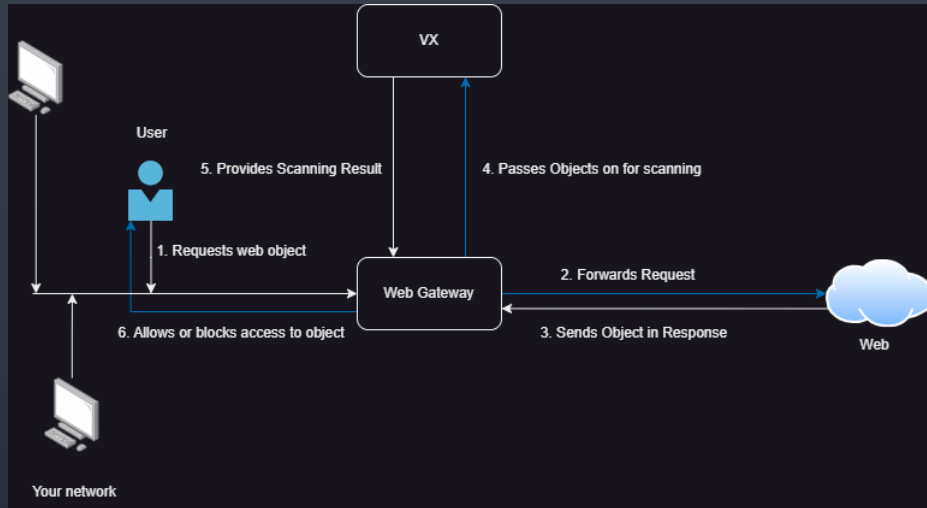
IVX for Collaboration Security

Targeted for Enterprise Applications

- Organizations focused on digitizing their extended enterprise value chain
- Integrates with enterprise applications
- Mitigate the risk of working with external organizations and vendors
- **Products: Trellix IVX Cloud
Trellix File Protect**

3rd Party Integrations: Trellix IVX

Skyhigh SWG for On-Prem and SWG for Cloud



Trellix

SWG for
On-Prem

Q3, 2023



IVX
Appliance

SWG
for Cloud

Q3, 2024



IVX
Cloud

Adds support for new Trellix IVX Appliances and IVX Cloud

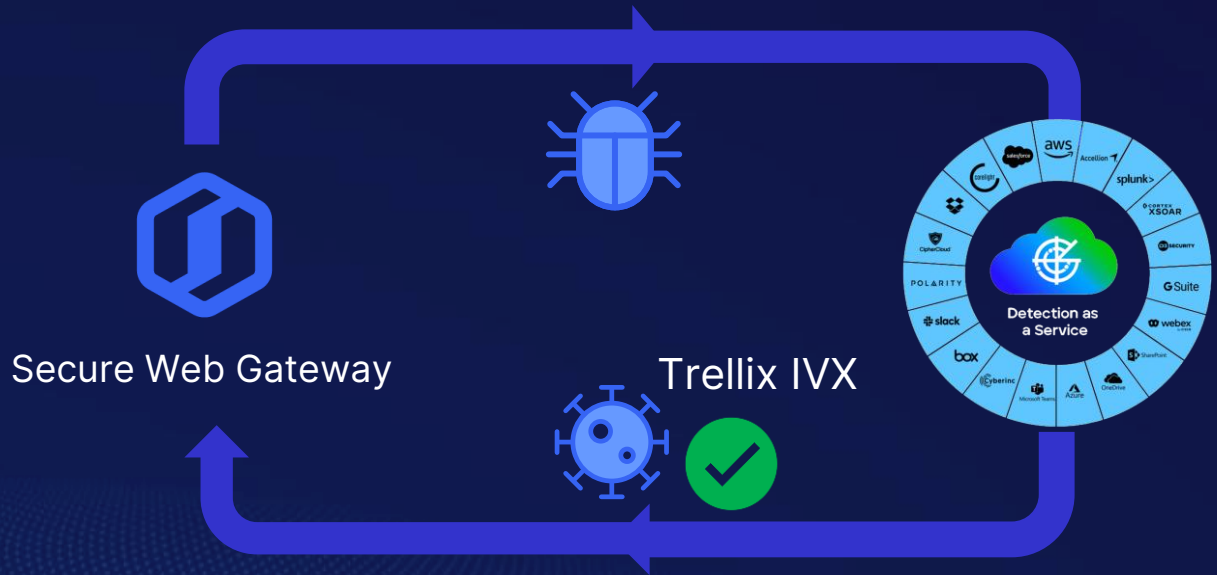
- SWG can easily integrate with Trellix IVX appliances and IVX cloud services to protect against Zero-Day and Advanced Persistent Threats (APT)
- Seamless integration of SWG On-Prem appliances with IVX appliances like legacy ATD and SWG for Cloud with IVX Cloud

Skyhigh Security + Trellix Provide Comprehensive Anti Malware protection



Threat detection sandbox that pinpoints known and unknown malware

Files/content submitted for additional malware analysis

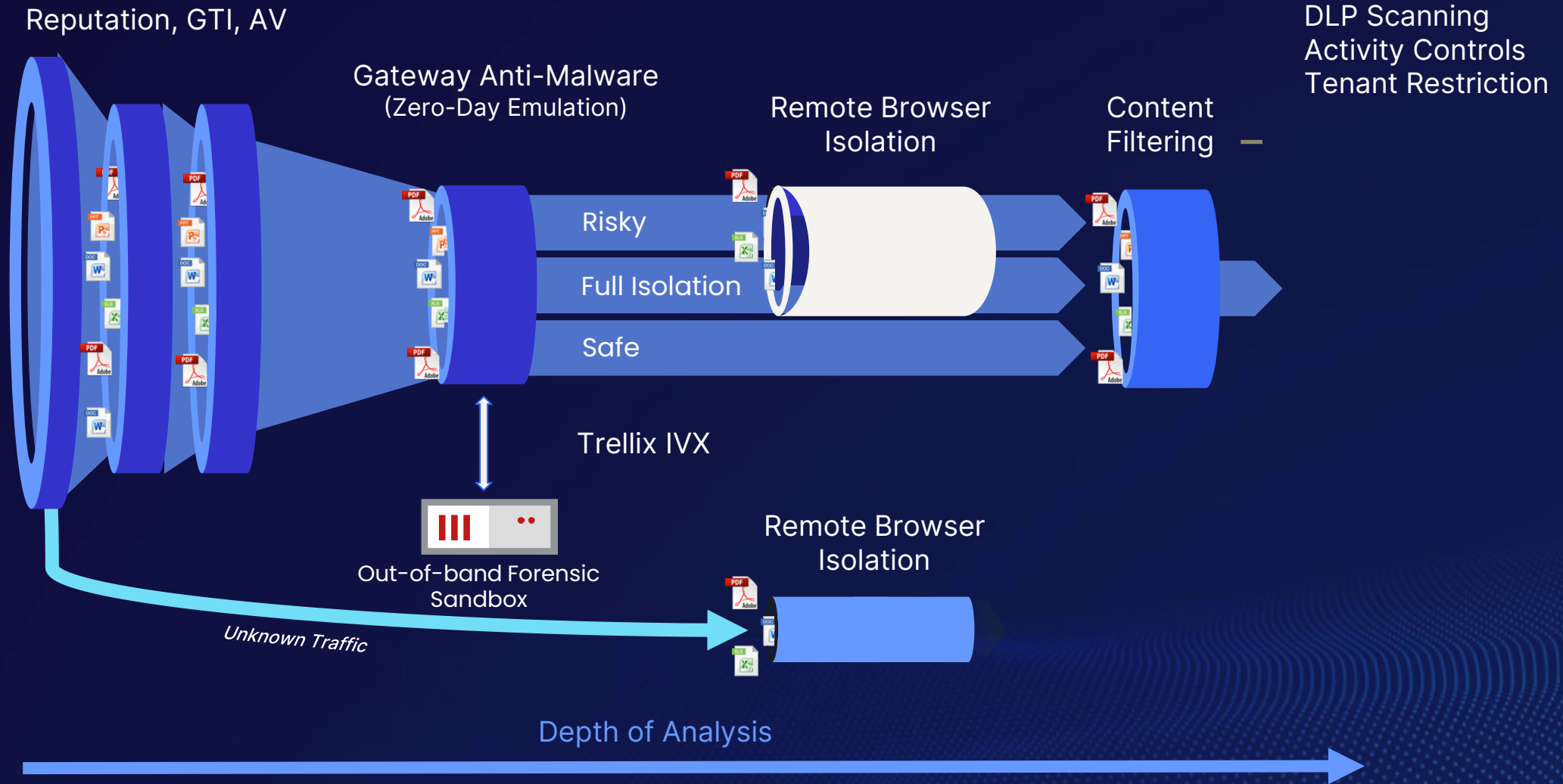


Verdicts are sent back after analysis

Trellix Intelligent Virtual Execution (IVX)



Multi-Layered Inspection



Skyhigh SSE - Trellix IVX Cloud Integration

Q2
2024

The screenshot displays the Skyhigh Security interface for configuring a Web Policy. The left sidebar shows a navigation menu with 'Trellix Cloud IVX' highlighted. The main panel shows the configuration for a policy named 'Trellix Cloud IVX'. The criteria are set to 'IF Host is bazaar.abuse.ch'. The policy is currently turned 'On'. Under 'Preset Rules Hide', there are three sections: 'Cloud IVX' with options to skip processing for user agents and domains, 'Media Type' with options to skip or force processing for media types, and 'Reuse existing scan report'. The 'Block if virus found' option is checked, and the action is set to 'Block'. A key-value pair for 'apiKey' is provided at the bottom.

Name	Criteria	Operator	Value	On/Off
Trellix Cloud IVX	IF Host	is	bazaar.abuse.ch	Applies to: All <input checked="" type="checkbox"/>

Preset Rules Hide

Cloud IVX

- Skip Cloud IVX processing for these User Agents Skip
- Skip Cloud IVX processing for these domains, hosts or URLs Skip

Media Type

- Skip Cloud IVX processing for these media types Skip
- Force Cloud IVX processing for these media types Skip

Reuse existing scan report

Wait for scan results

Block if virus found Block

Key **Add Description** Save

```
1 apiKey = "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJjb250cmFjdF9pZCI6ImFta3QtYzlmNmQ1MjA1IiwiaWF0IjoiY2t5aGlnaCBTU0UiLCJ1bmlxZWVfaWQiOiI5NTQyMWJiOC04OGZkLTRjMzktYTg4Yy1lMTYxY2UwYWJlNDQiLCJleHAiOiJlMzI5MDQyMTh9.wAz1BdyvYL9xFAcJoWkYLaJMV-xcuRkshPaubrBgP4U"
```

Skyhigh SSE - Trellix IVX Cloud Integration



The screenshot displays the Trellix IVX Cloud interface with the following components:

- File Type Distribution:** A horizontal bar chart showing the count of files for various types. The data is as follows:

File Type	Count
docx	20
pdf	9
sh	6
ico	4
unk	4
htm	3
jar	2
el	1
exe	1
mbi	1
- Recent Submissions:** A line graph showing submission counts over time from 2023-11-30 to 2023-12-06. Two lines are plotted, one in blue and one in red, showing peaks in late November and early December.
- Signature Hits:** A horizontal bar chart showing the number of hits for various signatures. The data is as follows:

Signature	Count
GTI Malicious	25
Downloader.Word.Donoff.FEC3	10
FEC_Exploit_OOMML_Generic_4	10
Trojan.Macro.Heuristic.FEC3	10
Trojan.PDF.Pidief.FEC3	9
Trojan.Linux.Mirai.FEC3	6
- File Analysis Details:** A detailed view of a file with ID `a1797d212560de7f187...76f4e23235`.
 - Verdict:** Malicious
 - Rules Hit:** 15
 - Files:** 0
 - Processes:** 1
 - Network:** 4
 - Registry:** 5
 - API Calls:** 3

Analysis Details:

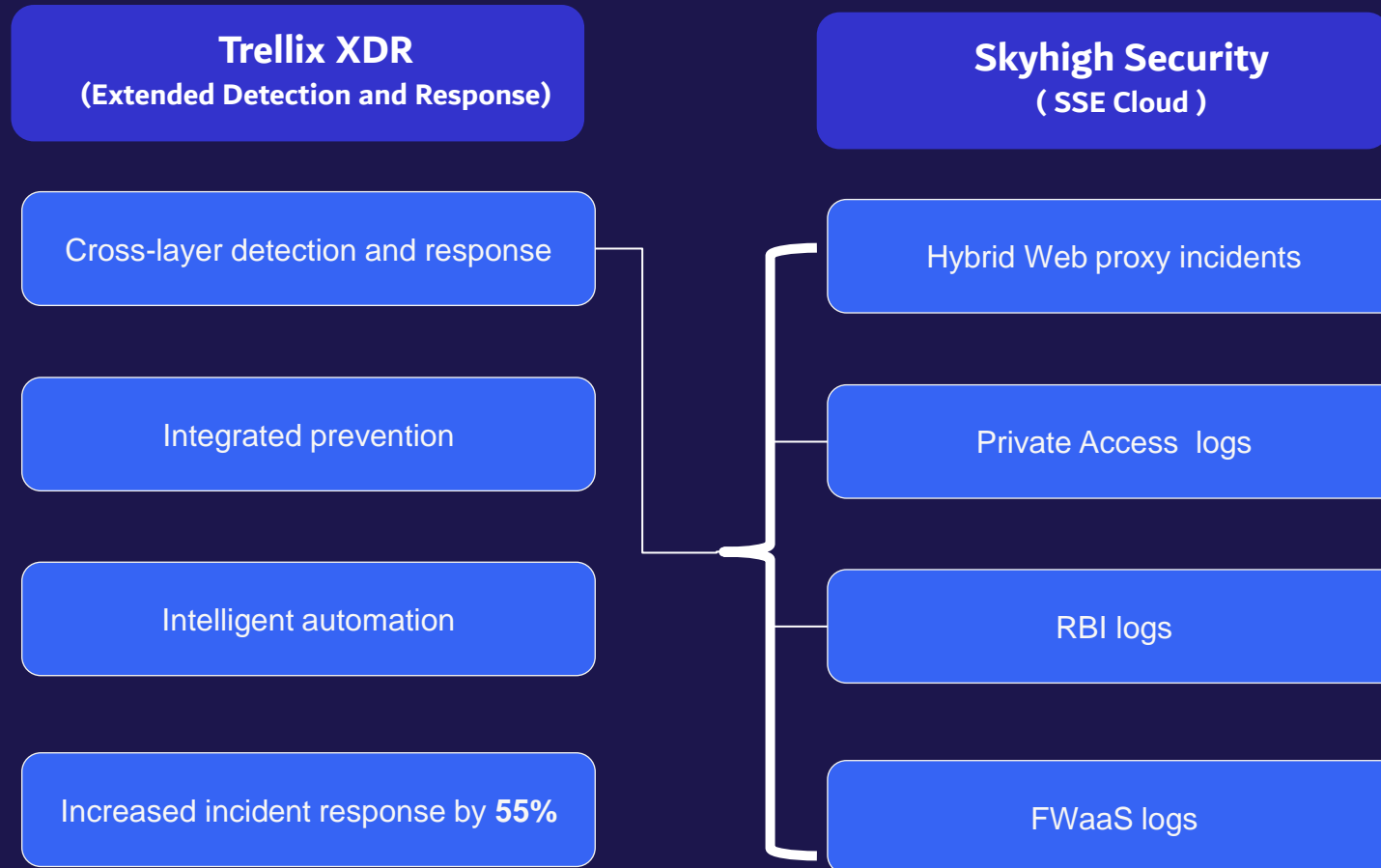
 - Report ID: `b2753a26-2334-4383-a7f9-445f6b3274c`
 - File Size: 2591081 Bytes
 - File Extension: docx
 - File Magic: docx
 - Signature: **Downloader.Word.Donoff.FEC3**, **GTI Malicious**, **FEC.Exploit.OOMML.Generic.4**
 - Detected Engines: **global cache**, **GTI**, **global cache v2**, **global cache v3**, **Dynamic Analysis**
 - Started At: 2023-12-18 17:53:25
 - Completed At: 2023-12-18 17:53:25
 - Analysis Mode: **Sandbox**
- Process Graph:** A flow diagram showing the execution of `Win7x32`. The main process is `76f4e23235`, which spawned `msword.exe`. `msword.exe` then spawned three child processes: `msword.exe`, `http request`, and `dns query`.

Trellix



Skyhigh SSE – Trellix Hellix (XDR) integration

Skyhigh Security and Trellix XDR



Native API Integration



The screenshot shows the Trellix Cloud Connect interface. At the top, there is a search bar with the text "INDEX SEARCH Start hunting for evil...". Below the search bar, there are navigation options: "PAST 24 HOURS", "History", "Favorites", and "Syntax Help". The main content area displays a grid of integration options:

- ExtraHop Reveal(x) - Extrahop
- Juniper Mist - Juniper Networks, Inc.
- Facebook Meta Workplace - Meta
- Microsoft Graph - Microsoft Corp.
- Skyhigh SSE - Skyhigh** (highlighted with a red box)
- Talon Logs - Talon Inc.
- Trellix IAM Audit Report - Trellix Inc.
- Cloudvisory - Trellix, Inc.

The screenshot shows the "Your Integration Instructions" page for the Skyhigh SSE integration. The page is divided into two steps: "1 Provide API details" and "2 Verify Integration". The current step is "Step 1: Provide API details".

At the top right of the step, there is a dropdown menu for "Helix Instance: hexbsh452" and buttons for "Previous Step" and "Submit and Verify". A red error message below the dropdown says "Please select one Helix Instance".

The main content area contains the text: "This Helix integration will forward SSE events from Skyhigh Security to Helix." Below this text is a form titled "Input Required" with the following fields:

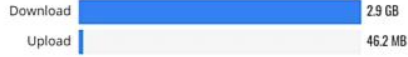
- Username**: Username of your user created in Skyhigh
- Password**: Password of your user created in Skyhigh. There is a checkbox for "Display hidden value".
- Country Code**: Country Code for Skyhigh
- Customer Id**: Provide customer Id

Web Dashboard

Actions

Total Bytes

2.9GB



Total Requests

38.2K



Malwares

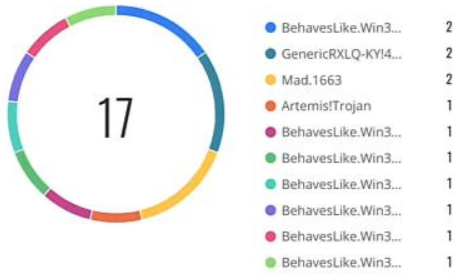
14

Users

6

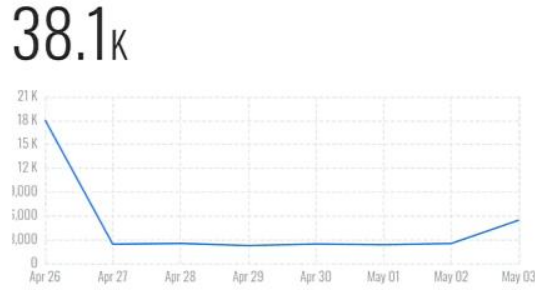
Top Blocked Web Malware

Total Blocked Requests by Malware Name for 14 Malware - Last 7 Days



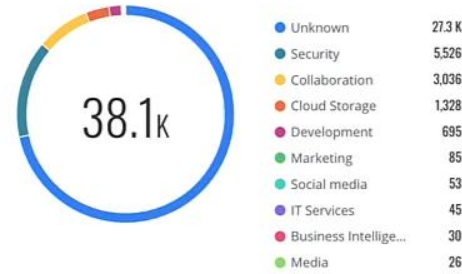
Web Usage Trend

Number of Requests for 171 Sites - Last 7 Days



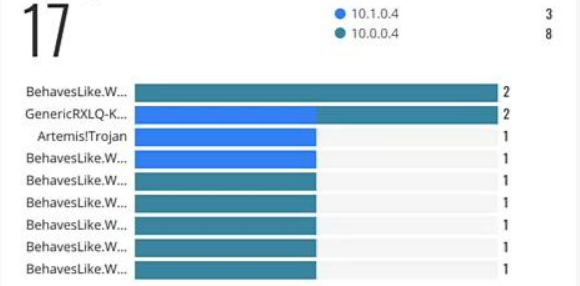
Top Web Application Categories

Number of Requests by Category for 171 Sites - Last 7 Days



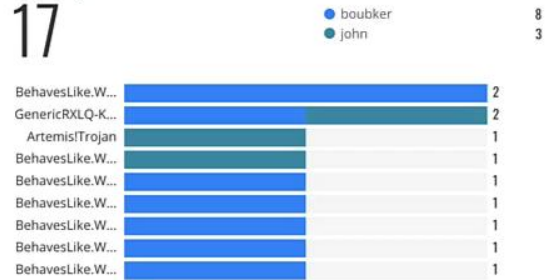
Top Web Client IP Addresses with Malware Detected

Number of Requests by Malware Name and Ip address for 14 Malware - Last 7 Days



Top Web Users with Malware Detected

Number of Requests by Malware Name and User name for 14 Malware - Last 7 Days



Risky Web Isolations

Number of Isolated Sessions by Isolation Type - Last 7 Days



High Risk Web Usage - NA

Number of Requests by Reputation for 5 Sites - Last 7 Days





Secure Web Gateway + Cloud Access Security Broker + Zero Trust Network Access

Secure access to the web, cloud services, and private applications

Extend protection and data visibility into enterprise sanctioned applications

Identify and protect data in use, in motion, and at rest to achieve compliance

Protect from malware and identify compromised accounts and insider threats

Enable a hybrid workforce

Apply Zero Trust principles



Executive Briefing



- Vision
- Roadmap
- Exec Peering

Cloud Security Assessment



- Current Posture
- Recommendations

Security Workshop



- Digital Workplace
- Cloud Architecture
- Data Protection
- Hands-on Labs
- DLP/SSE/Hybrid

Skyhigh SSE Hands-On Workshop



Join Skyhigh Security for our interactive SSE Hands-On Workshops - created specifically for technology specialists and customers with existing experience in our Web Gateway solution to get to know our cloud-based SSE solution through a unique experience.

In this three-hour workshop, you will learn the following technologies in your own provisioned account under the guidance of Skyhigh System Engineers, and will be able to try out the following solutions and capabilities:

Secure Web Gateway (SWG)

Configure web policies from the cloud.

Cloud Application Control (CASB)

Control access to and activities in cloud services from a comprehensive cloud registry.

Remote Browser Isolation (RBI)

Allow access to unknown or potentially dangerous websites without exposing your client to malicious code.

Data Loss Prevention (DLP)

Prevent improper storage and/or transmission of sensitive information.

Private Access (ZTNA)

Allow secure access to internal corporate resources without the need for a VPN client.

Join us for our next SSE Hands-On Workshop to try out Skyhigh SSE yourself

Register here:

<https://www.skyhighsecurity.com/sse-virtual-workshop>



Thank You!