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EMEA & LTAM Tech Summit

Madrid, Spain

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Helix

Get AI-powered context across all threat vectors and security tools — and respond in minutes

Speakers

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Solutions Engineer

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Solution Presentation

Market trends

Siloed Tools

76

Organizations with over 5,000 employees manage an average of 76 discrete security tools[1]

Understaffed Teams

59%

Of cybersecurity teams being understaffed caused by burnout and a talent gap of 4 million professionals[2]

Blind Spots

66%

Of IT environments can be monitored by global organizations[3]

Attack Surface

62%

Increase in attack surface over the past 2 years[4]

1. JupiterOne | 2. New ISACA Research | 3. Exabeam and IDC Study | 4. Techtarget

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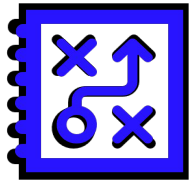
SOC Barriers to Efficacy and Efficiency

Noise vs. Signals

Low-level “noise” needs to be correlated and analyzed to become "signal."

Atomic vs. Behavioral

True threats have to be manually pieced together into a narrative from disparate alerts.



Tuning Detection Rules

Time consuming but necessary to stop false positives and alert noise

Limited Correlation

Alerts from the same activity appearing as separate, unrelated

How do you surface what matters quickly & accurately?

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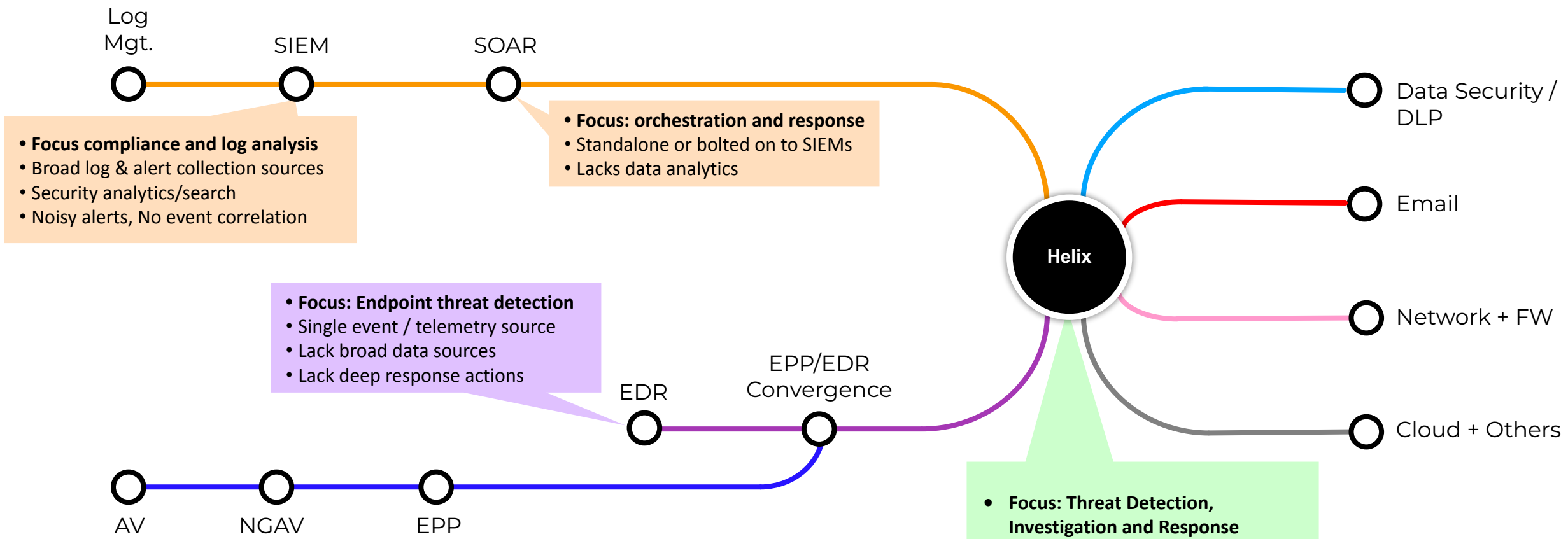
Evolution of SecOps Visibility



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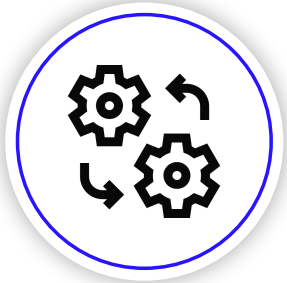
Simplify SecOps with Trellix

Turn Noise Into Insight

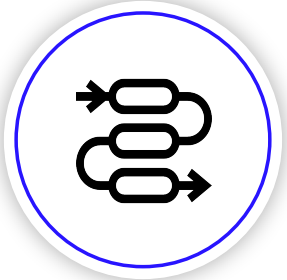
Triage Every Alert and Prioritize Threats

Get the Full Story



Deep analytics, Pre-built Detection Rules

Minimize MTTD, MTTR



Low-code Automation, GenAI Powered Processes & Expertise

Detect and respond across your environment

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Trellix Helix Benefits

Speed MTTD, MTTR
Deep analytics, advanced correlations, AI, and user-friendly analyst experience, the average time spent investigating threats and taking response actions is under 10 minutes

Make Security Teams more efficient and productive
Through the elimination of point product pivot across an efficiency boost of up to 20% is achieved.

Valuable Time is saved as 50% to 70% of FPs are halter before they arrive.

Correlation prioritizes the alerts that matter, saving hours or days.

Close security talent and skills gaps, and automate
With more pre-built automation workflows than competing solutions and the ability to customize them using Hyperautomation no-code SOAR, Helix helps upskill less experienced analysts.

Click through correlation details and be led through best practices to perform data enrichment or remediation steps, improving expertise.

Helix delivers

- Faster Investigation
- Less Product Pivots
- Fewer False Positives
- Faster Responses

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How Helix Works

1. **Data Ingestion:**

Open and Native integrations

2. **Detections:**

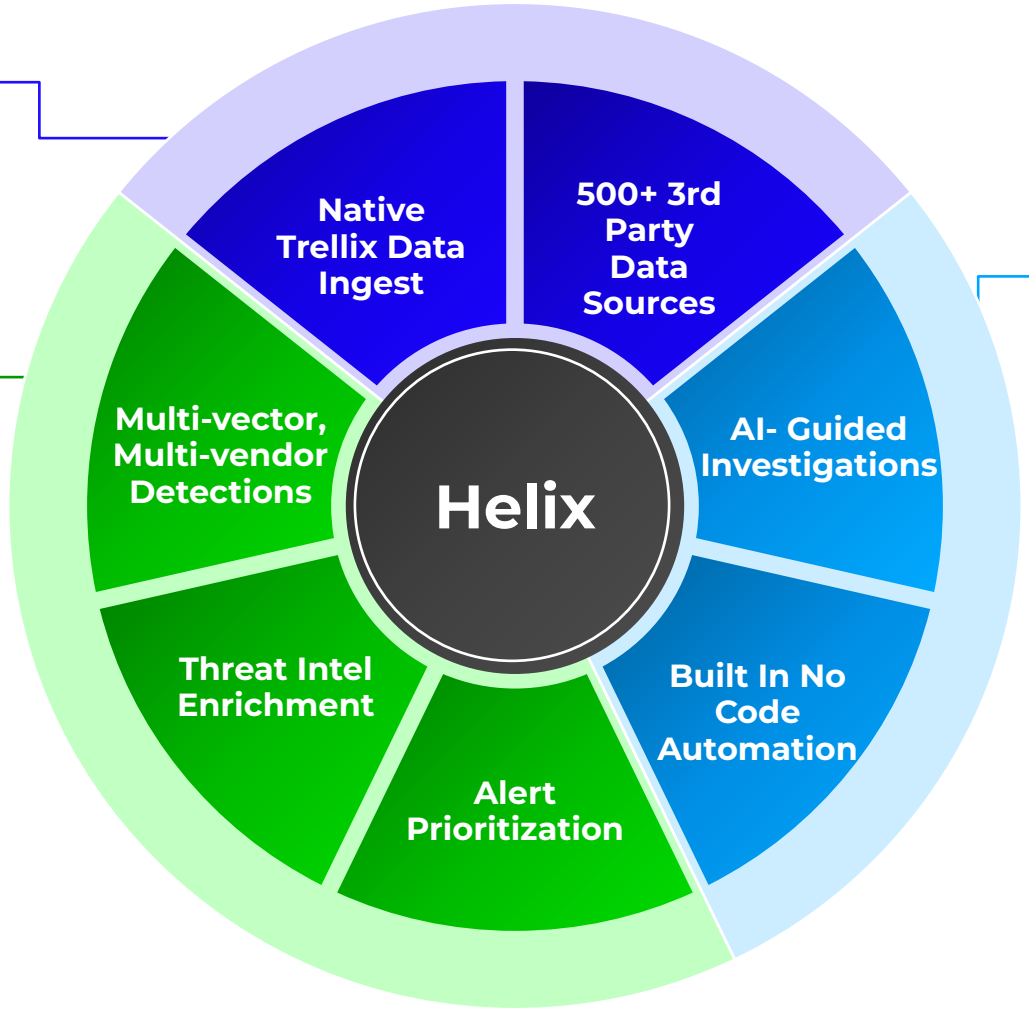
Analytics

Automated threat elimination

Noise suppression

Enrichment

Prioritization



3. **Response:**

AI Guided Investigations

On-prem/cloud HyperAutomation orchestration and response

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The Helix Impact

	Time to Resolution	SOC Resources	Automation
Before	 Fragmented visibility, lack of control	 Stretched team, inadequate threat coverage	 Repetitive, time consuming tasks
After	 Unified SOC Experience	 Effective, efficient, optimized	 No-code automation to respond to attacks

Result: A simplified and insightful security operations experience to rapidly stop attacks

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Driving Decisions With Wise AI

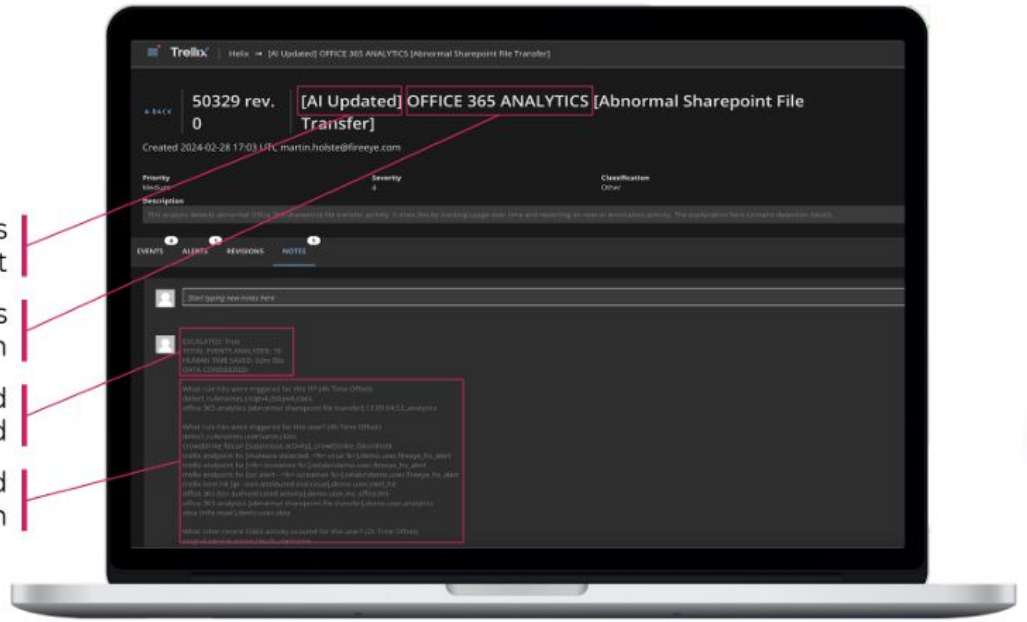
Helix with Wise performs the work of 12 8-hour SOC shifts

Auto-investigates every alert

Leverages our integrations + ML AI for detection

Makes decisions and records stats on time saved

Provides detailed explanation of decision



An answer to alert fatigue and skills gaps:

100%
of Alerts investigated in <3 min

40x
Faster Detection

8hrs
SOC work recovered per 100 alerts investigated

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Trellix Helix with Wise

Multi- vector Machine Learning Models

Across Endpoint, Email, Network, and Sandbox products

Operational Threat Intelligence

Using 60 billion queries a day on malicious activity

Workflows And Analytics

Trained by decades of expertise and large data volumes

GenAI

Content creation with everyday language, Alert Scoring and Prioritization, Automated escalations and Reporting for recovered time

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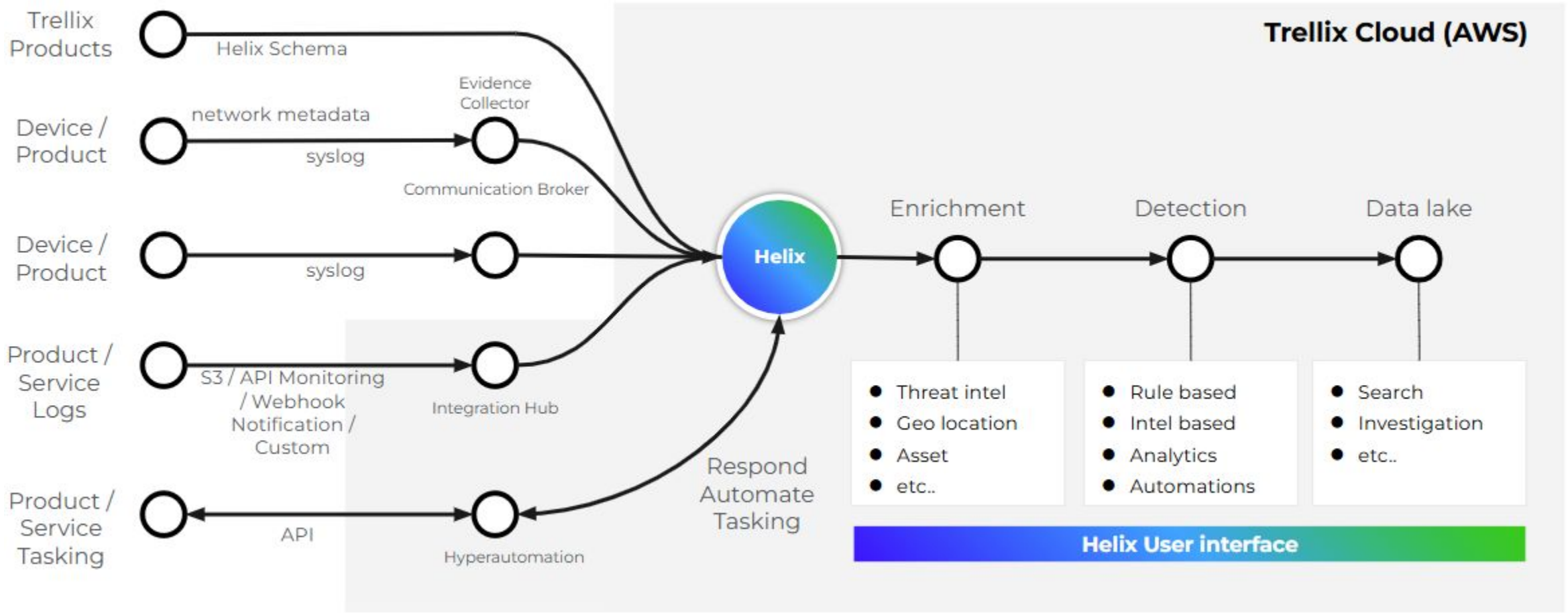
Architecture

Helix Reference Architecture

Onboarding data sources for threat detection, investigation and retention



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Out-of-the-box integrations for common data sources and data mapping for custom log sources

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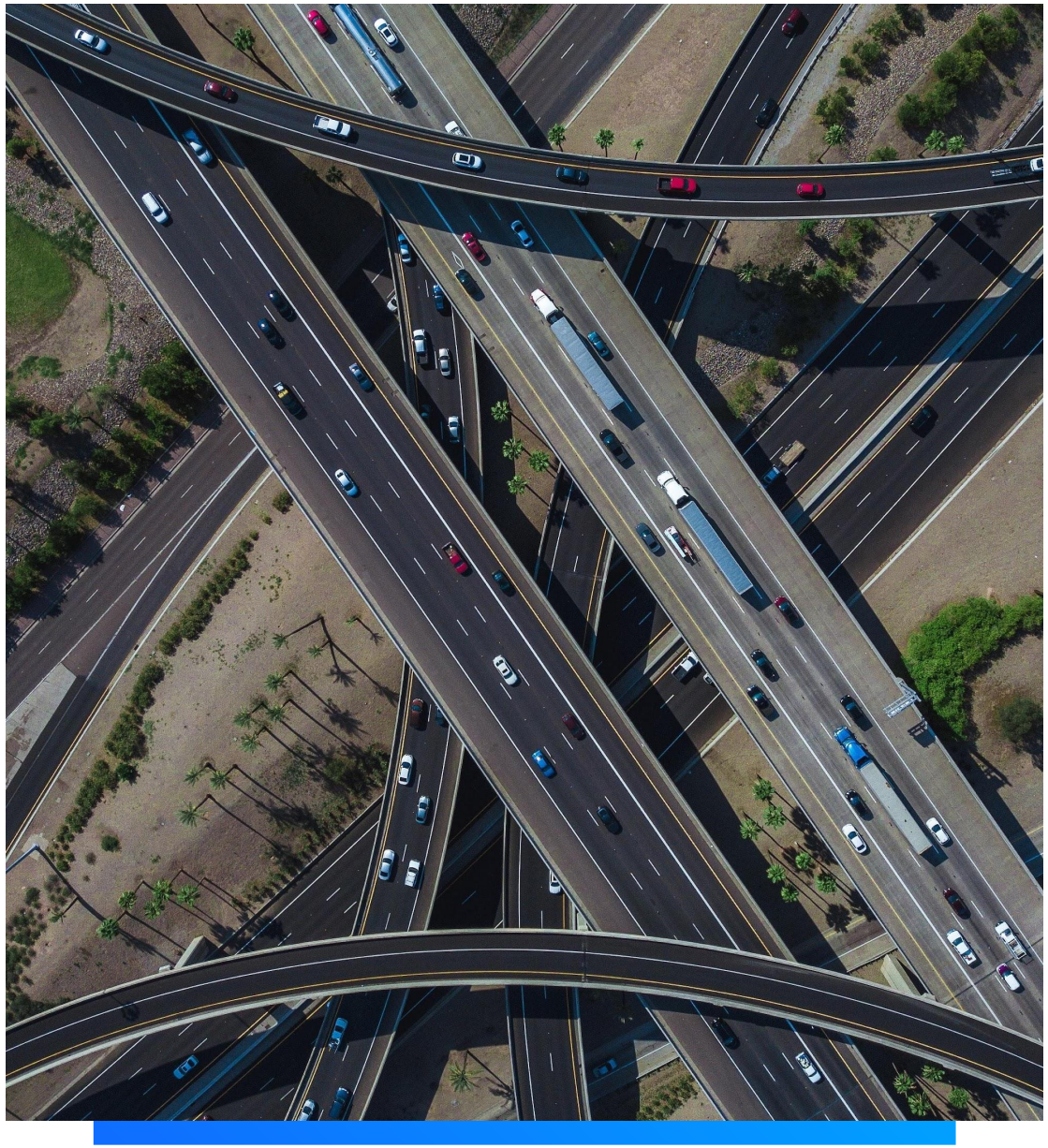
Key Use-cases

Integrations

Integration Hub

Communications Broker

Data Sources



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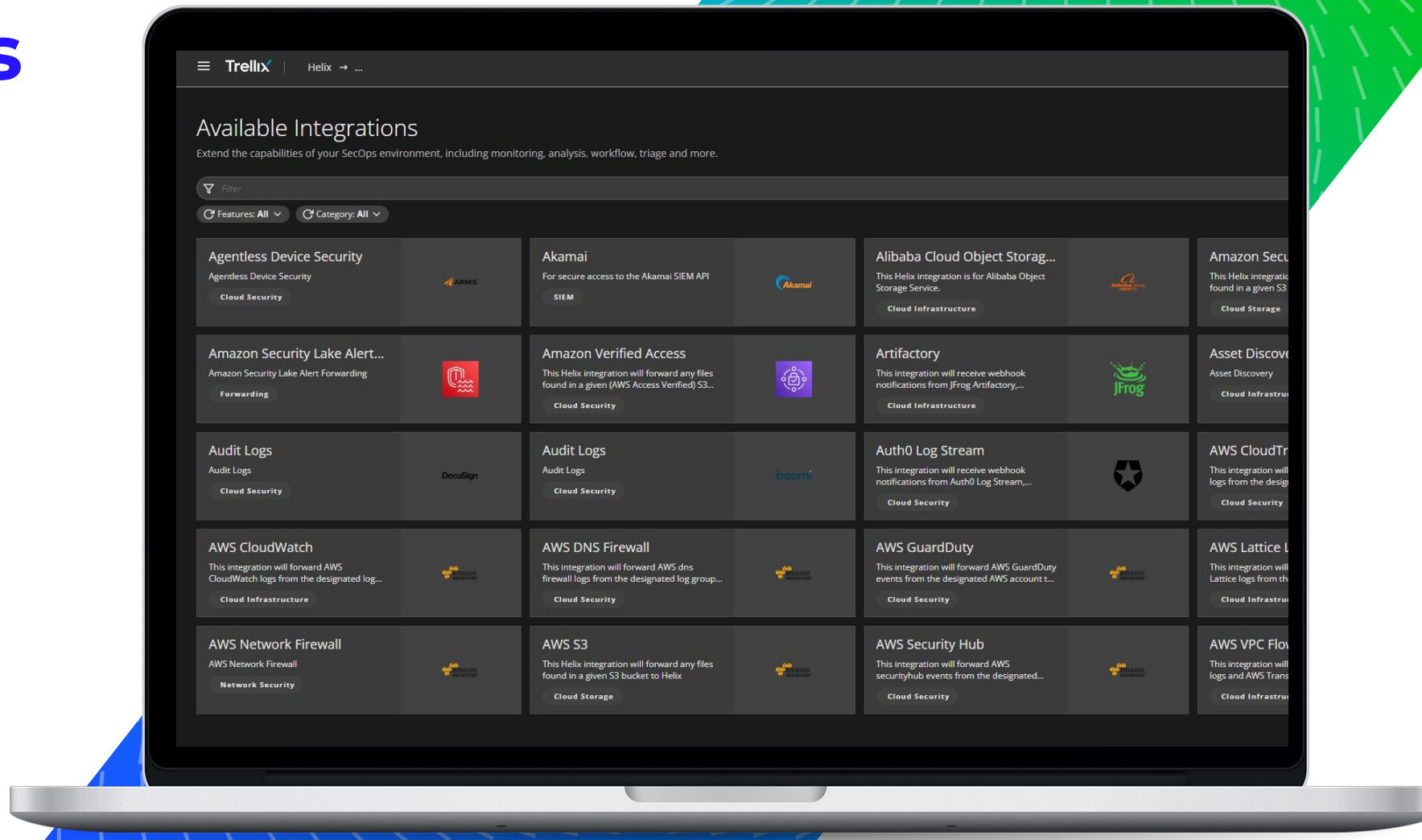
Integrate your Data and Tools

500+
third parties

120+
SaaS solutions across multiple domains



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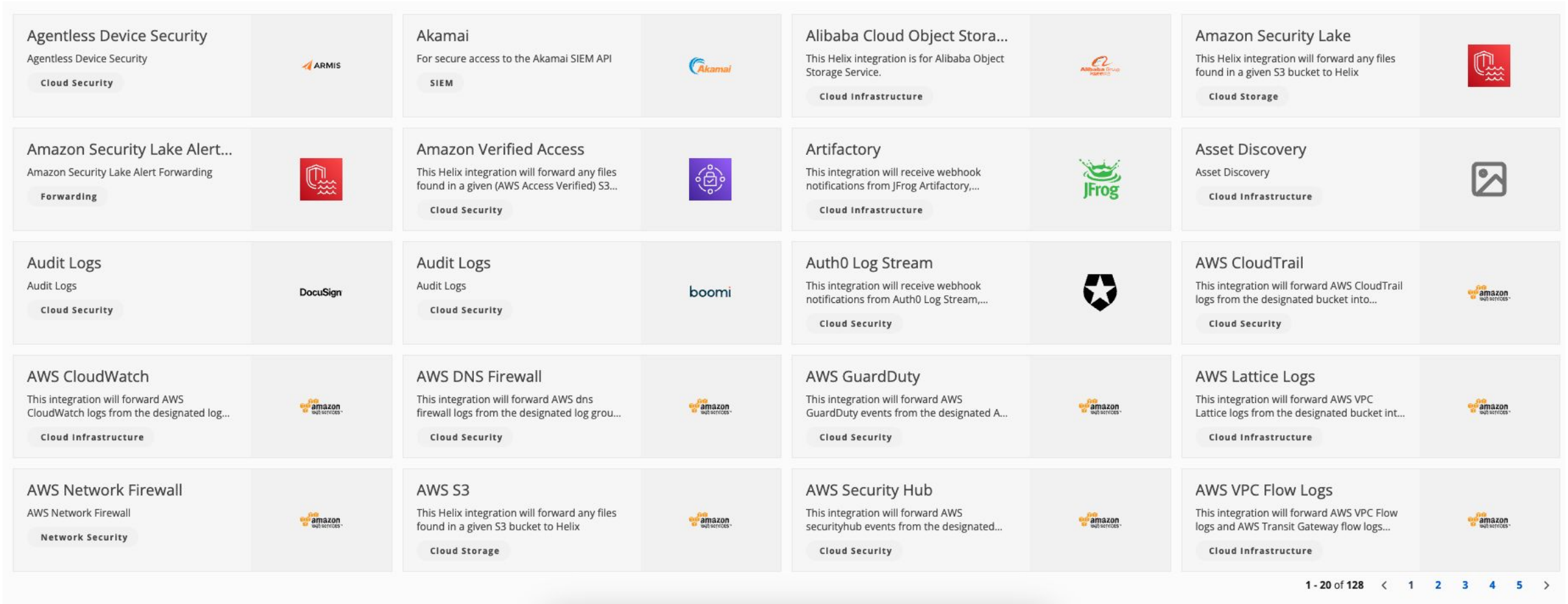
Integration Hub

Allow ingestion and response actions performed through API connections.



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Evidence Collector

Allow traffic, events and logs to be sent to Helix.

- **Evidence Collector** is a virtual network security sensor. It is the default Helix network security sensor running on a simplified virtual Network Security appliance that uses Suricata to generate L7 metadata events from network traffic and streams these to Helix.

- Evidence Collector can also stream third-party logs directly to Helix. It supports the Tapsender, Communications Broker, event filter, and data streaming features. It does not offer detection.

- It can also enabled on a physical Network Security appliance.

Communication Broker

Allow events and logs to be sent to Helix through syslogs.

- Helix uses the **Communication Broker (Commbroker) Sender** to accept machine-generated messages and logs from hardware devices, operating systems, applications, security appliances, network devices, and databases through a variety of methods.

- The Comm Broker looks for events formatted as the following (in descending order of preference): JSON, CEF syslog, LEEF 1.0 & 2.0 syslog, RFC-5424 Syslog (https://tools.ietf.org/html/rfc5424), RFC-3164 Syslog (https://tools.ietf.org/html/rfc3164)

- Communications Broker resides on a Trellix Network Security appliance “NX” or may be installed as an "Unmanaged Comm Broker" on a customer-managed Linux host.

- The receiver component present in the customer's environment decrypts the received data and decompresses the log messages. At that point, the log messages are parsed, indexed, analyzed, and correlated with real-time threat intelligence from Trellix.

Data Sources for Helix

SecOps effectiveness depends on the data sources available for analysis

Data Source	What is Collected	How Logs are Used in XDR
Connection Logging	Logs connection information and duration between two hosts.	Identify APT activity from known bad IP addresses. Track movement of malicious hosts around the network.
DNS Logging	All DNS requests are logged.	Identify malware or APT activity.
Files Logging	Names/hashes of files are logged.	Identify malicious files used by attackers, or invalid versions of files.
SMTP Logging	Logs all SMTP headers.	Identify internal spam abuse or augment SMTP logs.
HTTP Logging	Similar to proxy/Web server logs, but does not include user names.	See attacks on internal Web servers or malware leaving an egress.
SSL Certificate Logging	Logs certificate information such as CA.	Identify known bad certificates or invalid certificate chains.
Tunnel Logging	Identify and report on tunneled traffic, such as teredo, IPv6 over IPv4, or GRE.	Identify possible data exfiltration or command and control.
Software Logging	Detect versions of applications in use. For example, old Java versions, Web browser versions, and so on.	Identify abnormal or vulnerable software in use.

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Critical Data Sources

A list of sources required to detect and respond to cyber attacks

- Threat Detection Appliances
- Web Proxy (with user tracking)
- DNS Resolution and Relay events
- Authentication Events
- AD/LDAP, Wireless, VPN, etc.
- Firewalls (including NAT logs)
- Email server and transactions
- Endpoint Security
- AV, HIPS, EDR, etc.
- DHCP Assignments
- Operating System events
- Windows, Linux, etc.
- Windows/Linux Process Tracking
- IDS / IPS
- Database Security/Audit events
- Email Filtering/Security events
- NAC events
- PowerShell logs

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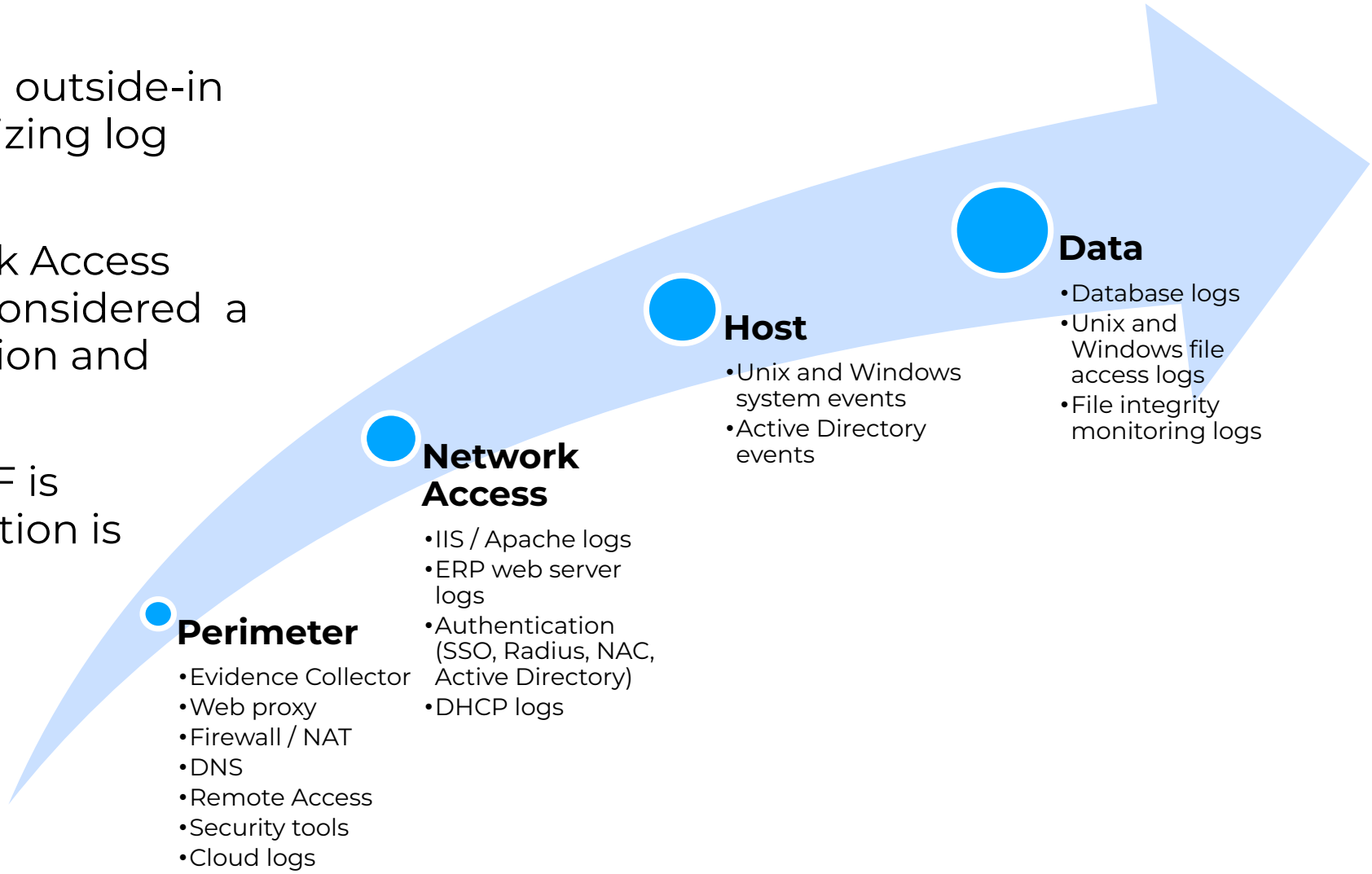
Data Sources by Priority

- Trellix recommends an outside-in approach when prioritizing log source collection
- Perimeter and Network Access categories should be considered a "must have" for detection and analytics efficacy
- Log Format – CEF/LEEF is preferred when the option is available



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Event Data

Format Data
TQL

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Event Format

meta_ts	Raw & Parsed
2025-10-20 12:12:31 UTC	1427116186.019480 C73ZO2ThDIOt77xO5 10.224.72.20 21729 23.99.20.198 443 1 GET 23.99.20.198 /image001.gif - Mozilla/5.0 (Windows NT 6.1; rv:36.0) Gecko/20100101 Firefox/36.0 0 75264 200 OK - - - (empty) - - - - - F6owdI3BUrc0kvzpWi application/x-dosexec

class: **bro_http** connectionid: **c73zo2thdlot77xo5** depth: **1** domain: **23.99.20.198** dstcity: **san francisco** dstcountry: **united states of america** dstcountrycode: **840**

dstdomain: **microsoft.com** dstipv4: **23.99.20.198** dstisp: **microsoft corp** dstlatitude: **37.720001220703125** dstlongitude: **-122.44000244140625** dstport: **443**

dstregion: **california** event_epoch: **{"day":23,"hour":13,"year":2015,"month":3,"minute":9,"second":46,"weekday":"monday","timezone":"utc","epochtime_field":"eventtimeutc"}**

eventtimeutc: **2015-03-23T13:09:46.019Z** httpmethod: **get** meta_cbid: **10121144** meta_cbname: **xfire-hexcbh829-xdr** meta_i: **10.12.1.144/514/tcp**

meta_omh: **<23>Mar 1 22:17:27 broworker3 bro_http:** meta_oml: **293** meta_rts: **2025-10-20T12:12:31.665Z** meta_rule: **bro_http-2223679616** meta_sip4: **10.12.1.226**

meta_sp: **49980** meta_ts: 2025-10-20 12:12:31 UTC metaclass: **http_proxy** program: **bro_http** raw_pri: **23**

rawmsg: **"1427116186.019480\tC73ZO2ThDIOt77xO5\t10.224.72.20\t21729\t23.99.20.198\t443\t1\tGET\t23.99.20.198\t/image001.gif\t-\tMozilla/5.0 (Windows NT 6.1; rv:36.0) Gecko/2010...**

rawmsghostname: **broworker3** rawsrchostname: **10.12.1.226** rcvdbodybytes: **75264** rcvdfileid: **f6owdi3burc0kvzpwi** rcvdmimetype: **application/x-dosexec**

sentbodybytes: **0** srccity: **private** srccountry: **reserved/private** srccountrycode: **999** srcipv4: **10.224.72.20** srcport: **21729** srcregion: **reserved/private**

statuscode: **200** statusmsg: **ok** tags: **(empty)** uri: **/image001.gif** _eventid: **10d32742-adae-11f0-b981-9f4bbc084043#2** uri_parsed: **/image001.gif**

useragent: **mozilla/5.0 (windows nt 6.1; rv:36.0) gecko/20100101 firefox/36.0**

__metadata__: **{"id":"10d32742-adae-11f0-b981-9f4bbc084043#2","batch_id":"10d32742-adae-11f0-b981-9f4bbc084043","received":"2025-10-20T12:12:36.000Z","data_type":"syslog","num_...**

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Raw **Parsed** **Metadata** **Geo**

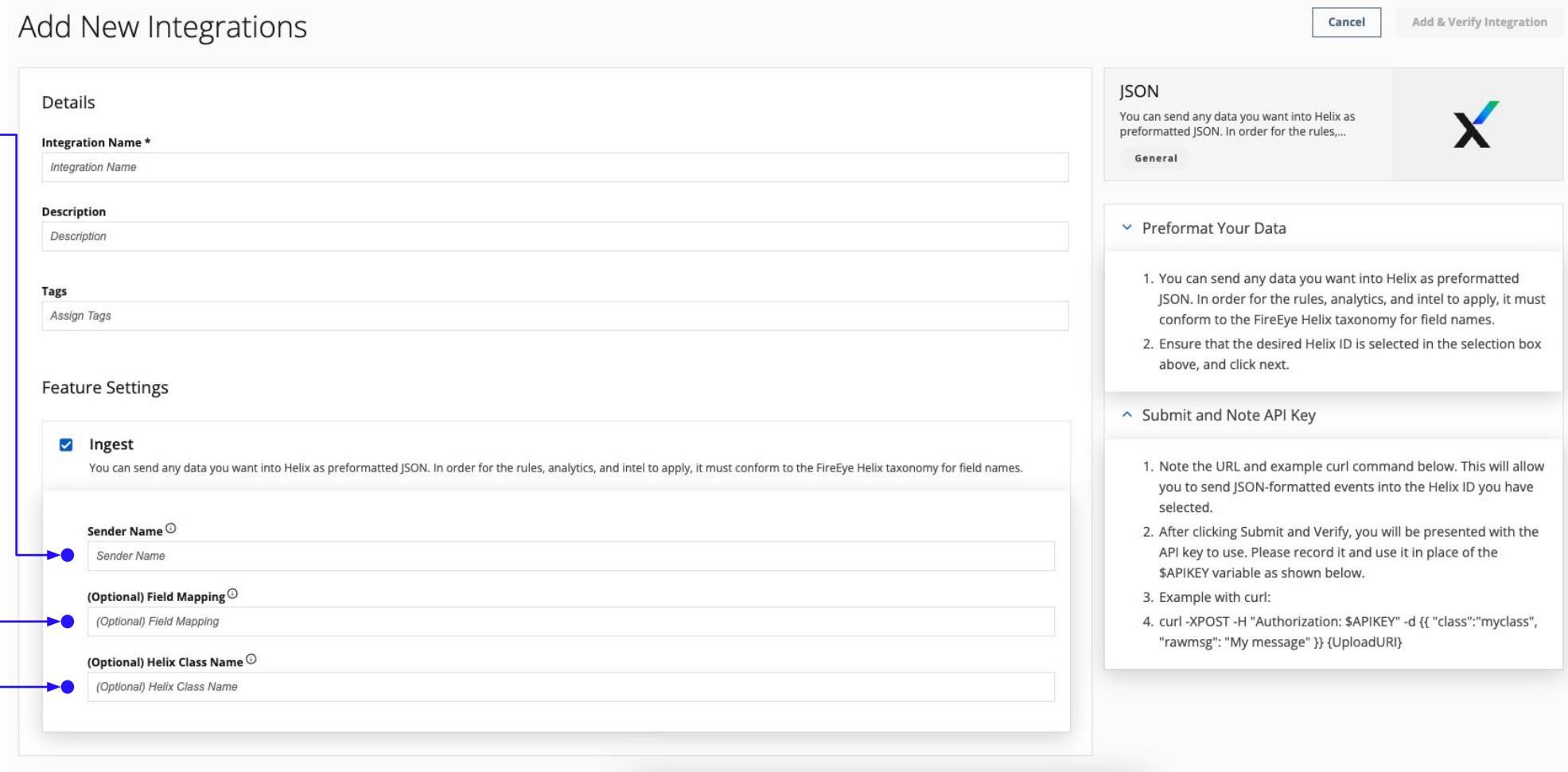
Events

You can send any data you want into Helix as preformatted JSON. For the rules, analytics, and intel to apply, it must conform to the taxonomy

Sender Name

Field Mapping

Class Name



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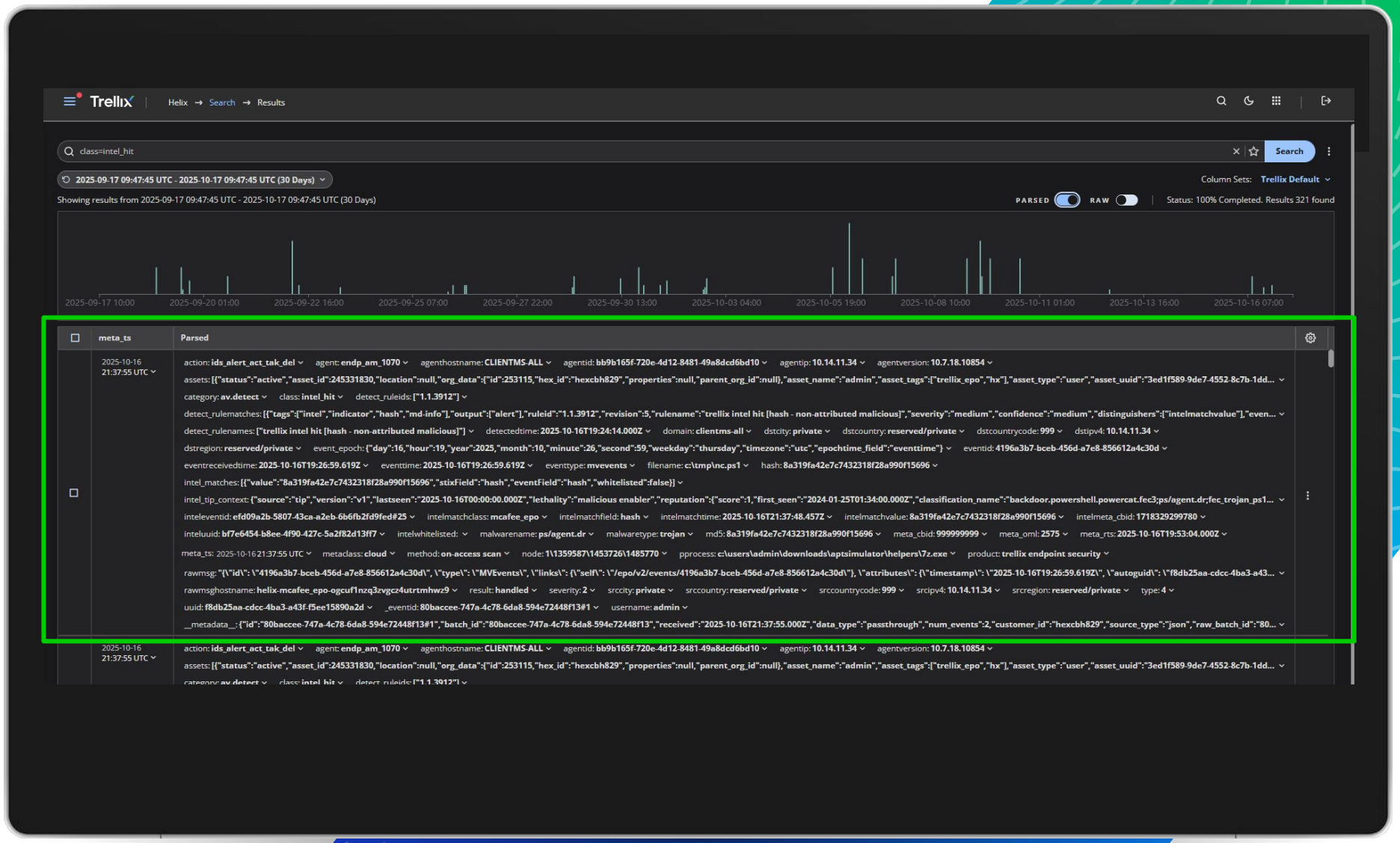
Events

Parsed / Indexed Fields

Geographic Fields

Metadata Fields



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Parsing

Event Classes (Past 24 Hours)

fireeye_nx	1.7m	ms_windows_event	54.4k	aws_cloudwatch	10.2k	mvision_edr	9.9k	crowdstrike	9.1k
cisco_pix	6.9k	fireeye_hx_sysinfo	3.4k	slack	3.0k	trellix_audit	1.7k	unknown	1.7k
aws_vpc_flow	1.4k	appliance_health	1.2k	intel_hit	1.1k	ms_office365	631	fireeye_stats	598
mcafee_epo	500	aws_cloudtrail	404	fireeye_hx_alert	223	alerts	214	crowdstrike_falconhost	168
fireeye_nx_alert	164	fireeye_dod	111	bro_conn	108	bro_files	108	aws_guardduty	92
bro_http	84	analytics_beta	48	fireeye	48	ms_dns	48	bro_smtp	24
mandiant_mso	24	analytics	16	okta	7	fireeye_localsig	3	web_server	3
salesforce_appomni	2								

Class and Metaclass

- Critical for rule function
- Class is device / technology specific
- Metaclass buckets like devices/technologies
- Class=unknown means no matching parser

Native parsers out of the box

- Control over parsing ensures rule consistency

Custom parsers can be built by customers

- Typically needed for unknown syslog / CEF
- Complex

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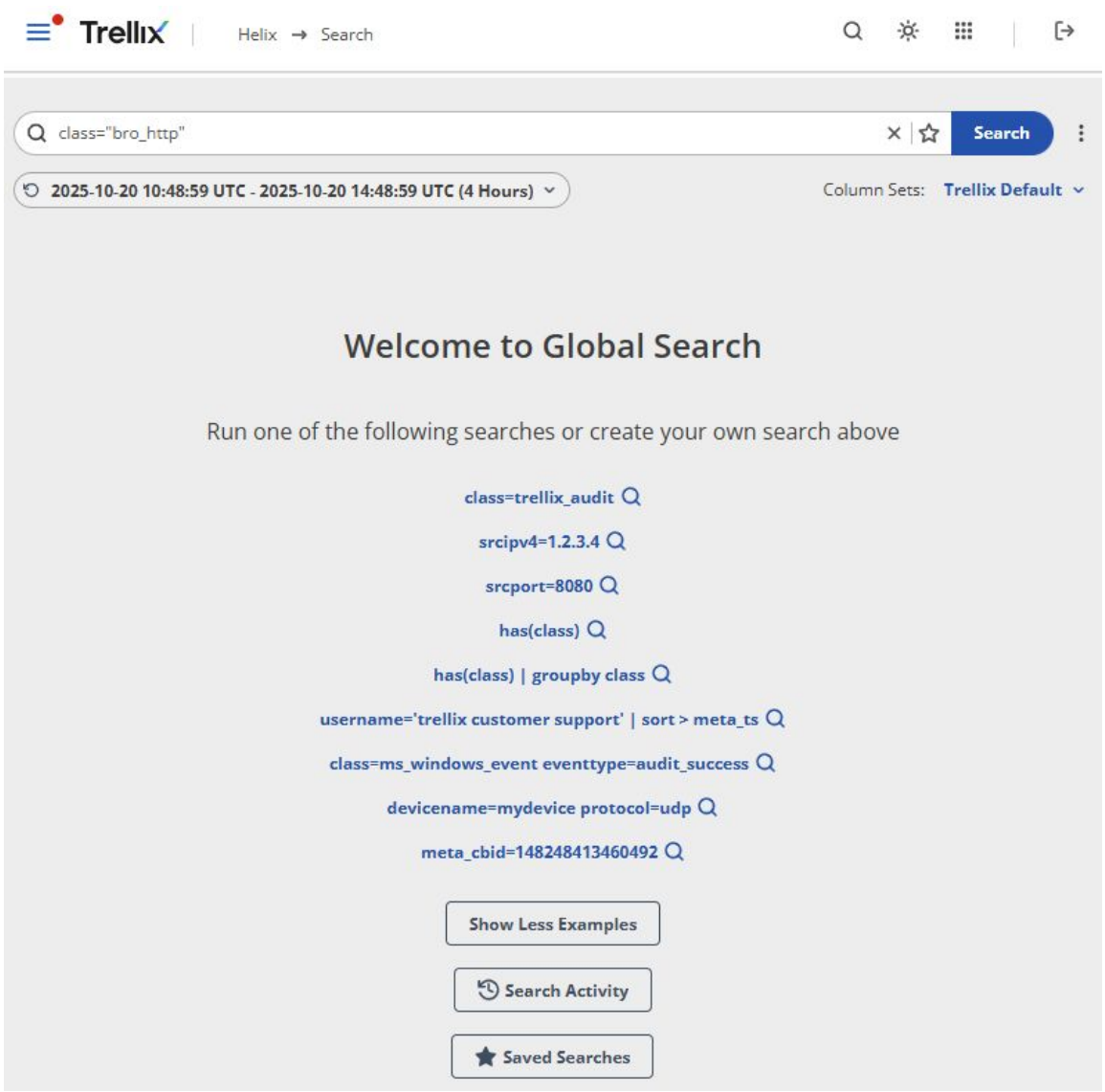
Trellix Query Language

Trellix Query Language (TQL) is a data analysis language used in queries to retrieve events for further analysis.

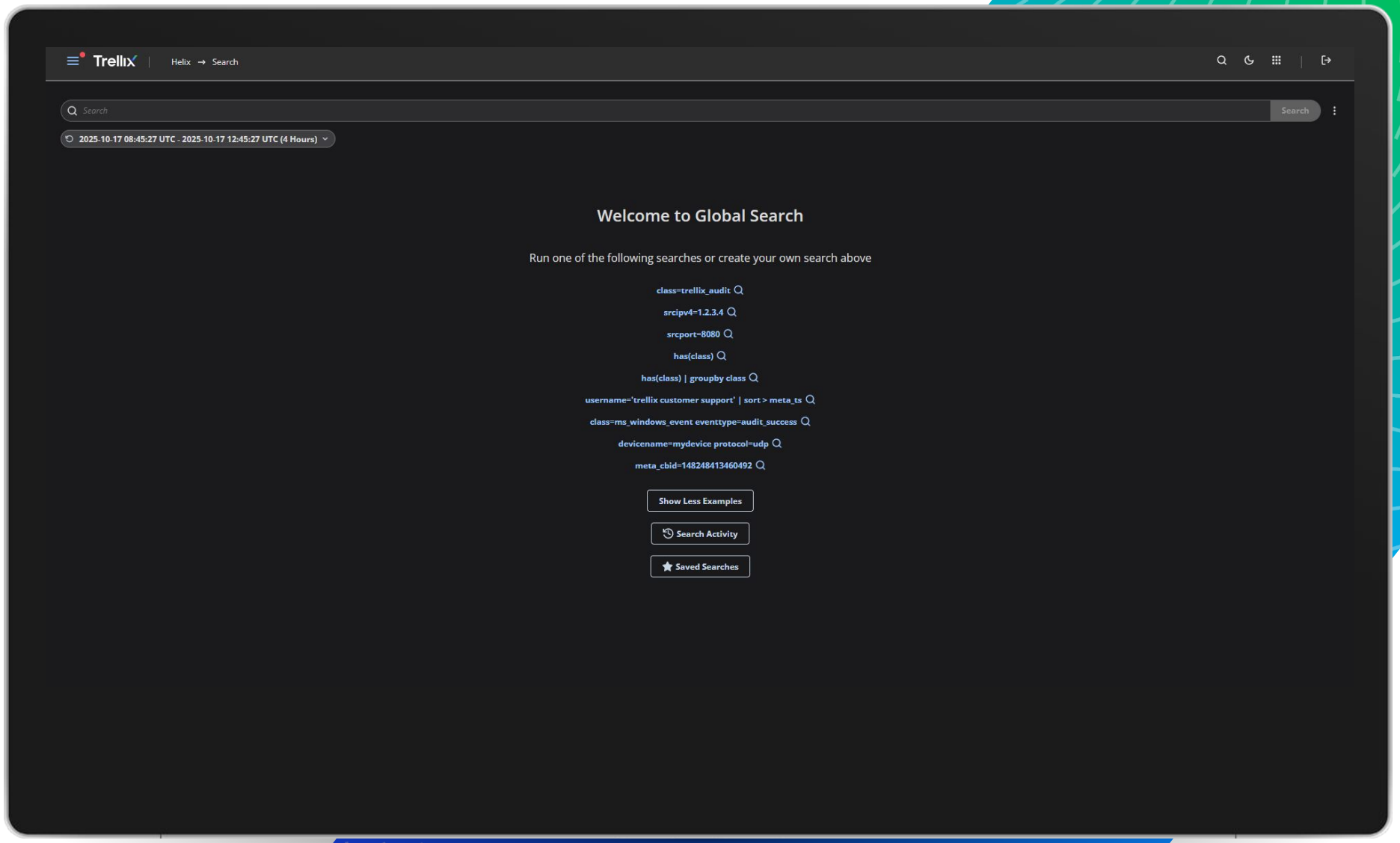


TQL Search

Trellix Query Language

Search across all indexed / parsed fields

Rules use the same syntax (with caveats)



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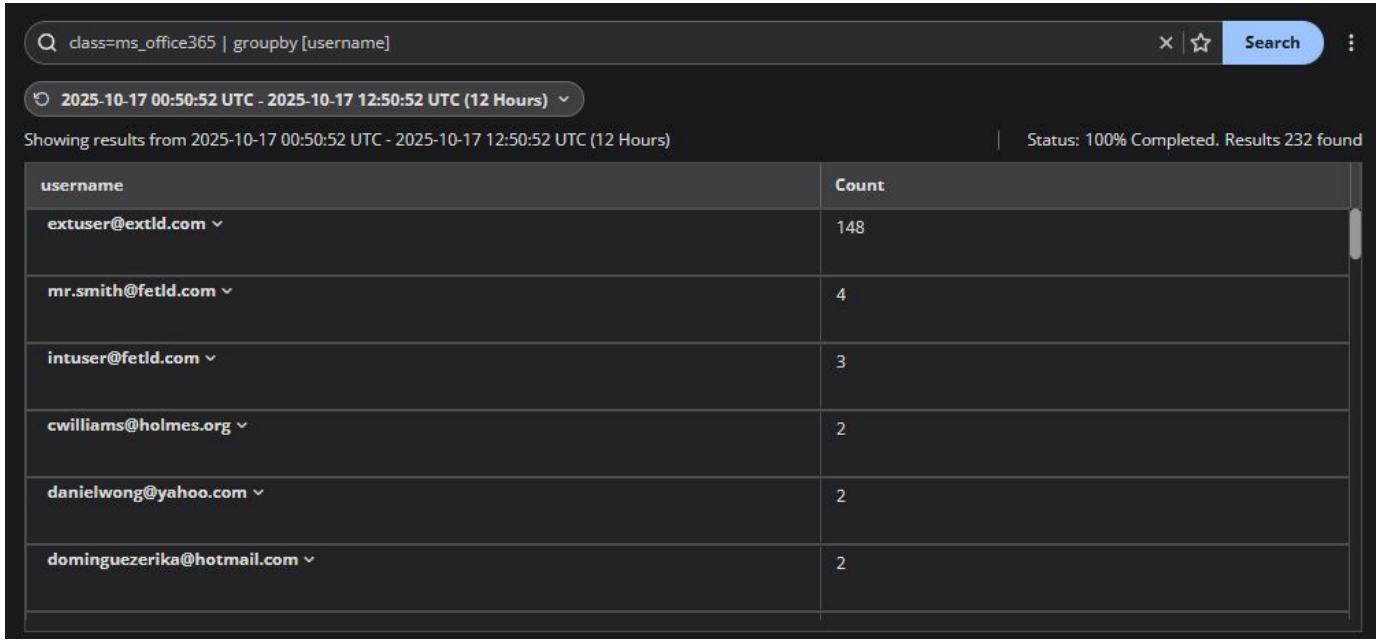
Anatomy of a TQL Query

High-level anatomy of an TQL query:

<filter section> | <transform section>



TQL query can use two types of clauses:

- **Searches:** data to be located based on exact matches, comparisons, ranges, and expressions.
- **Transforms:** allow you to modify the way that your query results are returned and displayed [Groupby, Sort,]

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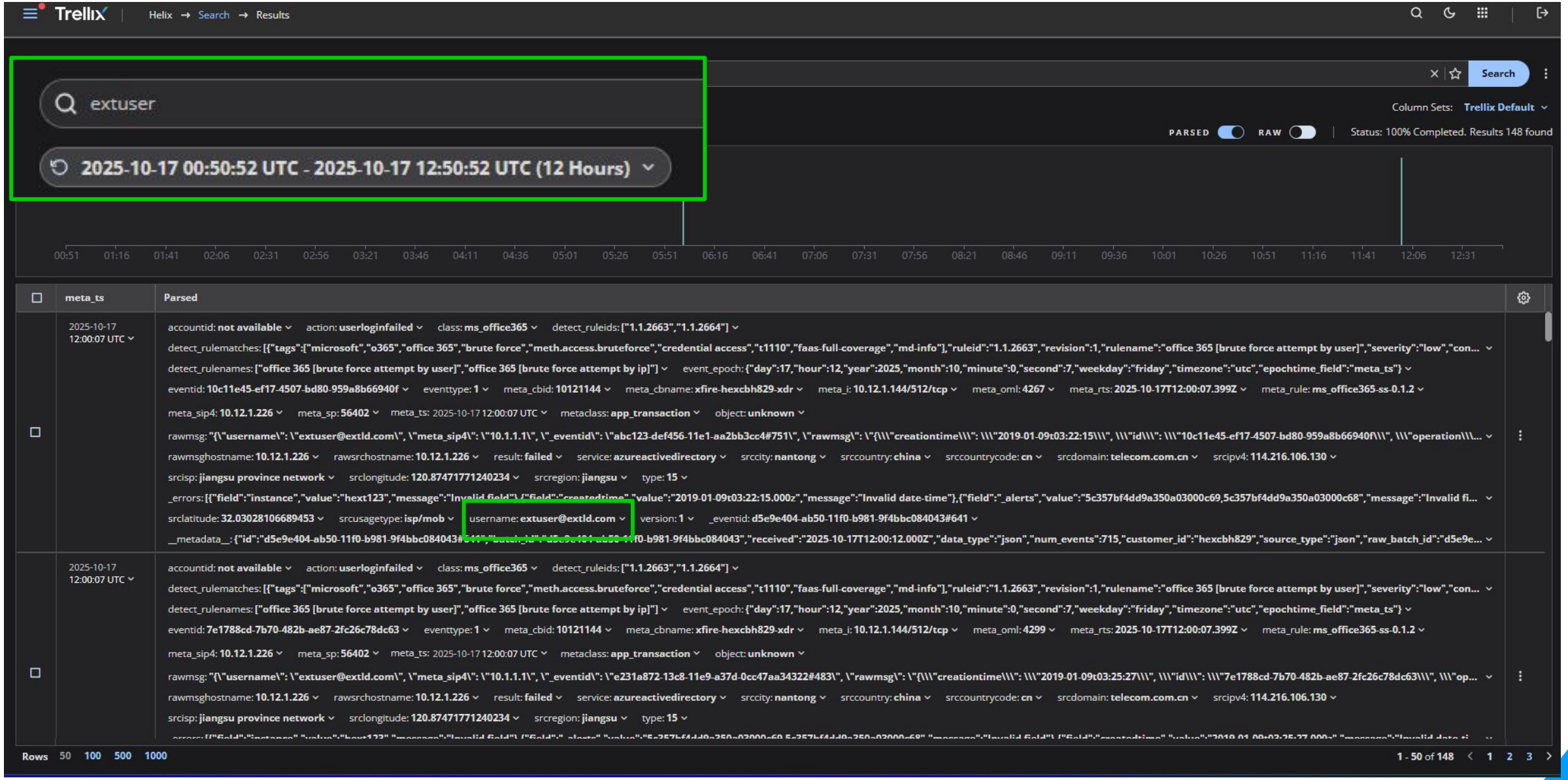
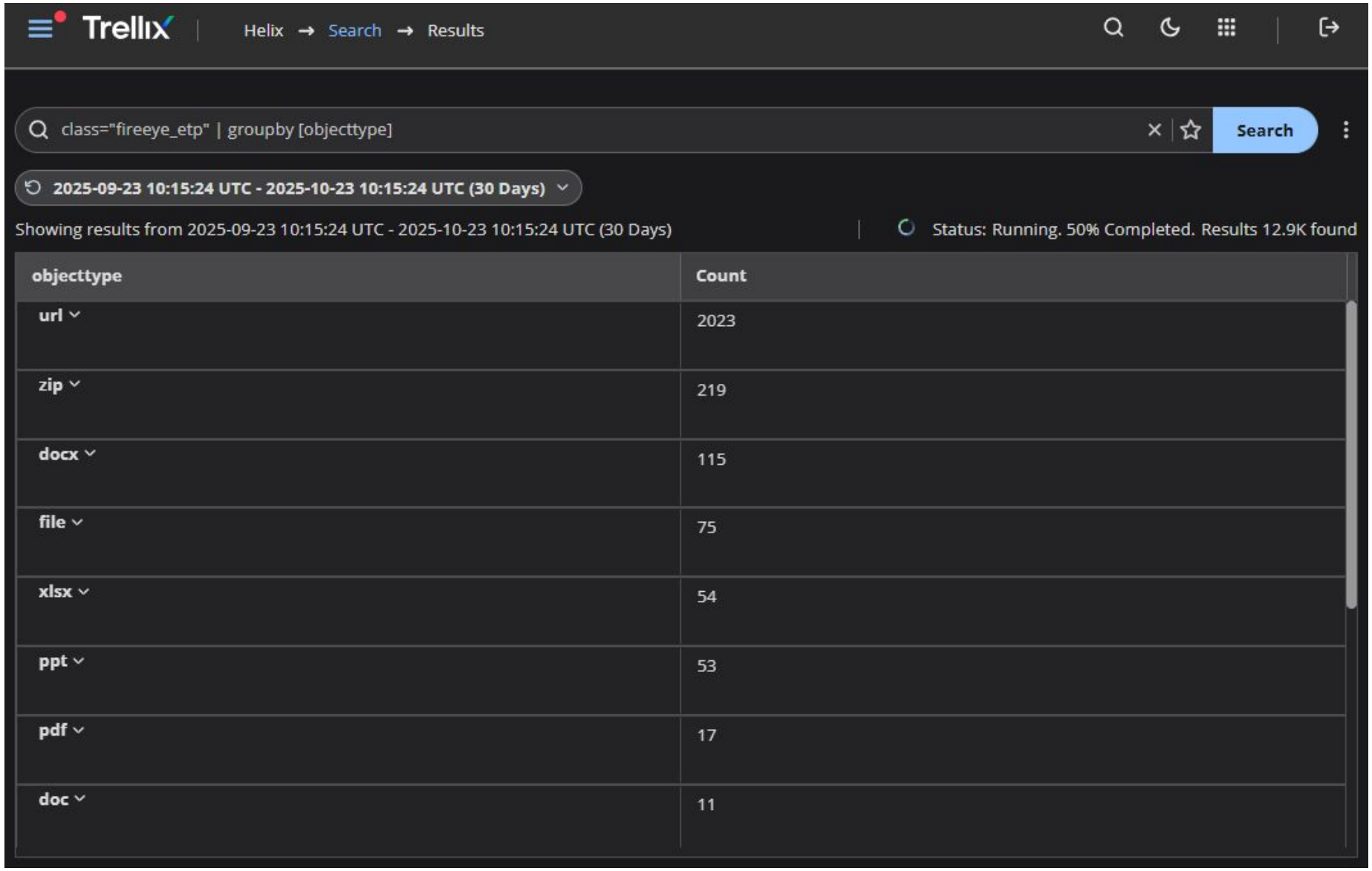
TQL - Examples



TQL - Transform Examples #1



objecttype	Count
url	2023
zip	219
docx	115
file	75
xlsx	54
ppt	53
pdf	17
doc	11

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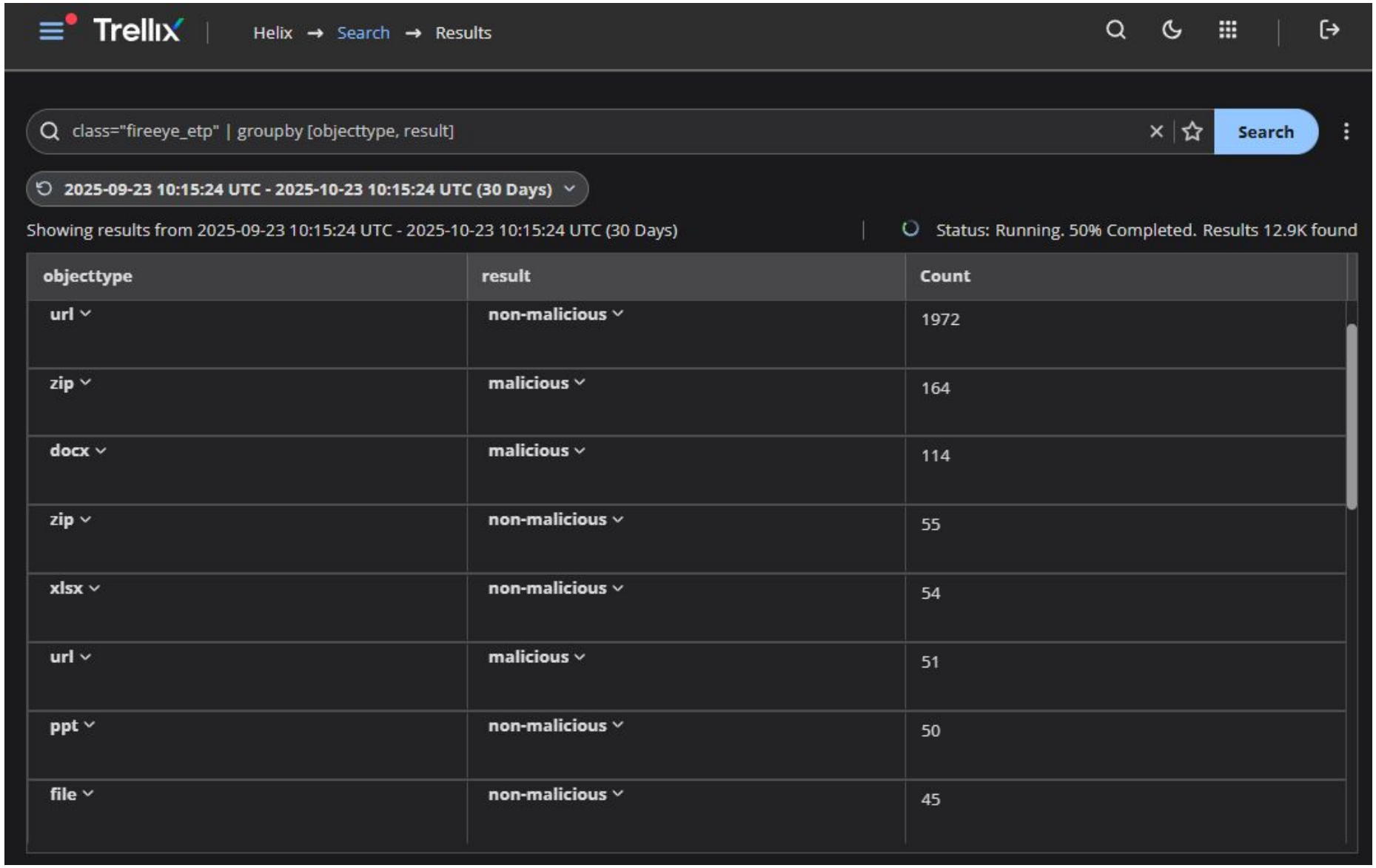
TQL - Transform Examples #2



objecttype	result	Count
url	non-malicious	1972
zip	malicious	164
docx	malicious	114
zip	non-malicious	55
xlsx	non-malicious	54
url	malicious	51
ppt	non-malicious	50
file	non-malicious	45

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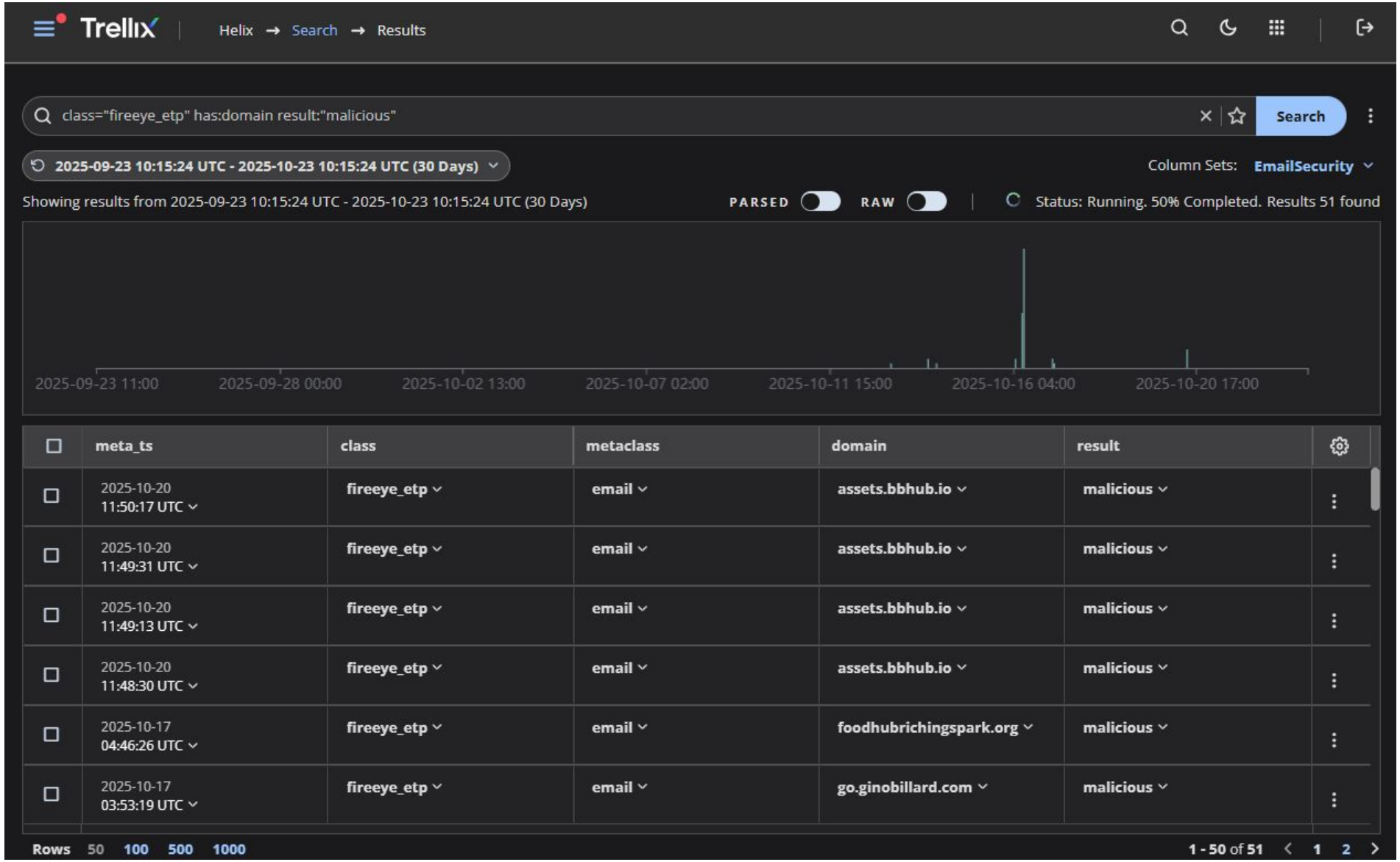
TQL - Functions Examples #1



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Alerting

Rules
Analytics
Correlations
UEBA
Cases

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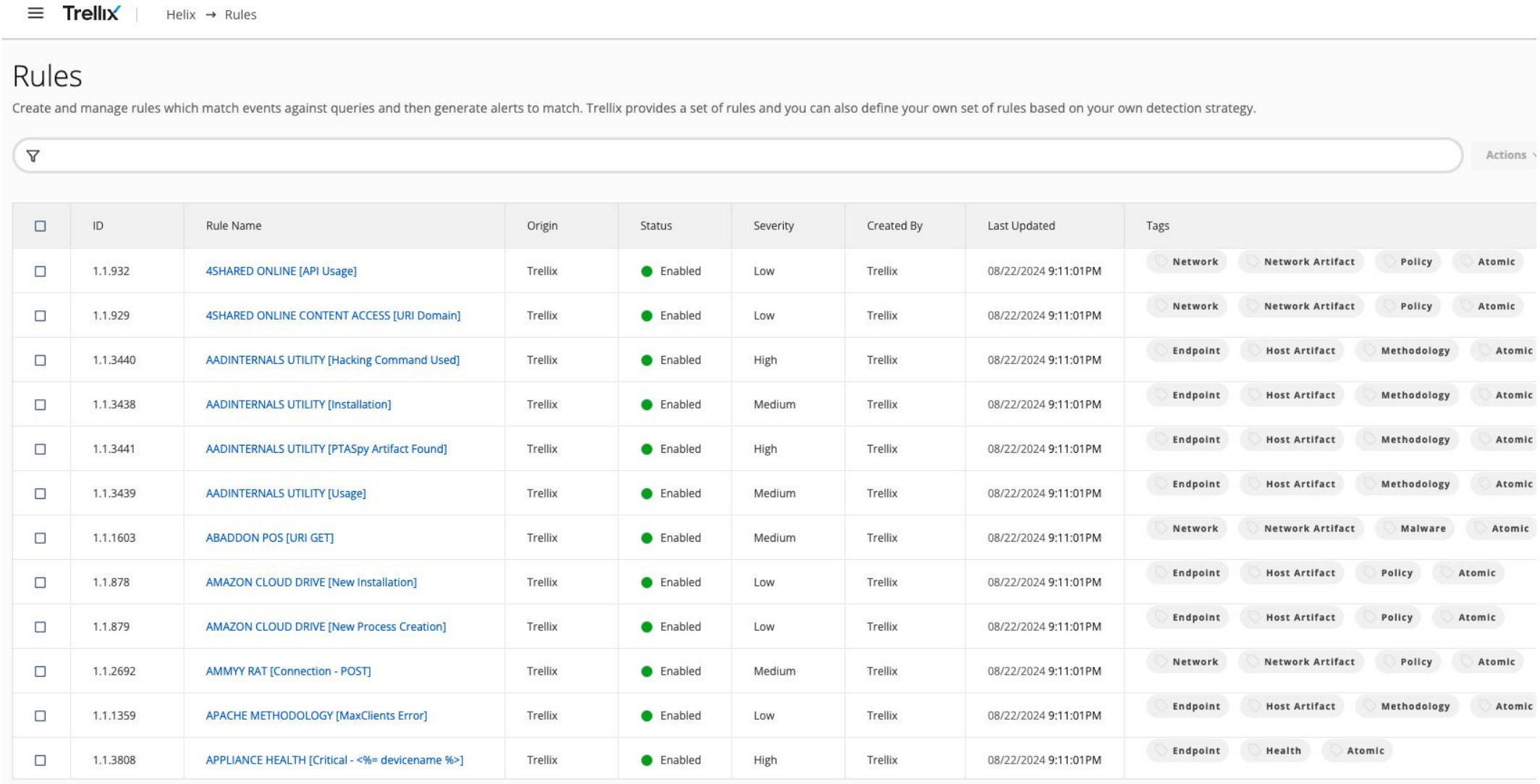
Rules



ID	Rule Name	Origin	Status	Severity	Created By	Last Updated	Tags
1.1.932	4SHARED ONLINE [API Usage]	Trellix	Enabled	Low	Trellix	08/22/2024 9:11:01PM	Network, Network Artifact, Policy, Atomic
1.1.929	4SHARED ONLINE CONTENT ACCESS [URI Domain]	Trellix	Enabled	Low	Trellix	08/22/2024 9:11:01PM	Network, Network Artifact, Policy, Atomic
1.1.3440	AADINTERNALS UTILITY [Hacking Command Used]	Trellix	Enabled	High	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Methodology, Atomic
1.1.3438	AADINTERNALS UTILITY [Installation]	Trellix	Enabled	Medium	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Methodology, Atomic
1.1.3441	AADINTERNALS UTILITY [PTASpy Artifact Found]	Trellix	Enabled	High	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Methodology, Atomic
1.1.3439	AADINTERNALS UTILITY [Usage]	Trellix	Enabled	Medium	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Methodology, Atomic
1.1.1603	ABADDON POS [URI GET]	Trellix	Enabled	Medium	Trellix	08/22/2024 9:11:01PM	Network, Network Artifact, Malware, Atomic
1.1.878	AMAZON CLOUD DRIVE [New Installation]	Trellix	Enabled	Low	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Policy, Atomic
1.1.879	AMAZON CLOUD DRIVE [New Process Creation]	Trellix	Enabled	Low	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Policy, Atomic
1.1.2692	AMMYY RAT [Connection - POST]	Trellix	Enabled	Medium	Trellix	08/22/2024 9:11:01PM	Network, Network Artifact, Policy, Atomic
1.1.1359	APACHE METHODOLOGY [MaxClients Error]	Trellix	Enabled	Low	Trellix	08/22/2024 9:11:01PM	Endpoint, Host Artifact, Methodology, Atomic
1.1.3808	APPLIANCE HEALTH [Critical - <%= devicename %>]	Trellix	Enabled	High	Trellix	08/22/2024 9:11:01PM	Endpoint, Health, Atomic

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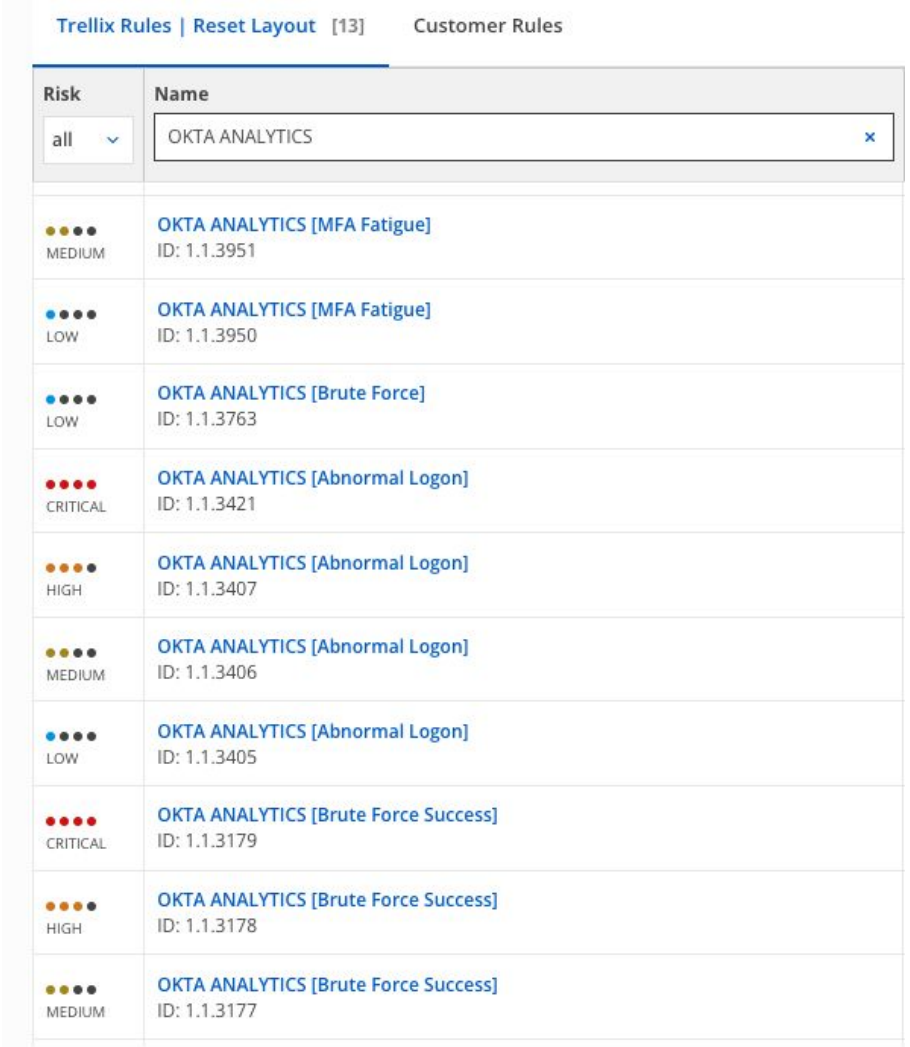
Analytics

50+ deployed analytics

- Brute force
- Phishing
- Data exfiltration
- Suspicious domains
- Reconnaissance commands
- Login activity anomalies
- Process execution anomalies
- Cloud data/resource access
- Windows share access
- Account creation/deletion activity
- AWS resource scanning



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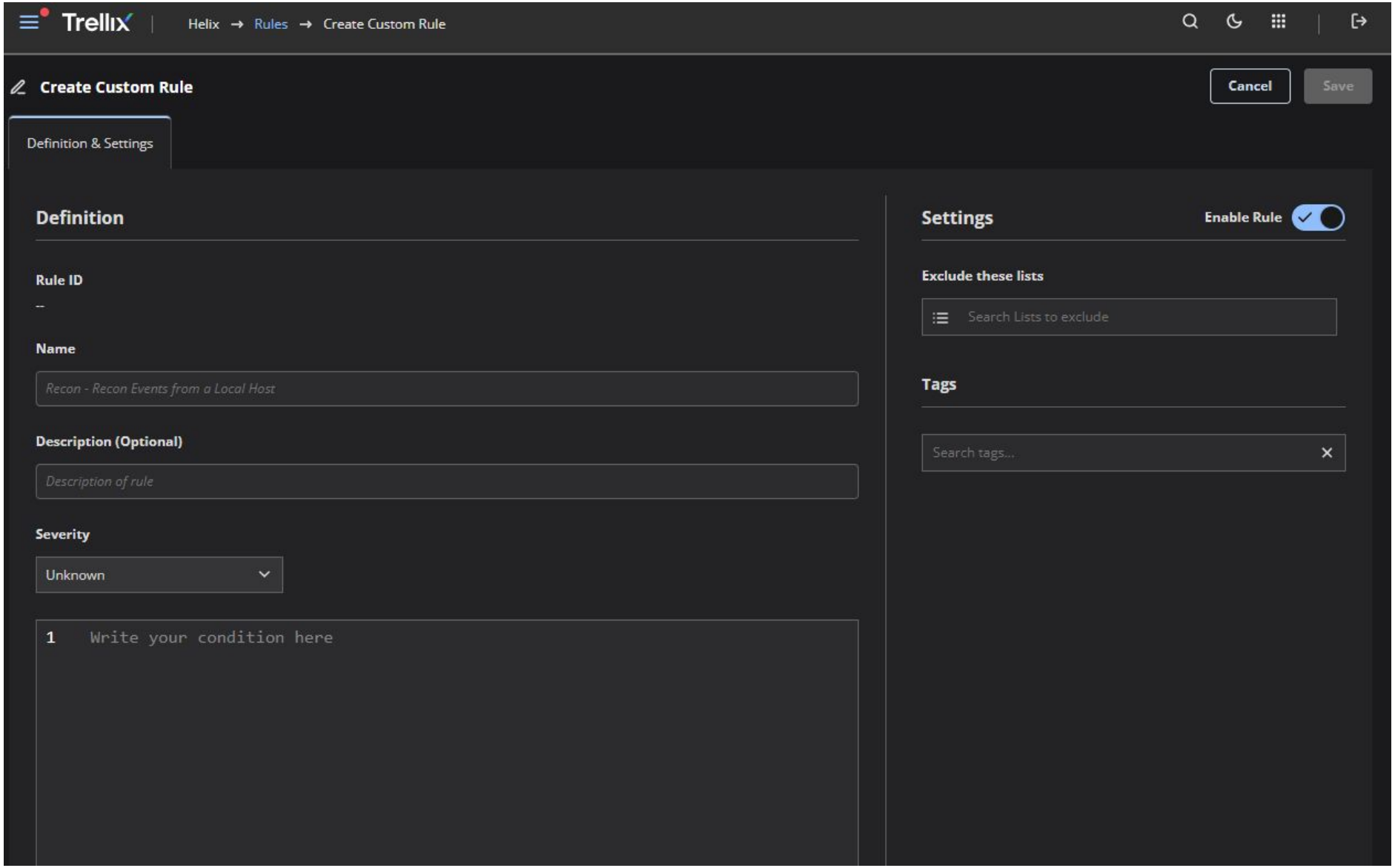
Rule creation tool



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ACE – Advanced Correlation Engine

Example 01 – A Simple Rule

Create an alert every time we see an event from source IP 121.131.141.151

```
threshold:  1
within:  1m
items:
  -  type:  fields
     match:  srcipv4 == 121.131.141.151
require:  1
```

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ACE – Advanced Correlation Engine

Example 02 – A Simple Rule with a Threshold

Create an alert if we see 10 events in a 1-minute window from source IP 121.131.141.151
1,000 events will generate 100 alerts.

```
threshold:  10
within:  1m
items:
  -  type:  fields
     match:  srcipv4 == 121.131.141.151
require:  1
```

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ACE – Advanced Correlation Engine

Example 03 – A Simple Rule with Groupby

Create an alert on ten login failures for the same user within 60 seconds.

```
threshold:  10
within:  60s
groupby:  username
items:
  -  type:  fields
     match:  class==  “ms_windows_event”  &&  eventid==“4624”  &&.  event_type == “audit_failure”
require:  1
```

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ACE – Advanced Correlation Engine

Example 04 – A Rule that correlates multiple events.

Create an alert when the same user has login success followed by failure within 60 seconds.

```
threshold:  1
within:  60s
groupby:  username
items:
  -  type:  fields
     match:  class==  “ms_windows_event”  &&  eventid==“4624”  &&.  event_type == “audit_failure”
  -  type:  fields
     match:  class==  “ms_windows_event”  &&  eventid==“4624”  &&.  event_type == “audit_success”
require:  2
ordered: true
```

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ACE – Advanced Correlation Engine

Example 05 – A Rule with Cardinality

Create an alert when the same user has logs in from five different IP addresses in ten minutes.

```
threshold: 1
within: 600s
groupby: username
items:
  - type: cardinality
    item:
    - type: fields
        match: class== “ms_office365” && action contains “userloggedin” && result == “success”
    require: 5
    cardinalityGroupby: srcipv4
```

Trellix

Lateral Movement: Suspicious File Write To WindowsApps Folder

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
groupby: srcipv4
require: 2
within: 1h
ordered: true
items:
- type: correlation
  require: 1
  within: 120s
  items:
  - type: fields
    groupby: "field(\"source\", string)"
    match: "xpod_ds_name == \"ace\" && rule_id == [\"1.1.4004\", \"2.2.0013\", \"\
      2.1.0067\", \"2.2.0014\"]"
  - type: fields
    groupby: srcipv4
    match: xpod_ds_name != "ace" && class == "mcafee_epo" && category == "av.detect"
      && !(srcipv4 inWatchlist "exclusions.global.srcipv4")
  - type: fields
    groupby: srcipv4
    match: xpod_ds_name != "ace" && class == "fireeye_nx_alert" && eventlog == "malware-object"
      && !(srcipv4 inWatchlist "exclusions.global.srcipv4")
- type: fields
  groupby: agentip
  match: "(filename == [\"foxprow.exe\", \"schdplus.exe\", \"winproj.exe\"] && ((class\
    \ == \"fireeye_hx_ioc\" && iocnames == \"file write to network share (methodology)\"\
    \ && filepath contains \"\\\\appdata\\\\local\\\\microsoft\\\\windowsapps\\\\\"\
    ) || (metaclass containsNoCase \"windows\" && eventid =~ \"5140\" && severity\
    \ =~ \"failure audit\" && filename contains \"\\\\appdata\\\\local\\\\microsoft\\\
    \\windowsapps\\\\\")) || (metaclass containsNoCase \"windows\" && pprocess containsNoCase\
    \ [\"\\\\winword.exe\", \"\\\\excel.exe\", \"\\\\powerpnt.exe\", \"\\\\eqnedt32.exe\"\
    , \"\\\\onenote.exe\", \"\\\\Graph.exe\", \"\\\\MSAccess.exe\", \"\\\\MSPub.exe\"\
    , \"\\\\PowerPoint.exe\", \"\\\\Visio.exe\", \"\\\\WinProj.exe\", \"\\\\WinWord.exe\"\
    , \"\\\\Wordpad.exe\"] && process containsNoCase [\"foxprow.exe\", \"schdplus.exe\"\
    , \"winproj.exe\"])"
```

```
output:
- field: $.source
  value: agentip
metadata:
  attacks:
  - tactics:
    - name: Lateral Movement
      uid: TA0008
    technique:
      name: Lateral Tool Transfer
      uid: T1570
    version: "1.4"
  - tactics:
    - name: Lateral Movement
      uid: TA0008
    technique:
      name: SMB/Windows Admin Shares
      uid: T1021.002
    version: "1.3"
  - tactics:
    - name: Lateral Movement
      uid: TA0008
    technique:
      name: Distributed Component Object Model
      uid: T1021.003
    version: "1.3"
  - tactics:
    - name: Execution
      uid: TA0002
    technique:
      name: Malicious File
      uid: T1204.002
    version: "1.5"
  created: "1730719351"
  recommended_action:
  - 2.1.1
  - 2.1.5
  - 3.2.4
  - 3.2.5
  - 2.3.3
  revision: 3
```

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 1/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
groupby: srcipv4
require: 2
within: 1h
ordered: true
items:
```

- all events need to have the same source ipv4 address (otherwise a new instance is forked)
- two of the following items (Detail 2-5 AND Detail 6)
  - need to match for the rule to trigger
  - within 1 hour
  - order does matter

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 2/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
- type: correlation
  require: 1
  within: 120s
  items:
```

- This rule is of the type “standard rule correlation”
- this item needs
  - one occurrence
  - of the following (see next three slides) to happen
  - within 120 seconds

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 3/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
- type: fields
  groupby: "field(\"source\", string)"
  match: "xpod_ds_name == \"ace\" && rule_id == [\"1.1.4004\", \"2.2.0013\", \"\2.1.0067\", \"2.2.0014\"]"
```

- matches on fields (of events)
- Event needs to
  - originate from the data source (xpod_ds_name) ACE
  - AND
  - must have rule_id 1.1.4004 or 2.2.0013 or 2.1.0067 or 2.2.0014

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 4/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
- type: fields
  groupby: srcipv4
  match: xpod_ds_name != "ace" && class == "mcafee_epo" && category == "av.detect"
      && !(srcipv4 inWatchlist "exclusions.global.srcipv4")
```

- matches on fields (of events)
- Event needs to
  - originate NOT from the data source (xpod_ds_name) ACE
  - AND
  - have class “mcafee_epo”
  - AND
  - have category “av.detect”
  - AND
  - must NOT have sourceipv4 present in watchlist exclusions.global.sourceipv4

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 5/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
- type: fields
  groupby: srcipv4
  match: xpod_ds_name != "ace" && class == "fireeye_nx_alert" && eventlog == "malware-object"
    && !(srcipv4 inWatchlist "exclusions.global.srcipv4")
```

- matches on fields (of events)
- Event needs to
  - originate NOT from the data source (xpod_ds_name) ACE
  - AND
  - have class “fireeye_nx_alert”
  - AND
  - have eventlog “malware-object”
  - AND
  - must NOT have sourceipv4 present in watchlist exclusions.global.sourceipv4

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 6/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
- type: fields
  groupby: agentip
  match: "(filename == [\"foxprow.exe\", \"schdplus.exe\", \"winproj.exe\"] && ((class\
    \ == \"fireeye_hx_ioc\" && iocnames == \"file write to network share (methodology)\"\
    \ && filepath contains \"\\\\appdata\\\\local\\\\microsoft\\\\windowsapps\\\\\"\
  ) || (metaclass containsNoCase \"windows\" && eventid =~ \"5140\" && severity\
  \ =~ \"failure audit\" && filename contains \"\\\\appdata\\\\local\\\\microsoft\\\
  \\windowsapps\\\\\")) || (metaclass containsNoCase \"windows\" && pprocess containsNoCase\
  \ [\"\\\\winword.exe\", \"\\\\excel.exe\", \"\\\\powerpnt.exe\", \"\\\\eqnedt32.exe\"\
  , \"\\\\onenote.exe\", \"\\\\Graph.exe\", \"\\\\MSAccess.exe\", \"\\\\MSPub.exe\"\
  , \"\\\\PowerPoint.exe\", \"\\\\Visio.exe\", \"\\\\WinProj.exe\", \"\\\\WinWord.exe\"\
  , \"\\\\Wordpad.exe\"] && process containsNoCase [\"foxprow.exe\", \"schdplus.exe\"\
  , \"winproj.exe\"])"
```

- metaclass contains (case insensitive) "windows" AND pprocess contains (case insensitive) "\\winword.exe" OR "\\excel.exe" OR "\\powerpnt.exe" OR "\\eqnedt32.exe" OR "\\onenote.exe" OR "\\Graph.exe" OR "\\MSAccess.exe" OR "\\MSPub.exe" OR "\\PowerPoint.exe" OR "\\Visio.exe" OR "\\WinProj.exe" OR "\\WinWord.exe" OR "\\Wordpad.exe"
- eventid is "5140" AND severity is "failure audit" AND filename contains "\\appdata\\local\\microsoft\\windowsapps\\"

filename contains "\\appdata\\local\\microsoft\\windowsapps\\" AND process contains (case insensitive) foxprow.exe or schdplus.exe or winproj.exe

filename contains "\\appdata\\local\\microsoft\\windowsapps\\" AND process contains (case insensitive) foxprow.exe or schdplus.exe or winproj.exe

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 7/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
output:
- field: $.source
  value: agentip
```

- add field “source”
- with value of field “agentip”
- to correlated event

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Lat Mov: Susp File Write To WindowsApps Folder - Detail 8/8

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
metadata:
  attacks:
  - tactics:
    - name: Lateral Movement
      uid: TA0008
    technique:
      name: Lateral Tool Transfer
      uid: T1570
    version: "1.4"
...
  created: "1730719351"
  recommended_action:
  - 2.1.1
...
  revision: 3
```

- add metadata
  - MITRE mappings
  - creation date (automatic)
  - recommended actions
  - revision information (automatic)

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Lateral Movement: Suspicious File Write To WindowsApps Folder

Detected a known malware process writing a file to the WindowsApps directory. This action is associated with preparing for lateral movement by exploiting DCOM application objects.

```
groupby: srcipv4
require: 2
within: 1h
ordered: true
items:
- type: correlation
  require: 1
  within: 120s
  items:
  - type: fields
    groupby: "field(\"source\", string)"
    match: "xpod_ds_name == \"ace\" && rule_id == [\"1.1.4004\", \"2.2.0013\", \"\
      2.1.0067\", \"2.2.0014\"]"
  - type: fields
    groupby: srcipv4
    match: xpod_ds_name != "ace" && class == "mcafee_epo" && category == "av.detect"
      && !(srcipv4 inWatchlist "exclusions.global.srcipv4")
  - type: fields
    groupby: srcipv4
    match: xpod_ds_name != "ace" && class == "fireeye_nx_alert" && eventlog == "malware-object"
      && !(srcipv4 inWatchlist "exclusions.global.srcipv4")
- type: fields
  groupby: agentip
  match: "(filename == [\"foxprow.exe\", \"schdplus.exe\", \"winproj.exe\"] && ((class\
    \ == \"fireeye_hx_ioc\" && iocnames == \"file write to network share (methodology)\"\
    \ && filepath contains \"\\\\appdata\\\\local\\\\microsoft\\\\windowsapps\\\\\"\
    ) || (metaclass containsNoCase \"windows\" && eventid =~ \"5140\" && severity\
    \ =~ \"failure audit\" && filename contains \"\\\\appdata\\\\local\\\\microsoft\\\
    \\windowsapps\\\\\")) || (metaclass containsNoCase \"windows\" && pprocess containsNoCase\
    \ [\"\\\\winword.exe\", \"\\\\excel.exe\", \"\\\\powerpnt.exe\", \"\\\\eqnedt32.exe\"\
    , \"\\\\onenote.exe\", \"\\\\Graph.exe\", \"\\\\MSAccess.exe\", \"\\\\MSPub.exe\"\
    , \"\\\\PowerPoint.exe\", \"\\\\Visio.exe\", \"\\\\WinProj.exe\", \"\\\\WinWord.exe\"\
    , \"\\\\Wordpad.exe\"] && process containsNoCase [\"foxprow.exe\", \"schdplus.exe\"\
    , \"winproj.exe\"])"
```

```
output:
- field: $.source
  value: agentip
metadata:
  attacks:
  - tactics:
    - name: Lateral Movement
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    technique:
      name: Lateral Tool Transfer
      uid: T1570
    version: "1.4"
  - tactics:
    - name: Lateral Movement
      uid: TA0008
    technique:
      name: SMB/Windows Admin Shares
      uid: T1021.002
    version: "1.3"
  - tactics:
    - name: Lateral Movement
      uid: TA0008
    technique:
      name: Distributed Component Object Model
      uid: T1021.003
    version: "1.3"
  - tactics:
    - name: Execution
      uid: TA0002
    technique:
      name: Malicious File
      uid: T1204.002
    version: "1.5"
  created: "1730719351"
  recommended_action:
  - 2.1.1
  - 2.1.5
  - 3.2.4
  - 3.2.5
  - 2.3.3
  revision: 3
```

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User & Entity Behavior Analytics

Monitor user and entity activity over time to identify anomalies

Examples

- Account logs in from a particular country for the first time
- Host executes a particular process for the first time
- Sum of byte count for host in past day is some standard deviations above daily average

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Investigation

Alerts
Cases
Wise for Helix

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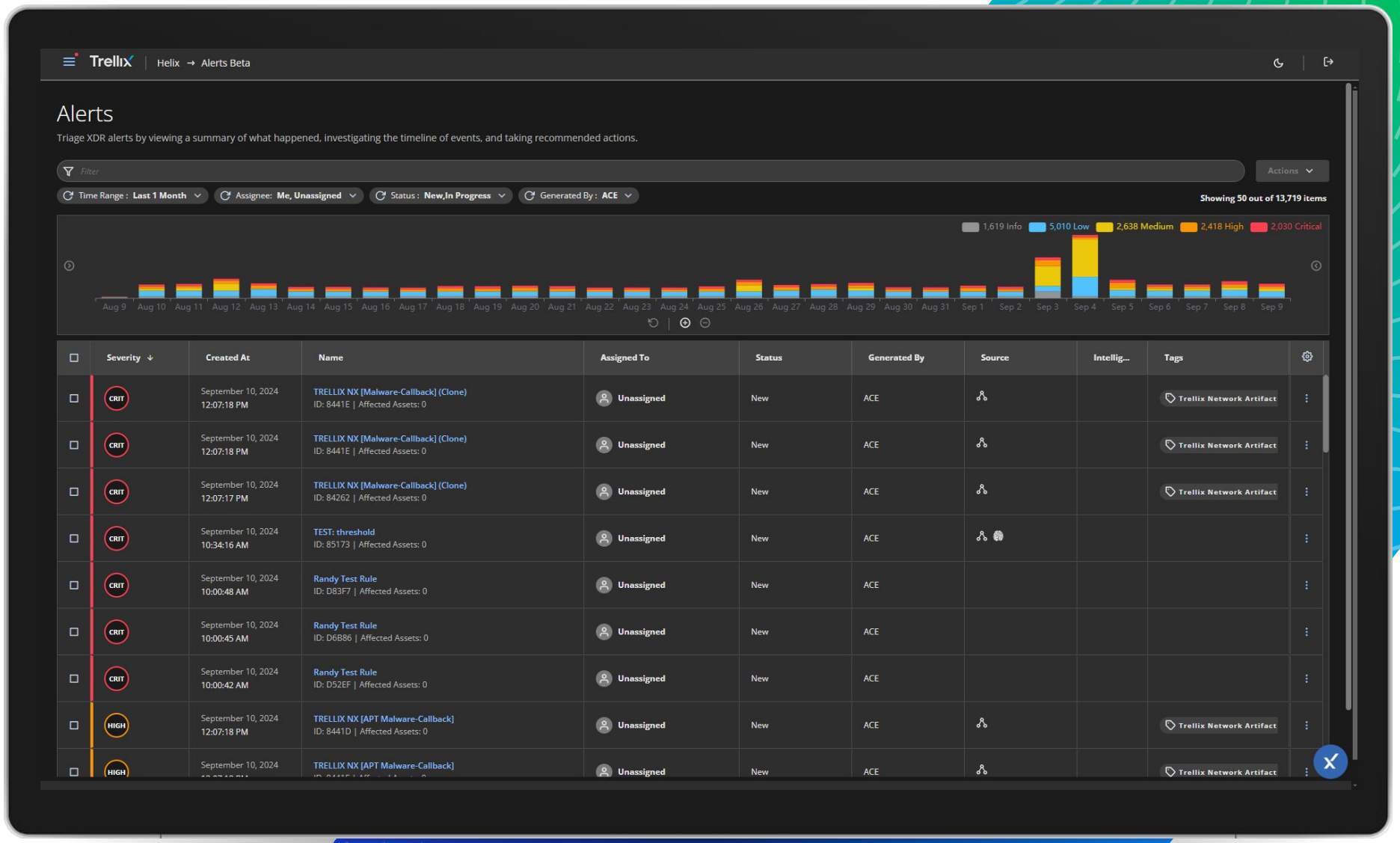
Alerts

Alert Based Triage

Traditional Approach

Who? What? Where?

Correlated and Aggregated



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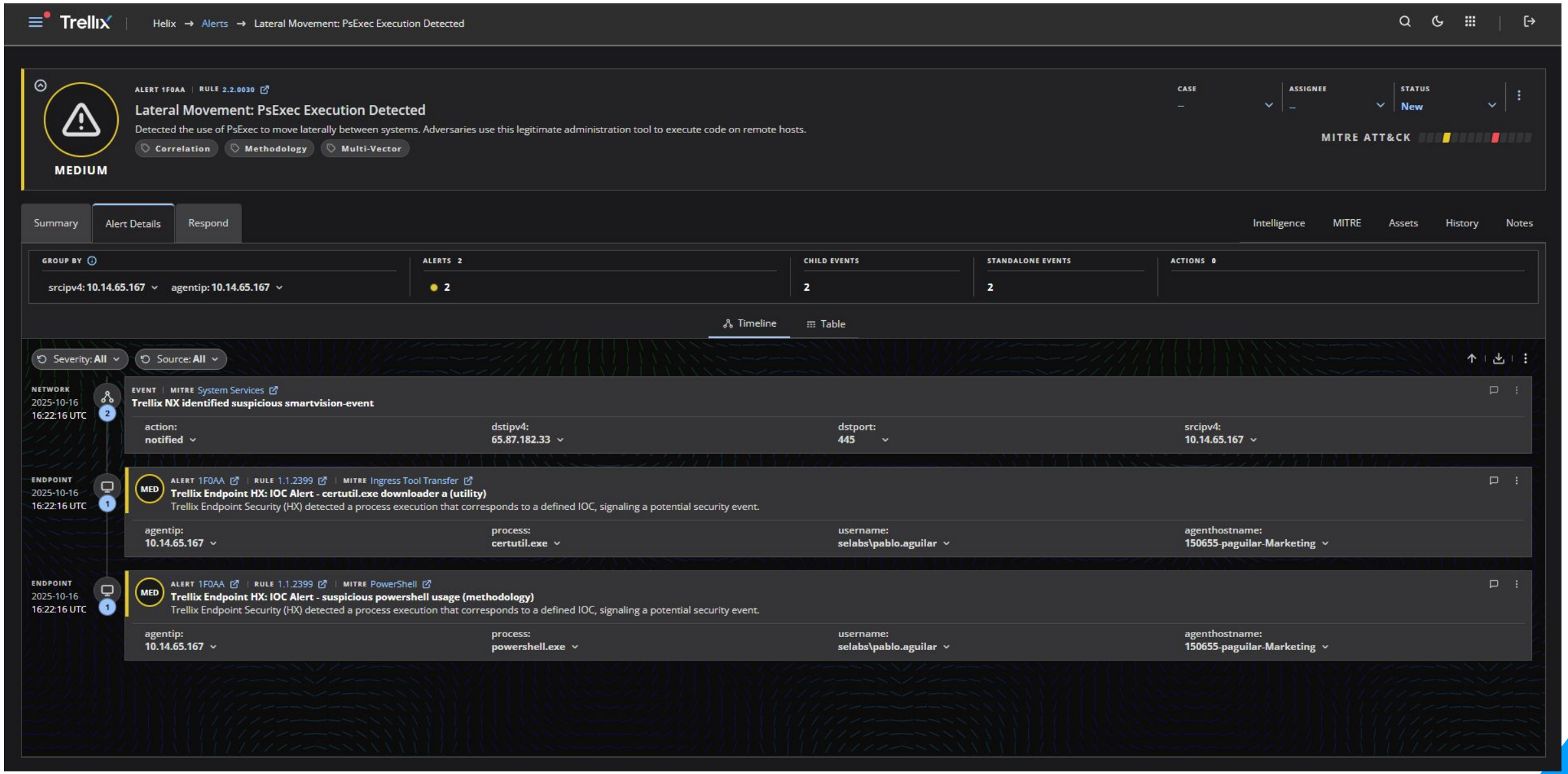
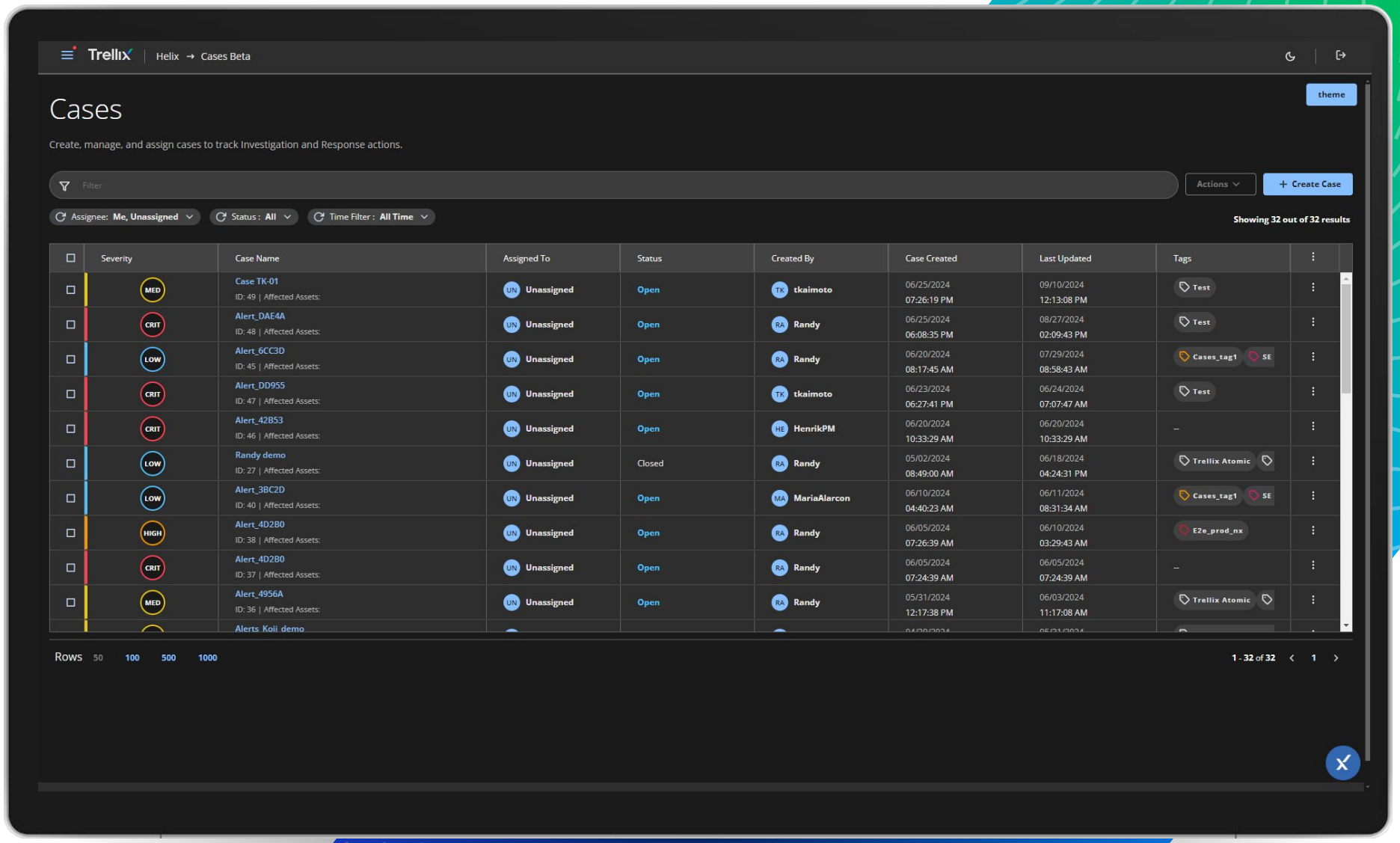
Managing Alerts



Cases

Promote Alerts and Threats to Cases

Assign Cases



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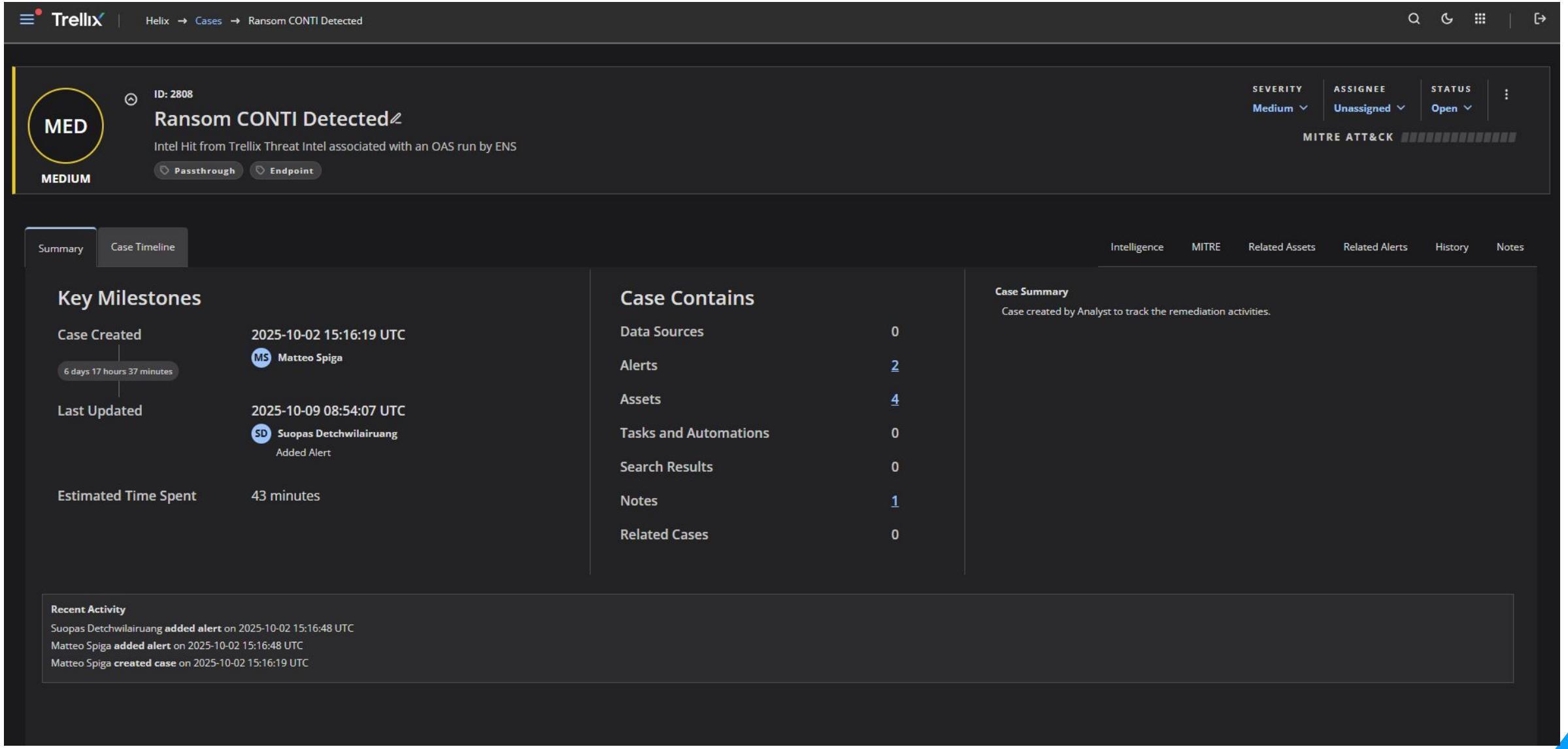
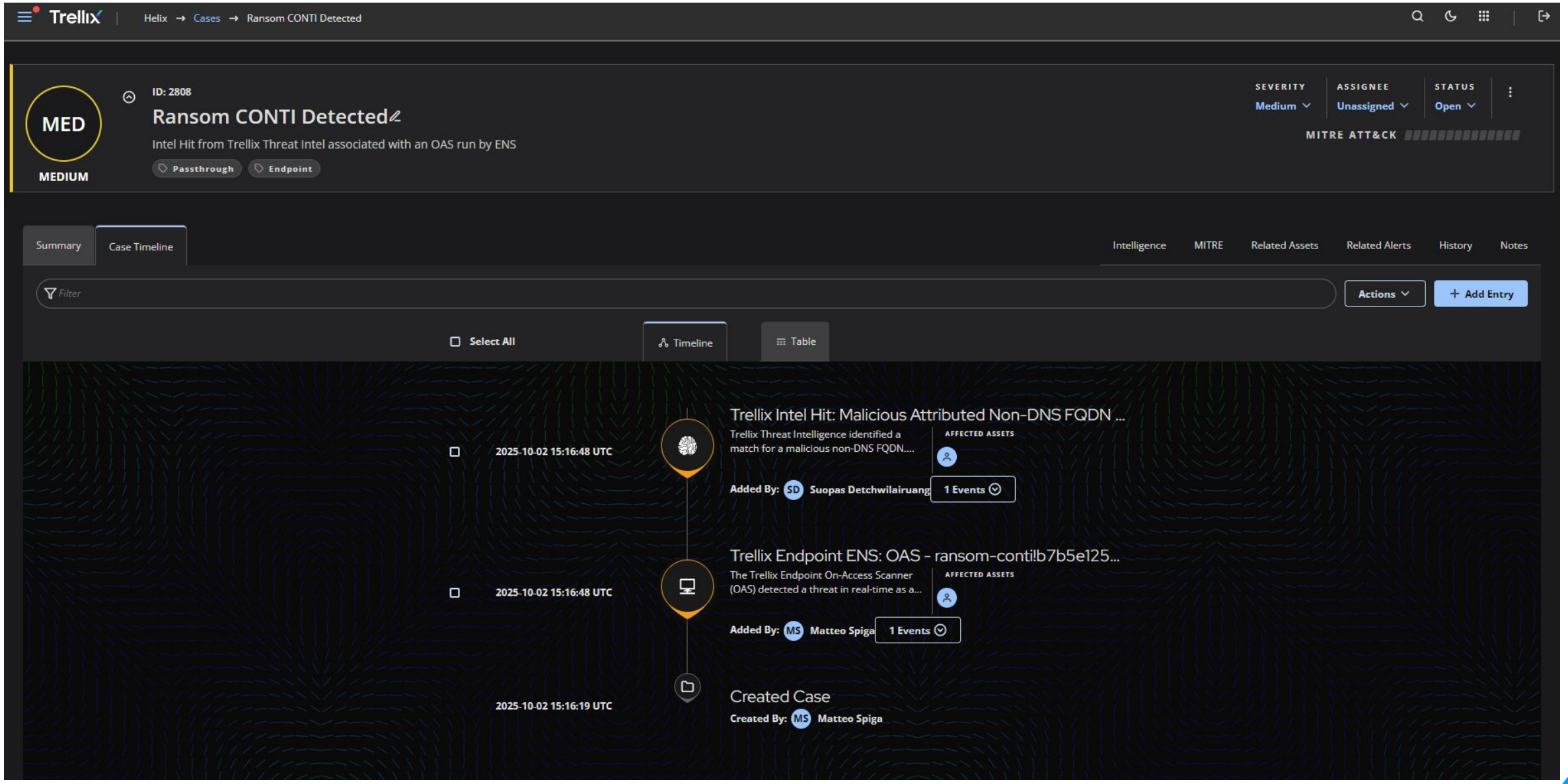
Case Details



Case Timeline



Trellix Wise

1. No alert left behind; 100% investigated
2. Automate SOC investigation and response workflows
3. Improve analyst efficiency by 5x
4. Reduce MTTD and MTTR by 50%

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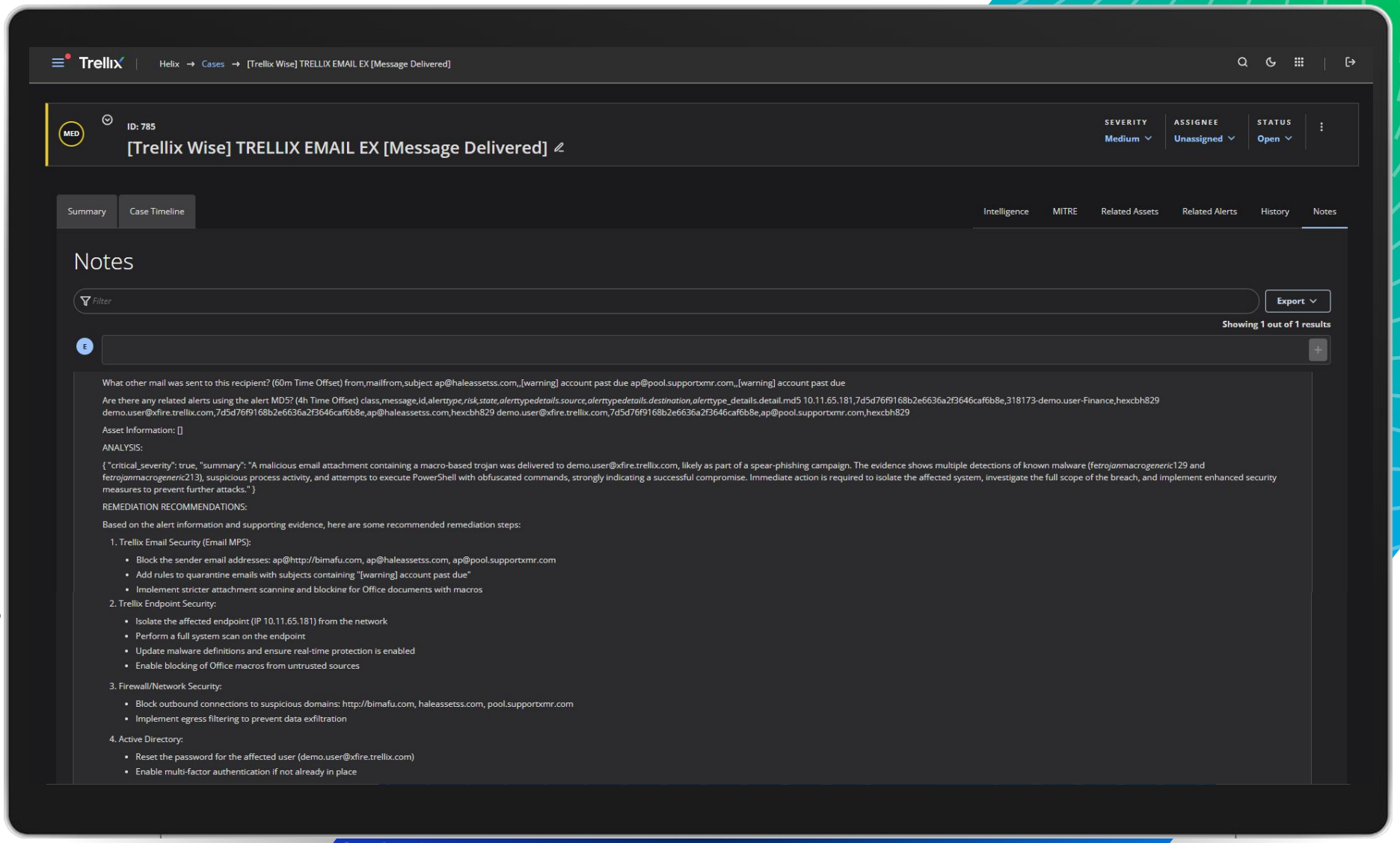
Trellix Wise for Helix

Running in Background

Upskill Teams

Auto-Prioritized Alerts

Suggested Remediations



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Response

Hyperautomation

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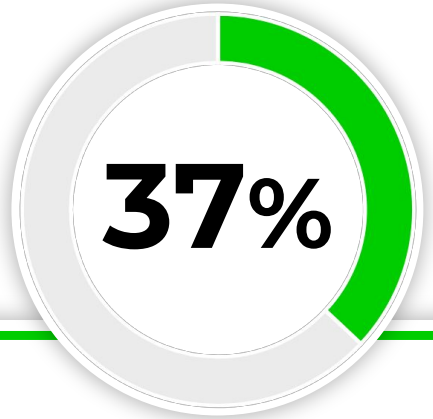
Why is Automation Essential to SecOps?

of CISOs agree ransomware incorporating AI is a significant risk

EFFICACY



of CISOs would like increased levels of automation to help perform their responsibilities more effectively

EFFICIENCY

Of workers say heavy workloads are a top stressor while **43%** cite long hours

WORKLOADS

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What is Hyperautomation?

"Hyperautomation is a business-driven, disciplined approach that organizations use to rapidly identify, vet and automate as many business and IT processes as possible."

Security Hyperautomation involves the orchestrated use of multiple technologies, tools or platforms, including: artificial intelligence (AI), low-code/no-code tools, packaged software, and other types of decision, process and task automation tools."

Gartner Research

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SOAR vs. Hyperautomation

Why aren't traditional automation solutions enough?

SOAR

- Coding Expertise Required
- Restricted automation capabilities
- Limited AI
- Challenging to integrate products
- High implementation and maintenance costs

Hyperautomation

- Low-code, no-code solution
- Automation across tools, environments
- Deeper AI integration capabilities
- broader , simplified integrations
- Faster implementation, low maintenance

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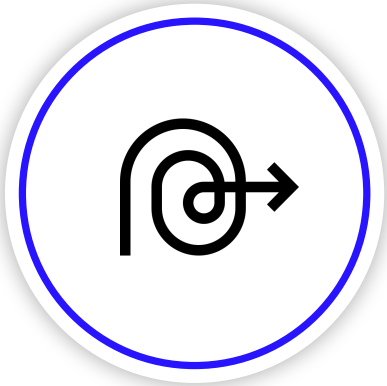
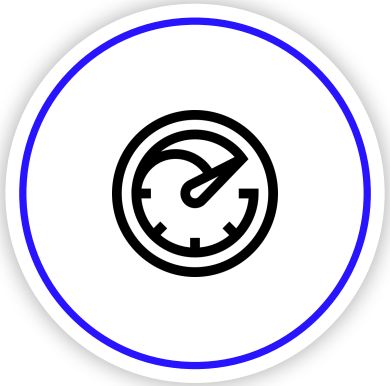
How Does Hyperautomation Help Response Times ?



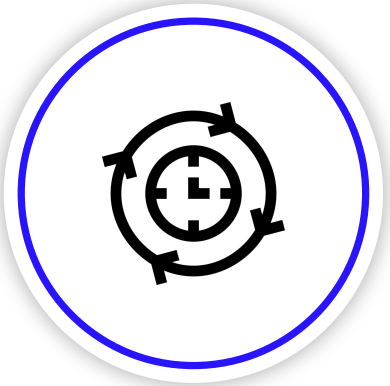
Reducing Complexity

Integrating data from tools to unite SecOps workflows



Enhancing speed and accuracy

Automated responses, analysis, intelligence enrichment



Improving Efficiency

Offloading repeat tasks, empowering more analysts to create automation

Rapid response, minimal manual intervention

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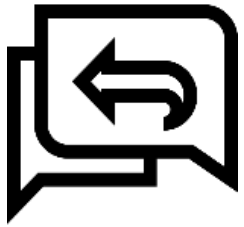
How do you Make Automation Successful?

UNIFY

Pre-built, app agnostic integrations



SIMPLIFY

Standardized, shareable workflows

AMPLIFY

Low-code, team-focused automation

Low cost, low risk architecture

Speed visibility, drive efficiency & shift to “automate-first”

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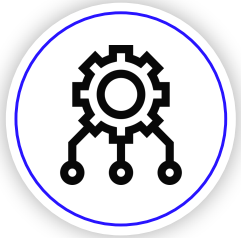
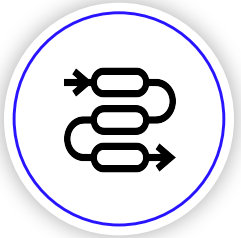
Speed Workflows and Amplify Outcomes with Trellix



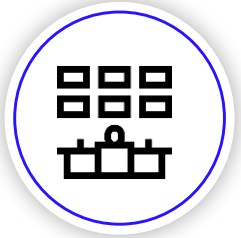
Trellix & 3rd Party Integrations

Pre-built or build your own



No-Code Workflows

Drag and drop, shareable



Cross Function Collaboration

Designed for Fusion teams

Data Privacy & Efficiency

Lower Cost, Lower Risk

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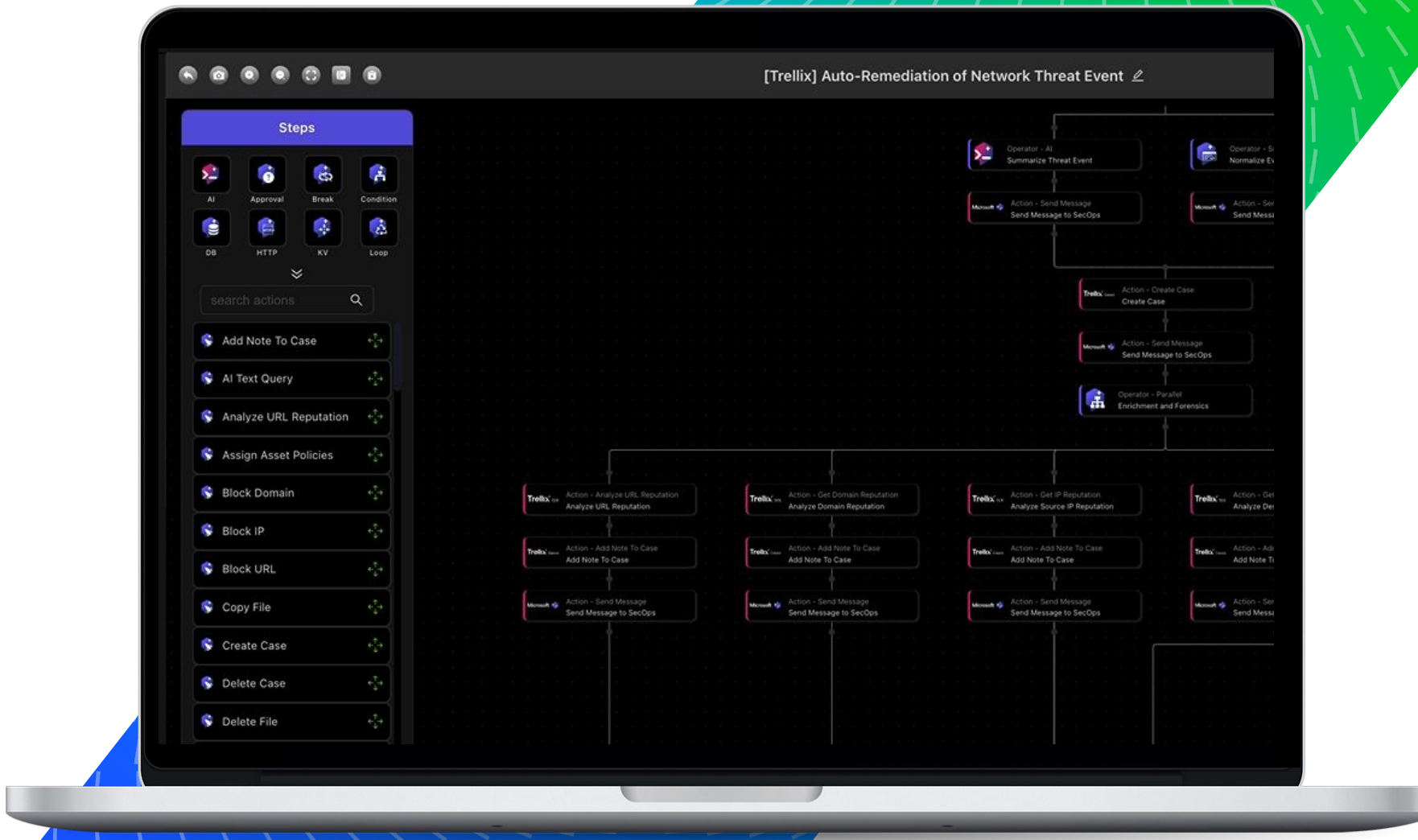
Trellix Hyperautomation

Drag-and-drop workflow builder

Edges to take action in multiple environments

Integrate nearly anything with an API



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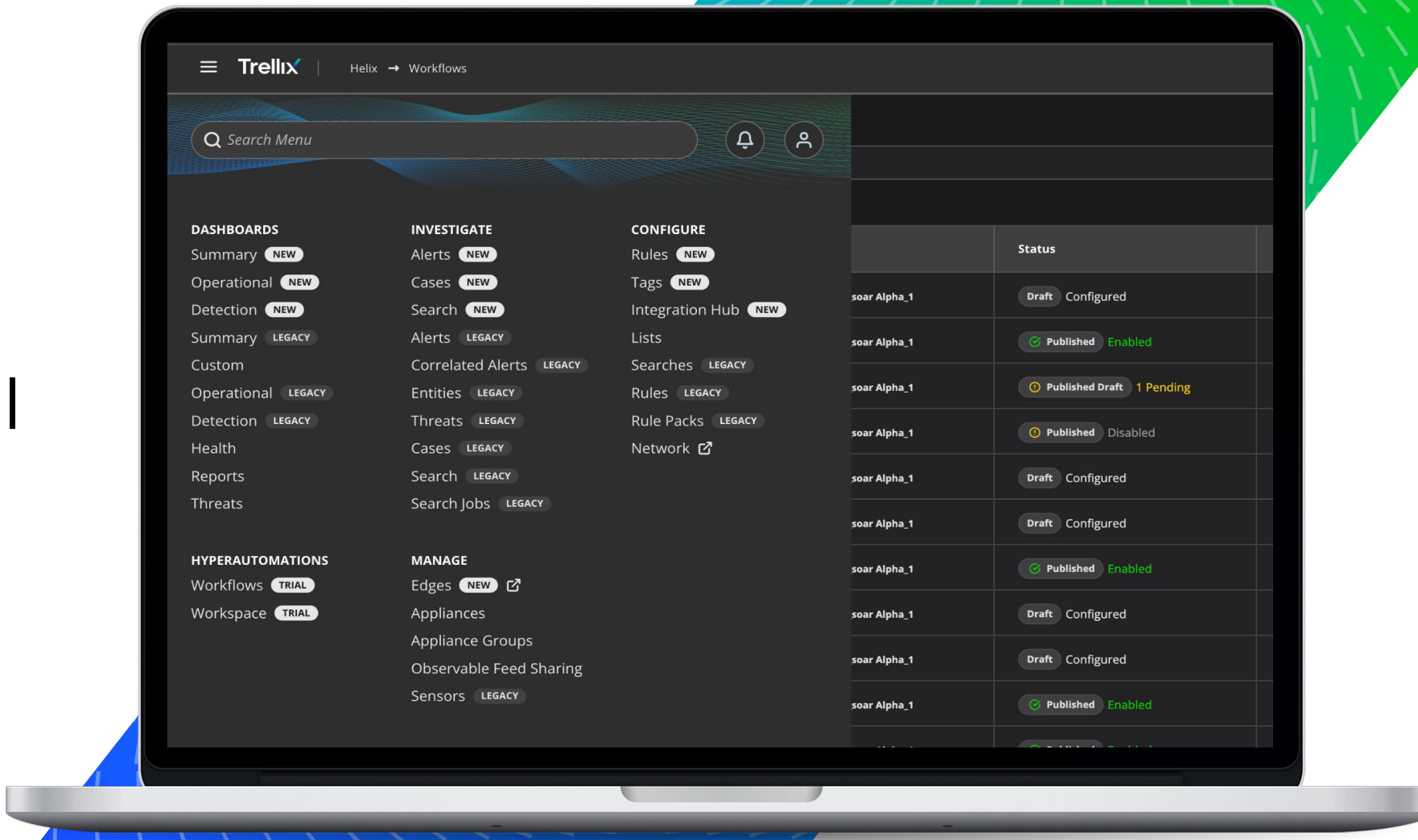
Integrated Directly into Helix

Our SecOps tool for connecting solutions, detection, response, and hunting



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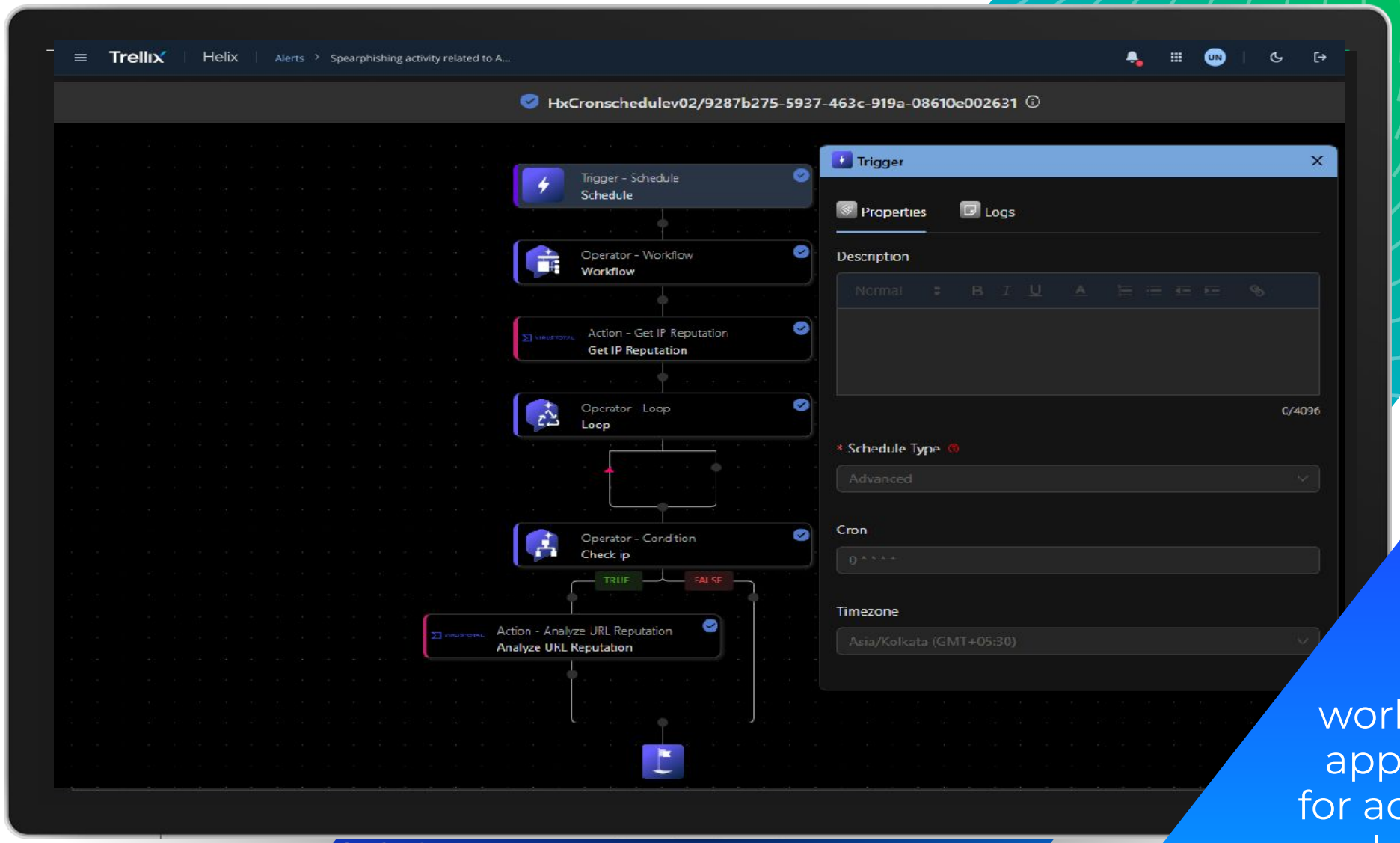
Makes Automated Responses Easy



Create workflows and apply triggers for actions using low-code editing

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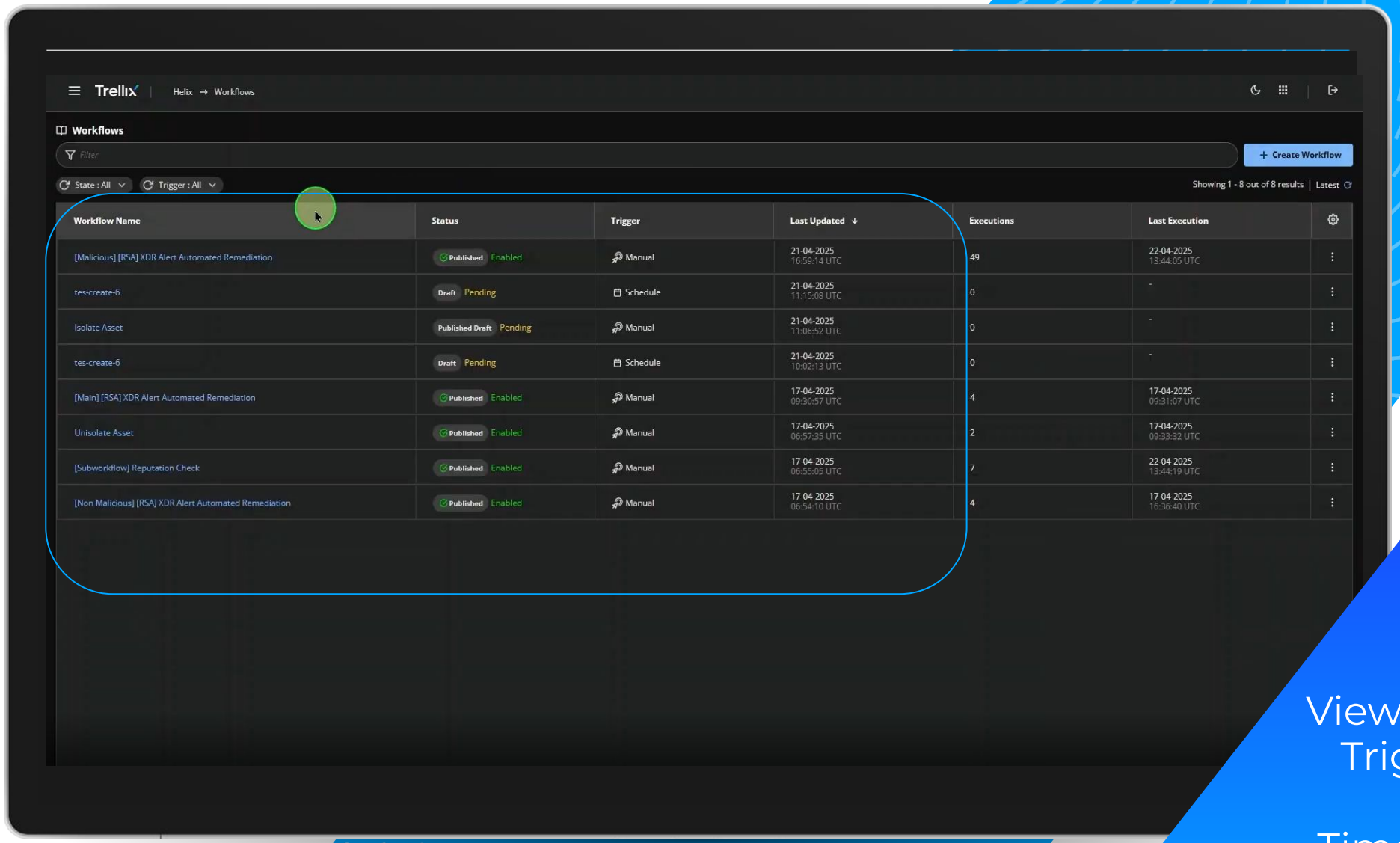
Easily View Workflow Status



View the Status, Trigger Type and Timestamps of Workflows

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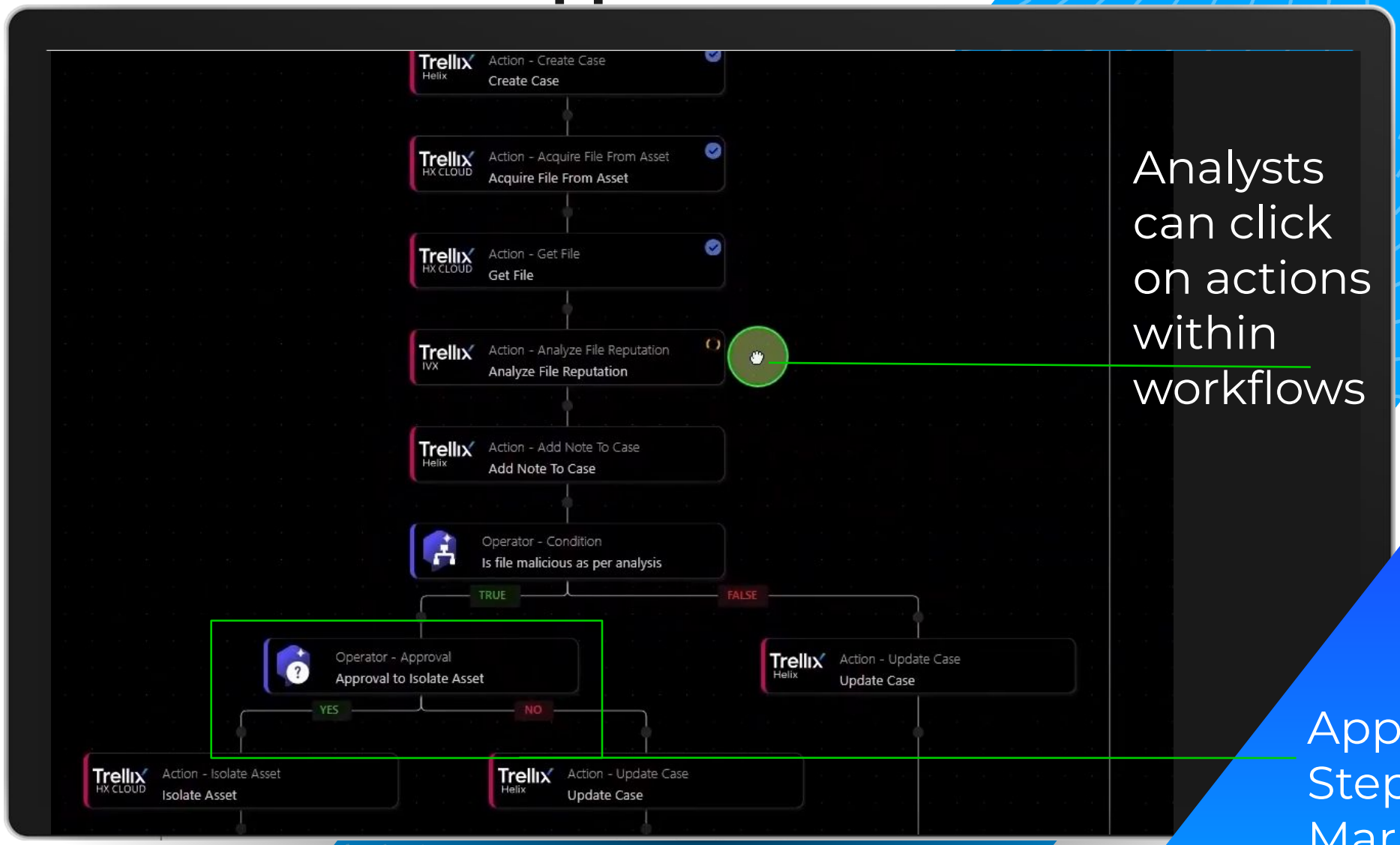
Workflow Actions and Approvals



Analysts can click on actions within workflows

Approval Steps are Marked for Responders

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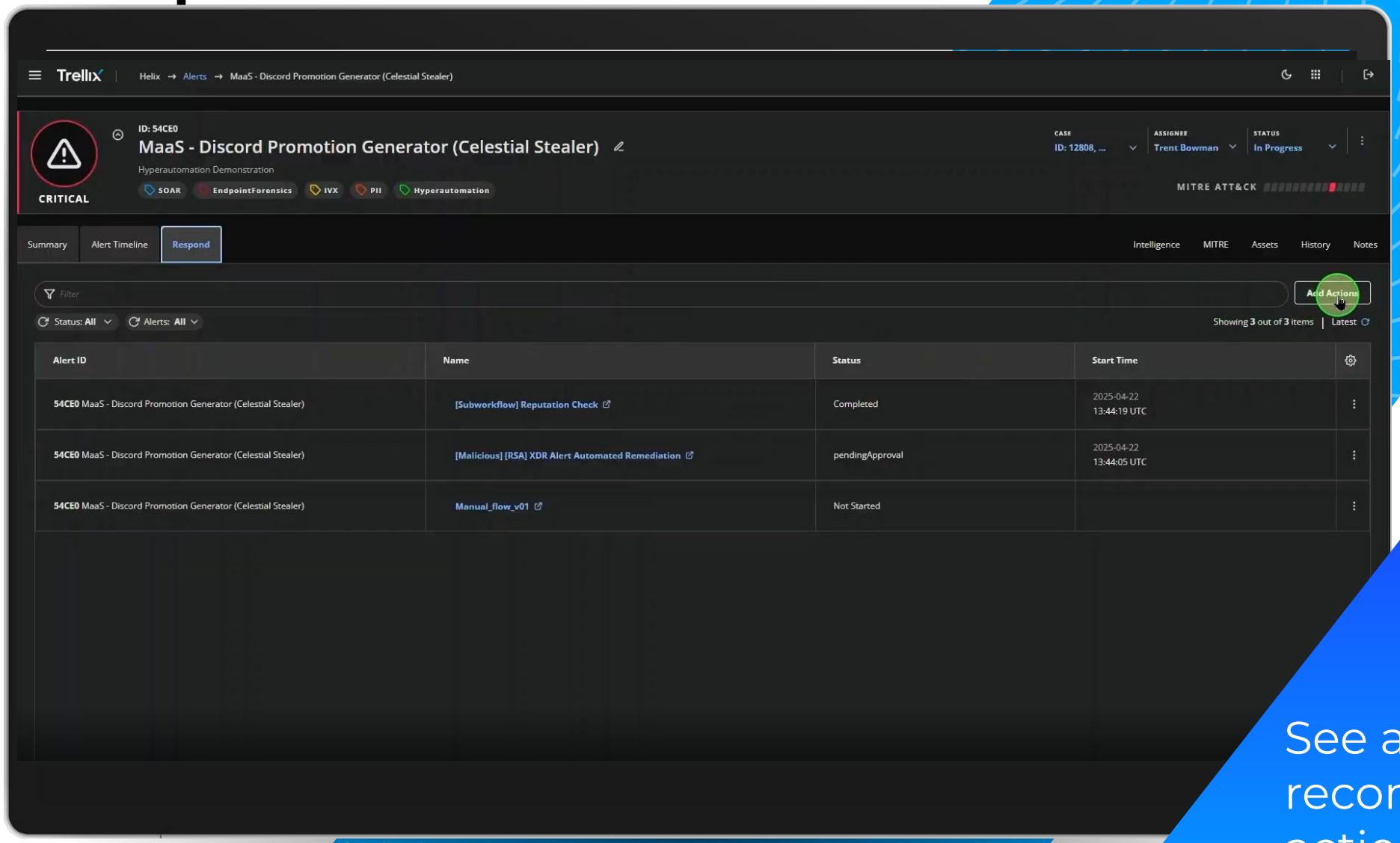
Guided Responses



See and take recommended actions from within alerts

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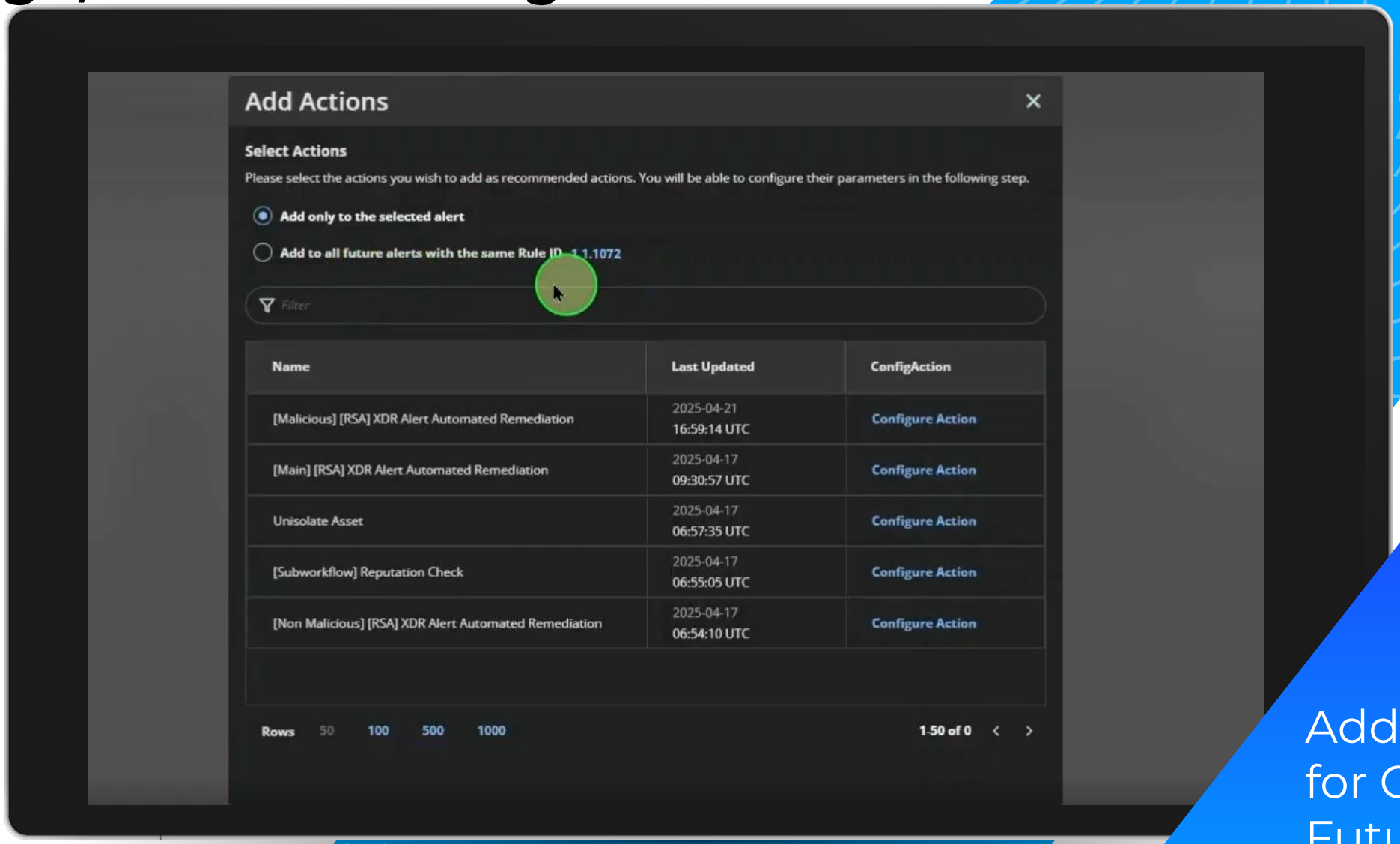
Manage, Add and Configure Actions



Add Actions for Current or Future Alerts

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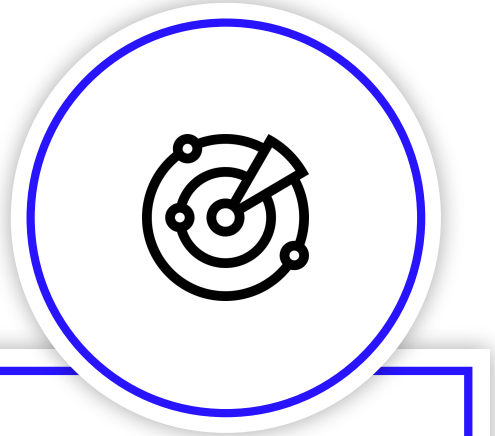
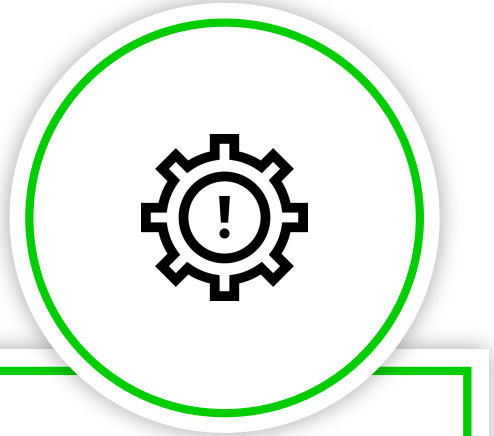
Use Cases

Common applications of Trellix Hyperautomation for SecOps

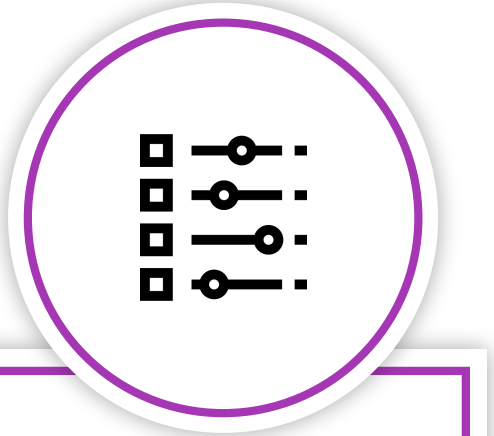


Threat Intelligence Enrichment



Automated Incident Response & Remediation

SIEM & Ticketing Integration



Asset and Configuration Management Integration

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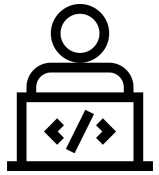
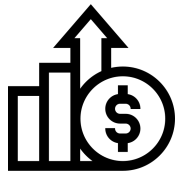
Why Choose Trellix Hyper Automation?

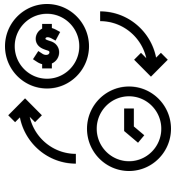


Enable More of Your team to Create Automation



Get More From Your Current Investments

Avoid Vendor Lock-in



Enhance Operational Efficiency and Reduce Costs

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Why Choose Trellix for your Hyperautomation Needs?

Lower Cost

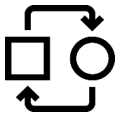
Reduce cloud costs by lowering data transfer

Shared Visibility

Integrate tools, unite team processes

Data Privacy

Retain complete datasets at the source and limit data duplication.



Realize a Cross-org Automation Strategy
Integrate and apply across more of your tools with application agnostic, 1-click swap, no-code workflows

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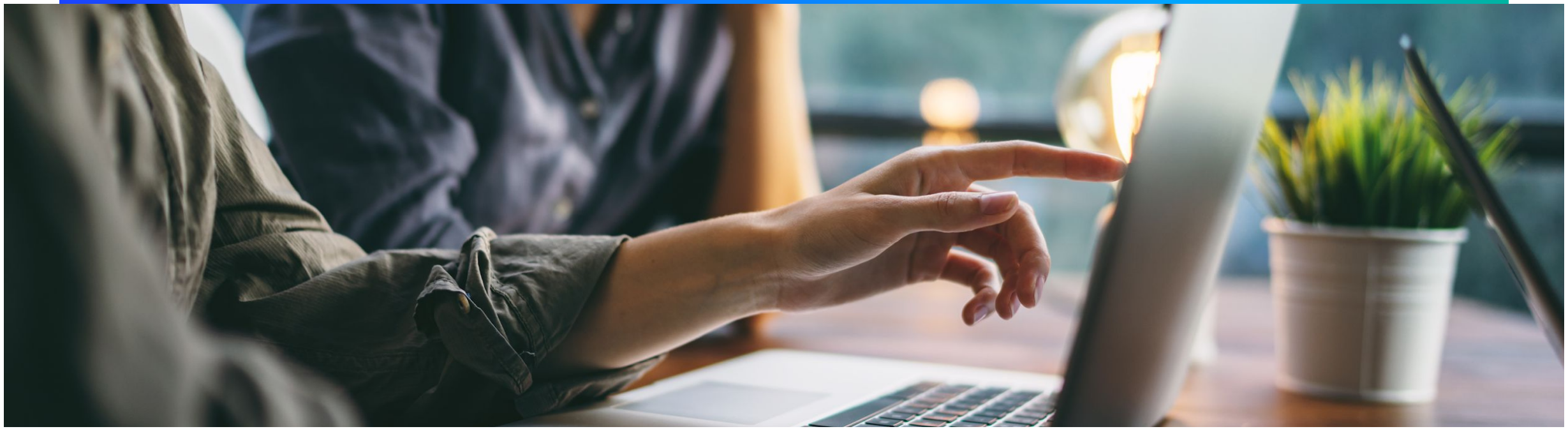
Use Cases

Examples
Business Value
Customer Success Stories



Example Use Cases

Operationalize threat intelligence across the business

- Real-time global insights across a range of what used to be separate products
- Push/pull from native data sources with a much higher volume
- Make actionable intelligence reports

Reduce vendors, tools & operational overhead

- Pre-built integrations
- Single platform/vendor to replace multiple tools
- Built-in automation and orchestration

Automate workflows across the extended platform

- Signal other controls from inside Helix
- Threat correlation and prioritization
- Immediate mitigation across controls, guided workflows

Augment the SIEM with SOAR capabilities

- Pre-built or user created orchestration & automation
- Automated forensics & threat hunting
- Automated remediation actions

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Trellix Helix - Business Value

Security Effectiveness	• Reduce risk by increasing visibility, seeing what point solutions miss • Multi-vector, Multi-vendor threat detections
Security Effectiveness	• Recover valuable time by reducing manual pivots using a unified analyst experience that helps you spend 90% less time on non-response activities
Security Efficiency	• Reduce MTTD, MTTR by empowering analysts of any skill level with pre-built automation playbooks, AI-guided detection and threat hunting
Security Efficiency	• Relieve alert fatigue with automatic false positive suppression and prioritized alerts • Reduce vendor and tool footprint by leveraging one platform with 35+ capabilities
Reduced Expense	• Increase value from existing investments by unlocking data with 490+ out of the box integrations, prebuilt analytics that save months of detection engineering

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Customer Success Stories

Global Luxury Retailer

Challenges:

- Protecting customer data and intellectual property.
- Unfilled security team positions, unable to empower current members effectively.
- Visibility beyond SIEM tools.

Results:

- Significant reduction of false positives.
- Simplified management and consolidated incident response.
- Improved incident response efficiency of SOC teams.

Law Firm

Challenges:

- Too many disparate tools to effectively detect and respond to threats.
- Compliance and reporting requirements.
- Small team with ad hoc infrastructure.

Results:

- Better visibility and simplified procedures by integrating tools and data.
- Prioritized alerts and responses.
- Reduced exposure to large fines from breaches where customer data is exposed.

Financial Institution

Challenges:

- Mature organization but weak detection using current tools translating to alert fatigue.
- Attempted to build a modern SOC themselves but found costs were too high trying to connect and integrate tools themselves.

Results:

- Faster, lower cost integrations.
- Reduced MTTD and MTTR.
- An Integrated, single architecture that modernized their SOC and improved the efficiency of the SOC team..

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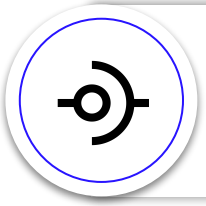
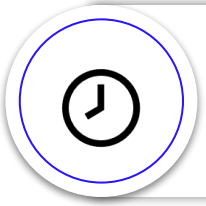
Trellix differentiators

Trellix Helix Differentiators

What makes Helix unique?



Depth of integrations
500+ integrations across 230 vendors to onboard the data you already own.



Out-of-the-box multi-vector multi-source detections
Data is ingested in real time with over 2,000 rules and 50 analytics creating context without the need for months of detection engineering.

GenAI alert triage
Investigate 100% of alerts, prioritize threats and get updates as related events are ingested

Designed for unique environments
With more pre-built automation workflows than competing solutions and the ability to customize them using Hyperautomation no-code SOAR, Helix helps upskill less experienced analysts.

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