Mako Networks
Webhook API Technical Specifications

June 2025 v1.8.1

Document Purpose

This document outlines the technical specifications for a webhook endpoint to integrate with the Mako central management system (CMS).

The Mako CMS will deliver status updates and/or configuration change notifications to the customer hosted webhook.

Document History

Version	Comments
1.0.0-DRAFT	Draft Release.
1.1.0	Initial Production Release.
1.1.1	Updated JSON fields Added additional event types. Added additional example.
1.2.0	Introduced Site vs Mako fields
1.3.0	Added Log Stream detail
1.3.1	Added Device State detail
1.6.0	Added additional event types
1.7.0	Added ATG and Speed Test Log Streams
1.7.1	Updated ATG Log Stream Examples
1.7.2	Updated ATG Log Stream Examples
1.7.3	Updated Authentication and JSON General sections
1.8.1	Updated Overview section and examples

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Overview

Webhooks and Data Streams are designed to push event, log, and state data from the Mako CMS to third party endpoint URLs.

Webhooks push event data, such as when a Mako device goes online or offline or someone changes its configuration.

Data Streams push log and state data, such as:

- Syslogs, Firewall Logs, and IDS Logs
- Traffic Logs (End User traffic, Per-WAN traffic, Web traffic)
- Device State (Overall state of the Mako Device, its network ports, and other state information)
- Speed Tests
- ATG Data

What can the Webhooks and Data Streams APIs be used for?

- Tracking Mako device status – e.g. online/offline (via Webhooks).
- Tracking subsystem changes on a Mako device – e.g. Detect when ports go up/down, when VPN tunnels go up/down (via Data Streams).
- Ingest logs into a centralised SIEM – e.g. Syslogs, Firewall Logs, IDS Logs (via Data Streams).
- Monitoring Internet circuit speed and quality – e.g. Speed tests (via Data Streams).
- Tracking ATG related activity and status – e.g. Inventory, Deliveries, Alarms (via Data Streams).

General Information

Configuration

Webhooks and Data Streams (log-focused Webhooks) are configured in the API section of the Company management screens on the Mako CMS.

Security

All endpoint URLs must use HTTPS (TLS 1.2 or higher) on TCP port 443, and must use domain names, not IP addresses. The TLS certificate must not be expired and must match the provided domain name. All TLS certificates must be issued by a reputable certificate authority such as LetsEncrypt or other similar issuing authority.

Authentication

An optional authentication header is supported. The header is a user-supplied fixed name and value.

For example you could use a Basic user/pass authorization, e.g.:

```
Authorization: Basic <Base64Username:Password>
```

Or you can use any arbitrary name and value, e.g.:

```
X-Auth-Key: SecretKey1234...
```

All requests to endpoint URLs are made from a specific set of source IPs. It is recommended to lock down access to the endpoint URL by source IP and/or authentication header. Please contact Mako Support for the list of CMS IPs to firewall.

JSON

Data interchange is performed using JSON. To ensure forwards compatibility, it is strongly advised to allow flexible JSON handling as new fields may be added over time. JSON fields are only removed or type modified by a formal version change.

Performance

For performance purposes, all messages should be processed asynchronously and not hold the HTTPS connection open while processing the message. Use of queues is strongly advised. This avoids delaying other messages from being sent to your endpoint. The Mako CMS will temporarily suspend delivery of messages to slow endpoints.

Event Ordering

While events are sent in serial date order, due to the nature of some events, particularly those with associated timers or delayed thresholds, it may be possible for an event notification to arrive before an earlier-event notification or after a later-event notification.

Response Codes

The webhook server must respond with a HTTP 2xx (e.g. HTTP 200 OK) response code. Timeouts and codes outside the 2xx range will be considered failures and the webhook temporarily taken out of service.

Reliable Delivery

The webhook can be configured for reliable delivery, where a non-HTTP 2xx response or timeout will cause the delivery to be rescheduled. Delivery will be attempted approximately every 10 minutes for an hour. The exact redelivery schedule may be subject to change.

Eventual Consistency

Webhook messages can be used to build a real-time view of the status of Mako devices. As there is a potential for failed webhook delivery, you may wish to complement this with periodic polling of status information from the Mako Pull API.

Webhook Format

The webhook message format is designed to be compatible with Microsoft Teams and Slack incoming webhooks "text" fields. Additional fields are also provided for more specific application requirements.

Message format:

```
{
        "text": "<EVENT_TITLE>    \n<EVENT_MESSAGE>",
        "makoData": {
                "companyName": "<COMPANY_NAME>",
                "entityName": "<FULLNAME_OF_ENTITY>",
                "entityType": "<Mako, Person, Company, Site, etc>",
                "eventDevice": "<LAN_OR_WAN_DEVICE_RELEVANT_TO_EVENT>",
                "eventId": "<UUID_OF_EVENT>",
                "eventMessage": "<EVENT_MESSAGE>",
                "eventPerson": "<FULLNAME_OF_USER_CREATING_EVENT>",
                "eventPersonCompany": "<COMPANY_OF_USER_CREATING_EVENT>",
                "eventTimestamp": "<UTC_TIMESTAMP>",
                "eventTitle": "<EVENT_TITLE>",
                "eventType": "<EVENT_TYPE>",
                "labels": [ ... ],
                "latitude": <LATITUDE>,
                "longitude": <LONGITUDE>,
                "makoContactIp": "<IP_MAKO_LAST_SEEN_FROM>",
                "makoId": "<MAKO_UUID>",
                "makoMacAddress": "<MAKO_MAC_ADDRESS>",
                "makoName": "<MAKO_NAME>",
                "makoStatus": "<ONLINE|OFFLINE|CONFIGURED>",
                "makoType": "<ROUTER|ACCESS_POINT|MANAGED_SWITCH|POWER_PLUG>",
                "makoWanIp": "<IP_ON_MAKO_WAN_INTERFACE>",
                "metadata": { ... },
                "siteId": "<USER_DEFINED_SITE_ID_OR_REFERENCE>",
                "siteName": "<SITE_NAME>",
                "siteUuid": "<SITE_UUID>",
                "webhookCompanyName": "<COMPANY_WHERE_WEBHOOK_SET>"
        }
}
```

The EVENT_TITLE and EVENT_TYPE are constants, while the EVENT_MESSAGE has information specific to this instance of the event.

The IP_ON_MAKO_WAN_INTERFACE is the actual IP address assigned to the Mako's default route, whereas the IP_MAKO_LAST_SEEN_FROM is the IP address the Mako appears from when using the Internet. These will differ if the WAN is behind NAT.

LAN_OR_WAN_DEVICE_RELEVANT_TO_EVENT is an optional field, relevant to events specific to WANs or LANs. Values are the WAN/LAN name, e.g. wan1, dsl1, cell1, etc.

eventPerson and *eventPersonCompany* are only present for non-system generated events.

Example 1

In this example, the Mako has failed over to its secondary WAN, cell2.

```
{
      "text": "Using Secondary WAN - Customer A, Site 1    \nInternet traffic
now using cell2.",
      "makoData": {
              "companyName": "Customer A",
              "entityName": "Customer A, Elgin-001, Security Gateway - Main",
              "entityType": "Mako",
              "eventDevice": "cell2",
              "eventId": "bb28374a-a67d-36dd-ace0-ec85c88dd6ea",
              "eventMessage": "Internet traffic now using cell2.",
              "eventPerson": "Alex Smith",
              "eventPersonCompany": "Example Reseller Inc.",
              "eventTimestamp": "2023-05-31T00:45:00+0000",
              "eventTitle": "Using Secondary WAN",
              "eventType": "MAKO_MESSAGE_WAN_FAILOVER",
              "labels": [],
              "latitude": -36.7723,
              "longitude": 174.76358,
              "makoContactIp": "5.5.209.205",
              "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
              "makoMacAddress": "30:1A:28:55:55:55",
              "makoName": "Security Gateway - Main",
              "makoStatus": "ONLINE",
              "makoType": "ROUTER",
              "makoWanIp": "5.5.209.205",
              "metadata": {},
              "siteId": "Elgin-001-Ref",
              "siteName": "Elgin-001",
              "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
              "webhookCompanyName": "Example Reseller Inc."
      }
}
```

Example 2

In this example, a user has changed the SIP NAT ALG setting of a Mako.

```
{
      "text": "Firewall Settings Modified - Customer A, Site 1    \nH323 NAT
ALG enabled\nSIP NAT ALG enabled.\n\nEvent created by Alex Smith (Example
Reseller Inc.).",
      "makoData": {
            "companyName": "Customer A",
            "entityName": "Customer A, Elgin-001, Security Gateway - Main",
            "entityType": "Mako",
            "eventId": "bb28374a-a67d-36dd-ace0-ec85c88dd6ea",
            "eventMessage": "H323 NAT ALG enabled.\nSIP NAT ALG enabled.\n",
            "eventPerson": "Alex Smith",
            "eventPersonCompany": "Example Reseller Inc.",
            "eventTimestamp": "2023-05-31T00:45:00+0000",
            "eventTitle": "Firewall Settings Modified",
            "eventType": "FIREWALL_SETTINGS_MODIFIED",
            "labels": [],
            "latitude": -36.7723,
            "longitude": 174.76358,
            "makoContactIp": "5.5.209.205",
            "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
            "makoMacAddress": "30:1A:28:55:55:55",
            "makoName": "Security Gateway - Main",
            "makoStatus": "ONLINE",
            "makoType": "ROUTER",
            "makoWanIp": "5.5.209.205",
            "metadata": {},
            "siteId": "Elgin-001-Ref",
            "siteName": "Elgin-001",
            "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
            "webhookCompanyName": "Example Reseller Inc."
      }
}
```

Event Types

Events Types are classified as Alerts or Configuration.

You may elect to receive both classifications or just a specific classification of event type. You can also elect to receive only specific event types, or events from Mako devices with specific labels or metadata set. This configuration is done in the Webhooks configuration section of the Mako CMS.

Labels and Metadata

Most webhooks and data streams support user-defined labels and metadata.

Any metadata with a key starting with "webhook-data-" is included in metadata section of the JSON block.

All labels are included in the labels section of the JSON block.

Example 1

```
{
        ...
        "labels": [ "high-priority-site" ],
        "metadata": { "webhook-data-merchant-id" : "P12345-B" },
        ...
}
```

Data Stream Format

The Data stream message format is different for each type of data (System logs, Traffic logs, Device State logs, Speed Test results, ATG data, etc).

Log Streams

These streams include Syslogs, Firewall Logs, and IDS Logs generated by a Mako device. Log Streams can result in a lot of data and so we encourage the use of GZIP compression if your HTTP endpoint/collector supports it.

Frequency: Periodic, maximum interval 20 minutes. Mako devices with a high volume of logs will upload more frequently, possibly every minute.

Example 1

```
{
        "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
        "companyName": "Customer A",
        "siteName": "Elgin-001",
        "makoName": "Security Gateway - Main",
        "siteId": "",
        "siteUuid": "c6345e2e-aadc-461a-854f-06d28c43dfd0",
        "makoMacAddress": "30:1A:28:55:55:55",
        "labels": [],
        "metadata": {},
        "logs": [{
```

```
                    "ts": "2023-05-31T00:34:54+0000",
                    "type": "SYSLOG",
                    "process": "dnsmasq-dhcp",
                    "pid": "1231",
                    "message": "DHCPDISCOVER(brlan4) 30:1a:28:03:ff:ff"
            }, {
                    "ts": "2023-05-31T00:34:54+0000",
                    "type": "FIREWALL",
                    "process": "Firewall",
                    "pid": "1231",
                    "message": "NF:DROP:IN=wan1 OUT=
MAC=30:1a:28:01:bd:b3:04:f9:38:d2:d1:cb:08:00 SRC=89.248.165.120 DST=1.0.2.9
LEN=40 TOS=0x00 PREC=0x00 TTL=247 ID=52797 PROTO=TCP SPT=46270 DPT=3307
SEQ=2950649240 ACK=0 WINDOW=1024 RES=0x00 SYN URGP=0 MARK=0xb"
            },
            {
                    "ts": "2023-05-31T00:34:54+0000",
                    "type": "IDS",
                    "process": "suricata",
                    "pid": "1243",
                    "message": "[1:2024897:1] ET USER_AGENTS Go HTTP Client
User-Agent [Classification: Misc activity] [Priority: 3] {TCP}
192.168.0.151:64393 -> 9.7.4.5:80"
            }
      ]

}
```

Device State Streams

This stream includes device state about the Mako, such as the state of its network ports, firmware version, VPN state, and others. The exact content of this stream with vary based on the type of hardware (e.g. Security Gateway, Access Point, Managed Switch) as well as what firmware version it is running.

Use the *makoType* field to assist in determining how to interpret the state data.

Frequency: Ad-hoc. State events are sent any time anything within the state changes.

Example 1 (Security Gateway, Access Point)

```
{
      "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
      "companyName": "Customer A",
      "siteName": "Elgin-001",
      "makoName": "Security Gateway - Main",
```

```
"makoType": "ROUTER",
"siteId": "",
"siteUuid": "c6345e2e-aadc-461a-854f-06d28c43dfd0",
"makoMacAddress": "30:1A:28:55:55:55",
"labels": [],
"metadata": {},
"states": [{
        "error": false,
        "firmwareVersion": "C6600-F6450-41",
        "applicationStartTimestamp": "2023-05-30T03:29:09.276+0000",
        "failoverTransitionTimestamp": "2023-05-30T03:29:39.981+0000",
        "defaultRouteTransitionTimestamp": "2023-05-
30T03:33:35.430+0000",
        "bootTimestamp": "2023-05-30T02:55:42.934+0000",
        "recordTimestamp": "2023-05-31T00:39:16.465+0000",
        "failoverWeight": 1,
        "startupCount": 2,
        "noBestWan": false,
        "master": true,
        "forceBackup": false,
        "debugFirmware": true,
        "version": 1,
        "configVersion": -1,
        "id": "40436eef-4297-4750-877f-d6f7331ab490",
        "mvpnTunnelsUp": -1,
        "mvpnTunnelsDown": -1,
        "ipsecTunnelsUp": 0,
        "ipsecTunnelsDown": 0,
        "makoId": "30:1A:28:55:55:55",
        "lanports": [{
                "name": "lan1",
                "phy": "lan1",
                "transitionTimestamp": "2023-05-
31T00:39:14.094+0000",
                "layer2Active": false,
                "monitored": false,
                "stable": false
        }, {
                "name": "lan2",
                "phy": "lan2",
                "layer2Active": false,
                "monitored": false,
                "stable": false
        }, {
```

```json
                    "name": "lan3",
                    "phy": "lan3",
                    "layer2Active": false,
                    "monitored": false,
                    "stable": false
            }, {
                    "name": "lan4",
                    "phy": "lan4",
                    "layer2Active": false,
                    "monitored": false,
                    "stable": false
            }, {
                    "name": "sfp1",
                    "phy": "sfp1",
                    "transitionTimestamp": "2023-05-
30T03:29:19.176+0000",
                    "layer2Active": true,
                    "monitored": false,
                    "stable": true
            }, {
                    "name": "wlan0",
                    "phy": "wlan0",
                    "transitionTimestamp": "2023-05-
30T22:33:08.555+0000",
                    "layer2Active": true,
                    "monitored": false,
                    "stable": true
            }
        ],
        "wans": [{
                    "name": "cell1",
                    "phy": "cell1",
                    "layer2Active": true,
                    "layer3Active": true,
                    "stable": true,
                    "bestWan": true,
                    "defaultRoute": true,
                    "alwaysOn": true,
                    "absoluteThreshold": false,
                    "authenticationFailure": false,
                    "highLatency": false,
                    "highPacketLoss": false,
                    "noArp": false,
                    "cellId": "483861",
```

```
                        "iccid": "8964012209132544489",
                        "imsi": "530011117254448",
                        "signalStrength": -86,
                        "signalStrengthBars": "Excellent",
                        "transitionTimestamp": "2023-05-
30T03:33:35.402+0000",
                        "type": "ppp",
                        "weight": 2,
                        "connectionMode": "LTE",
                        "description": "Cellular",
                        "downstreamSpeed": 500000,
                        "upstreamSpeed": 500000,
                        "failoverDelay": 10,
                        "gateway": "5.5.209.206",
                        "ip": "5.5.209.205",
                        "subnet": "5.5.209.205/30",
                        "link": "Using LTE Vodafone"
                }, {
                        "name": "wan1",
                        "phy": "wan1",
                        "layer2Active": false,
                        "layer3Active": false,
                        "stable": false,
                        "bestWan": false,
                        "defaultRoute": false,
                        "alwaysOn": true,
                        "absoluteThreshold": false,
                        "authenticationFailure": false,
                        "highLatency": false,
                        "highPacketLoss": false,
                        "noArp": false,
                        "signalStrength": -1,
                        "type": "eth",
                        "weight": 9,
                        "description": "Ethernet",
                        "downstreamSpeed": 0,
                        "upstreamSpeed": 0,
                        "failoverDelay": 10,
                        "link": "0Mb/s Unknown"
                }
            ]
        }]
    }
```

Example 2 (Managed Switch)

```
{
        "makoId": "40436eef-4297-0000-1111-d6f7331ab490",
        "companyName": "Customer A",
        "siteName": "Elgin-001",
        "makoName": "Managed Switch - Main",
        "makoType": "MANAGED_SWITCH",
        "siteId": "",
        "siteUuid": "c6345e2e-aadc-461a-854f-06d28c43dfd0",
        "makoMacAddress": "30:1A:28:66:66:66",
        "labels": [],
        "metadata": {},
        "states": [{
                "error": false,
                "firmwareVersion": "S1000-FSW1226-6",
                "applicationStartTimestamp": "2023-06-09T09:15:20.010+0000",
                "recordTimestamp": "2023-06-27T06:00:22.620+0000",
                "startupCount": 1,
                "debugFirmware": true,
                "id": "40436eef-4297-4750-877f-d6f7331ab490",
                "makoId": "30:1A:28:55:55:55",
                "switchports": [{
                                "up": false
                        },
                        {
                                "state": "1G",
                                "up": true
                        },
                        {
                                "state": "Down",
                                "up": false
                        },
                        {
                                "state": "Down",
                                "up": false
                        },
                        {
                                "state": "Down",
                                "up": false
                        },
                        {
                                "state": "Down",
                                "up": false
```

```
                },
                {
                        "state": "1G",
                        "up": true
                },
                {
                        "state": "100M_F",
                        "up": true
                }
            ]
        }]
}
```

Mako Device Traffic Streams

These streams detail the bytes sent/received for the various network ports on the Mako Device.

Frequency: Every 10 minutes.

Example 1

```
{
        "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
        "companyName": "Customer A",
        "siteName": "Elgin-001",
        "makoName": "Security Gateway - Main",
        "siteId": "",
        "siteUuid": "c6345e2e-aadc-461a-854f-06d28c43dfd0",
        "makoMacAddress": "30:1A:28:55:55:55",
        "labels": [],
        "metadata": {},
        "logs": [{
                "interfaceName": "lan1",
                "startDate": "2023-05-31T01:02:43+0000",
                "endDate": "2023-05-31T01:12:34+0000",
                "totalIn": 15763590,
                "totalOut": 219394741,
                "bandwidthInMax": 83475,
                "bandwidthOutMax": 2014947,
                "bandwidthInAvg": 26717,
                "bandwidthOutAvg": 371855,
                "bandwidthInMin": 2173,
                "bandwidthOutMin": 1825
        }, {
                "interfaceName": "wlan0",
                "startDate": "2023-05-31T01:02:43+0000",
```

```
                    "endDate": "2023-05-31T01:12:34+0000",
                    "totalIn": 121506,
                    "totalOut": 595147,
                    "bandwidthInMax": 2413,
                    "bandwidthOutMax": 26410,
                    "bandwidthInAvg": 205,
                    "bandwidthOutAvg": 1008,
                    "bandwidthInMin": 25,
                    "bandwidthOutMin": 153
            }, {
                    "interfaceName": "wan1",
                    "startDate": "2023-05-31T01:02:43+0000",
                    "endDate": "2023-05-31T01:12:34+0000",
                    "totalIn": 225574923,
                    "totalOut": 16972998,
                    "bandwidthInMax": 2036409,
                    "bandwidthOutMax": 93934,
                    "bandwidthInAvg": 382330,
                    "bandwidthOutAvg": 28767,
                    "bandwidthInMin": 1840,
                    "bandwidthOutMin": 1772
            }
        ]
}
```

PC Traffic Streams

These streams detail the bytes sent/received by the end user devices behind a Mako.

Frequency: Every 10 minutes.

Example 1

```
{
        "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
        "companyName": "Customer A",
        "siteName": "Elgin-001",
        "makoName": "Security Gateway - Main",
        "siteId": "",
        "siteUuid": "c6345e2e-aadc-461a-854f-06d28c43dfd0",
        "makoMacAddress": "30:1A:28:55:55:55",
        "labels": [],
        "metadata": {},
        "logs": [{
```

```
                        "mac": "55:55:55:01:FC:ED",
                        "destinationIp": "4.2.2.2",
                        "destinationPort": 53,
                        "protocol": 17,
                        "fromAmount": 1440,
                        "toAmount": 1120,
                        "timestamp": "2023-05-31T00:06:24+0000"
                }, {
                        "mac": "55:55:55:03:29:32",
                        "destinationIp": "8.8.8.8",
                        "destinationPort": 53,
                        "protocol": 17,
                        "fromAmount": 0,
                        "toAmount": 75,
                        "timestamp": "2023-05-31T00:06:24+0000"
                }, {
                        "mac": "55:55:55:01:FC:ED",
                        "destinationIp": "5.5.197.47",
                        "destinationPort": 2112,
                        "protocol": 17,
                        "fromAmount": 1500,
                        "toAmount": 1500,
                        "wan": "wan1",
                        "timestamp": "2023-05-31T00:14:18+0000"
                }
        ]
}
```

Speed Test Result Streams

These streams contain the speed test results conducted by a Mako.

Field	Comments
inf	Normalized name of the WAN that was tested (e.g. wan1, wan2, wanN, cell1, cell2, dsl1, etc)
ping	Milliseconds
jitter	Milliseconds
upload	Upload speed in bits per second
download	Download speed in bits per second

Frequency: Per the speed test schedule for the site

Example 1

```json
{
  "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
  "companyName": "Customer A,
  "siteName": "Customer A",
  "makoName": "Elgin-001",
  "siteId": "Elgin-001-Ref",
  "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
  "makoMacAddress": "30:1A:28:55:55:55",
  "labels": [],
  "metadata": {},
  "results": [
    {
      "testDate": "2024-08-19T17:03:07+0000",
      "inf": "wan1",
      "ping": 2.2699999809265137,
      "jitter": 0.05999999865889549,
      "upload": 864169982,
      "download": 4316869934
    }
  ]
}
```

ATG Data Streams

These streams contain ATG command data. The exact data depends upon the ATG command(s) run at the time. This functionality requires the Mako device to be running F6560 or newer firmware.

The actual result data from the ATG is base64-encoded in order to preserve newlines and other characters not allowed in standard JSON.

ATG commands are case sensitive. Commands starting with an uppercase letter typically denote display output while lowercase denote machine readable output. Please refer to the ATG vendors' manual specific to the ATG make and model for more information about the underlying data formats.

Duplicate sequential command responses are filtered out if the responses all occur within a small time window (typically under an hour but this value could change without notice).

A single ATG Data Stream payload can contain:

- Multiple ATG commands and responses.
- Multiple invocations of the same ATG command but at different times.
- Old data, including out of sequence data. Please always compare timestamps of each individual ATG command against what has been received previously.

Field	Comments
command	The command run, e.g. i20100 or I20100 for inventory level
rawResponse	Base64-encoded ASCII text response from the ATG
jsonResponse	Optional. JSON-structured response. Machine readable commands (those that start with lowercase letters) may be parsed by the Mako CMS into a JSON response. Not applicable to all commands.
ip	IP of the ATG
mac	MAC address of the ATG

Frequency: Per the ATG monitoring configuration for the site. Different ATG commands will have different frequencies. The Inventory status command will be the most frequent.

Example 1

```
{
  "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
  "companyName": "Customer A,
  "siteName": "Customer A",
  "makoName": "Elgin-001",
  "siteId": "Elgin-001-Ref",
  "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
```

```
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-08-07T04:00:38+0000",
            "rawResponse": "D...",
            "jsonResponse": { ... },
            "ip": "10.20.30.40",
            "mac": "00:20:55:55:55:55",
            "command": "i20100"
        },
        {
            "timestamp": "2024-08-07T04:00:38+0000",
            "rawResponse": "a...",
            "jsonResponse": { ... },
            "ip": "10.20.30.40",
            "mac": "00:20:55:55:55:55",
            "command": "i20100"
        }
    ]
}
```

Supported ATG Commands

These are the default list of supported commands.

Please contact Mako Support if you require additional commands or different poll frequencies. The default user-set poll frequency is every 3 minutes. The CMS dynamically filters out duplicate responses to avoid sending data too aggressively.

Command	Description	Poll Frequency	Response Formats
i11000	Combined Alarm History Report	User-set	Machine, JSON
i11100	Priority Alarm History Report	User-set	Machine, JSON
i11200	Non-Priority Alarm History Report	User-set	Machine, JSON
i11300	Active Alarm Report	User-set	Machine, JSON
i20100	In-Tank Inventory Report	User-set	Machine, JSON
i20200	In-Tank Delivery Report	Hourly	Machine, JSON
i20700	In-Tank Leak History Test Report	Daily	Machine, JSON
i51700	Show System Type	Daily	Machine, JSON
i60100	Show Tank Configuration	Daily	Machine, JSON
i60200	Show Tank Label	Daily	Machine, JSON
i60300	Show Tank Product Code	Daily	Machine, JSON

i60400	Show Tank 1 Full Height Volume	Daily	Machine, JSON
I20100	In-Tank Inventory	User-set	Human-readable

Example: Alarm History Report

This example covers i11000, i11100, i11200, 11300 commands.

Depending on the exact model of ATG, it may not support the combined alarm history report (i11000).

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-09-30T21:37:01+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
                "alarms": [
                    {
                        "tankId": 1,
                        "ts": "2024-09-25T19:30:00",
                        "state": "ALARM_CLEARED",
                        "alarmCategory": "02",
                        "sensorCategory": "00",
                        "alarmType": "26"
                    },
                    {
                        "tankId": 1,
                        "ts": "2024-09-20T16:30:00",
                        "state": "ALARM_OCCURRED",
                        "alarmCategory": "02",
                        "sensorCategory": "00",
                        "alarmType": "26"
                    }
                ]
            },
            "ip": "10.20.30.40",
            "mac": "00:20:55:55:55:55",
            "command": "i11100"
        }
    ]
}
```

Please refer to your ATG manual for the exact supported values.

Example: In-Tank Inventory Report

This example covers the i20100 command.

The units specified in the response can be found in the data from i51700.

Where possible a label is applied to the tank, but if it is null you should refer to the data from i60200 to determine the label.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-09-30T21:37:01+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
                "tankData": [
                    {
                        "tankId": 1,
                        "label": null,
                        "tankReadout": {
                            "productCode": "1",
                            "tankStatus": 2,
                            "volume": 5832.685,
                            "tcVolume": 5817.545,
                            "ullage": 12167.315,
                            "height": 831.766,
                            "water": 0,
                            "temperature": 18.16786,
                            "waterVolume": 0
                        }
                    },
                    {
                        "tankId": 2,
                        "label": null,
                        "tankReadout": {
                            "productCode": "2",
                            "tankStatus": 2,
                            "volume": 15650.976,
                            "tcVolume": 15613.125,
                            "ullage": 6849.026,
                            "height": 1475.3431,
                            "water": 23.110409,
                            "temperature": 16.82842,
                            "waterVolume": 35.256275
                        }
                    },
```

```
                    {
                        "tankId": 3,
                        "label": null,
                        "tankReadout": {
                            "productCode": "3",
                            "tankStatus": 2,
                            "volume": 18595.705,
                            "tcVolume": 18542.715,
                            "ullage": 8404.295,
                            "height": 1459.7245,
                            "water": 0,
                            "temperature": 18.423344,
                            "waterVolume": 0
                        }
                    },
                    {
                        "tankId": 4,
                        "label": null,
                        "tankReadout": {
                            "productCode": "4",
                            "tankStatus": 2,
                            "volume": 9110.495,
                            "tcVolume": 9080.215,
                            "ullage": 13389.508,
                            "height": 974.81287,
                            "water": 0,
                            "temperature": 17.607803,
                            "waterVolume": 0
                        }
                    }
                ]
            },
            "ip": "10.20.30.40",
            "mac": "00:20:55:55:55:55",
            "command": "i20100"
        }
    ]
}
```

Example: In-Tank Delivery Report

This example covers the i20200 command.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
```

```
"metadata": {},
"atgData": [
    {
        "timestamp": "2024-11-15T03:29:00+0000",
        "rawResponse": "aTExM...",
        "jsonResponse": {
            "deliveries": [
                {
                    "tankId": 1,
                    "label": null,
                    "delivery": {
                        "productCode": "A",
                        "deliveries": [
                            {
                                "startTs": "2024-11-14T06:42:00",
                                "endTs": "2024-11-14T07:05:00",
                                "startValues": {
                                    "volume": 605.60004,
                                    "tcVolume": 605.60004,
                                    "water": 0,
                                    "temp": 14.892514,
                                    "height": 173.50847
                                },
                                "endValues": {
                                    "volume": 9742.59,
                                    "tcVolume": 9746.375,
                                    "water": 0,
                                    "temp": 14.099524,
                                    "height": 1215.4248
                                }
                            },
                            {
                                "startTs": "2024-10-30T14:30:00",
                                "endTs": "2024-10-30T15:02:00",
                                "startValues": {
                                    "volume": 1230.125,
                                    "tcVolume": 1226.3401,
                                    "water": 0,
                                    "temp": 16.386494,
                                    "height": 279.97632
                                },
                                "endValues": {
                                    "volume": 12414.801,
                                    "tcVolume": 12407.23,
```

```
                                "water": 0,
                                "temp": 15.362719,
                                "height": 1471.6127
                            }
                        }
                },
                {
                    "tankId": 2,
                    "label": null,
                    "delivery": {
                        "productCode": "B",
                        "deliveries": [ ... ]
                    }
                }
            ]
        },
        "ip": "10.20.30.40",
        "mac": "00:20:55:55:55:55",
        "command": "i20200"
    }
  ]
}
```

Example: In-Tank Leak Test History Report

This example covers the i20700 command.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-11-15T03:29:00+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
                "reports": [
```

```json
                    {
                        "tankId": 1,
                        "reportEntries": [
                            {
                                "reportType": "LAST_TEST_PASSED",
                                "historyNumber": 1,
                                "testType": "LTT_0_10_GAL_HR",
                                "startTime": "2024-09-03T21:31:00",
                                "durationHours": 10,
                                "volume": 12126.352,
                                "percentageOfFullVolume": 60.37215
                            },
                            {
                                "reportType": "FULLEST_TEST_PASSED",
                                "historyNumber": 1,
                                "testType": "LTT_0_10_GAL_HR",
                                "startTime": "2024-02-15T23:31:00",
                                "durationHours": 12,
                                "volume": 17846.615,
                                "percentageOfFullVolume": 88.85101
                            },
                            {
                                "reportType": "LAST_TEST_PASSED",
                                "historyNumber": 1,
                                "testType": "LTT_0_20_GAL_HR",
                                "startTime": "2024-09-03T21:31:00",
                                "durationHours": 10,
                                "volume": 12126.352,
                                "percentageOfFullVolume": 60.37215
                            },
                            {
                                "reportType":
"FULLEST_PERIODIC_MONTHLY_TEST_PASSED",
                                "historyNumber": 1,
                                "testType": "LTT_0_20_GAL_HR",
                                "startTime": "2024-01-14T22:31:00",
                                "durationHours": 6,
                                "volume": 16166.704,
                                "percentageOfFullVolume": 80.48742
                            },
                            {
                                "reportType":
"FULLEST_PERIODIC_MONTHLY_TEST_PASSED",
                                "historyNumber": 2,
```

```
                              "testType": "LTT_0_20_GAL_HR",
                              "startTime": "2024-02-15T23:31:00",
                              "durationHours": 12,
                              "volume": 17846.615,
                              "percentageOfFullVolume": 88.85101
                          },
                          {
                              "reportType":
"FULLEST_PERIODIC_MONTHLY_TEST_PASSED",
                              "historyNumber": 3,
                              "testType": "LTT_0_20_GAL_HR",
                              "startTime": "2024-03-01T22:31:00",
                              "durationHours": 6,
                              "volume": 15515.978,
                              "percentageOfFullVolume": 77.24772
                          }
                      ]
                  },
                  {
                      "tankId": 2,
                      "reportEntries": [...]
                  },
                  {
                      "tankId": 3,
                      "reportEntries": [...]
                  },
                  {
                      "tankId": 4,
                      "reportEntries": [...]
                  }
              ]
          },
          "ip": "10.20.30.40",
          "mac": "00:20:55:55:55:55",
          "command": "i20700"
      }
    ]
}
```

In-Tank Leak Test Types:

- LTT_0_20_GAL_HR -- 0.20 gal/hr test
- LTT_0_10_GAL_HR -- 0.10 gal/hr test
- LTT_GROSS_3_GAL_HR_TEST -- Gross (3 gal/hr)test

Leak Report Types:

- LAST_TEST_PASSED -- Last Test Passed
- FULLEST_TEST_PASSED -- Fullest Test Passed
- FULLEST_PERIODIC_MONTHLY_TEST_PASSED -- Fullest Periodic Monthly Test Passed

Example: Show System Type

This example covers the i51700 command.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-09-30T21:37:01+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
              "systemUnitsCode": 1,
              "systemUnitsDesc": "U.S.",
              "systemLanguageCode": 1,
              "systemLanguageDesc": "English"
            },
            "ip": "10.20.30.40",
            "mac": "00:20:55:55:55:55",
            "command": "i51700"
        }
    ]
}
```

The main supported system units are:

1 - U.S. (U.S. Gallons and Inches)

2 - Metric (Litres and Millimetres)

3 - Imperial Gallons (Imperial Gallons and Inches)

Example: Show Tank Configuration

This example covers the i60100 command.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-09-30T21:37:01+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
                "tanks": [
                    {
                        "tankId": 1,
                        "configurationFlag": "ON"
                    },
                    {
                        "tankId": 2,
                        "configurationFlag": "ON"
                    },
                    {
                        "tankId": 3,
                        "configurationFlag": "ON"
                    },
                    {
                        "tankId": 4,
                        "configurationFlag": "ON"
                    },
                    {
                        "tankId": 5,
                        "configurationFlag": "OFF"
                    },
                    {
```

```
                                "tankId": 6,
                                "configurationFlag": "OFF"
                        },
                        {
                                "tankId": 7,
                                "configurationFlag": "OFF"
                        },
                        {
                                "tankId": 8,
                                "configurationFlag": "OFF"
                        }
                    ]
            },
            "ip": "10.20.30.40",
            "mac": "00:20:55:55:55:55",
            "command": "i60100"
        }
    ]
}
```

Example: Show Tank Label

This example covers the i60200 command.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-09-30T21:37:01+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
                "labels": [
                    {
                        "tankId": 1,
```

```
                        "label": "GO SUP+ 20M3"
                },
                {
                        "tankId": 2,
                        "label": "95 E 10 25M3"
                },
                {
                        "tankId": 3,
                        "label": "GAZOLE 30M3"
                },
                {
                        "tankId": 4,
                        "label": "98 SUP+ 25M3"
                },
                {
                        "tankId": 5,
                        "label": ""
                },
                {
                        "tankId": 6,
                        "label": ""
                },
                {
                        "tankId": 7,
                        "label": ""
                },
                {
                        "tankId": 8,
                        "label": ""
                }
            ]
        },
        "ip": "10.20.30.40",
        "mac": "00:20:55:55:55:55",
        "command": "i51700"
    }
    ]
}
```

Example: Show Tank Product Code

This example covers the i60300 command.

```
{
```

```
"makoId": "40436eef-4297-4750-877f-d6f7331ab490",
"companyName": "Customer A",
"siteName": "Customer A",
"makoName": "Elgin-001",
"siteId": "Elgin-001-Ref",
"siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
"makoMacAddress": "30:1A:28:55:55:55",
"labels": [],
"metadata": {},
"atgData": [
    {
        "timestamp": "2024-09-30T21:37:01+0000",
        "rawResponse": "aTExM...",
        "jsonResponse": {
            "tanks": [
                {
                    "tankId": 1,
                    "code": "A"
                },
                {
                    "tankId": 2,
                    "code": "B"
                },
                {
                    "tankId": 3,
                    "code": "C"
                },
                {
                    "tankId": 4,
                    "code": "D"
                },
                {
                    "tankId": 5,
                    "code": "E"
                },
                {
                    "tankId": 6,
                    "code": "F"
                },
                {
                    "tankId": 7,
                    "code": "G"
                },
                {
```

```
                            "tankId": 8,
                            "code": "H"
                    }
                ]
        },
        "ip": "10.20.30.40",
        "mac": "00:20:55:55:55:55",
        "command": "i60300"
    }
  ]
}
```

Product "code" is a single printable ascii character.

Example: Show Tank 1 Point Full Height Volume

This example covers the i60400 command.

```
{
    "makoId": "40436eef-4297-4750-877f-d6f7331ab490",
    "companyName": "Customer A",
    "siteName": "Customer A",
    "makoName": "Elgin-001",
    "siteId": "Elgin-001-Ref",
    "siteUuid": "bb4a4549-441b-4dee-86be-b67163944a61",
    "makoMacAddress": "30:1A:28:55:55:55",
    "labels": [],
    "metadata": {},
    "atgData": [
        {
            "timestamp": "2024-09-30T21:37:01+0000",
            "rawResponse": "aTExM...",
            "jsonResponse": {
                "volumes": [
                    {
                        "tankId": 1,
                        "fullHeightVolume": 20086.002
                    },
                    {
                        "tankId": 2,
                        "fullHeightVolume": 25160
                    },
                    {
```

```
                    "tankId": 3,
                    "fullHeightVolume": 30304
                },
                {
                    "tankId": 4,
                    "fullHeightVolume": 25230.004
                },
                {
                    "tankId": 5,
                    "fullHeightVolume": 0
                },
                {
                    "tankId": 6,
                    "fullHeightVolume": 0
                },
                {
                    "tankId": 7,
                    "fullHeightVolume": 0
                },
                {
                    "tankId": 8,
                    "fullHeightVolume": 0
                }
            ]
        },
        "ip": "10.20.30.40",
        "mac": "00:20:55:55:55:55",
        "command": "i60400"
    }
    ]
}
```

Appendix: Webhook Event Types

The below are lists of event types that can trigger a message. Additional event types can be added as required, but are not included by default, so client code must ignore messages with unrecognized event types.

Alert Events

Event Name	Event Title
ABSOLUTE_THRESHOLD_CREATED	Absolute Threshold block created
ABSOLUTE_THRESHOLD_REMOVED	Absolute Threshold block removed
ACCOUNT_PASSWORD_EXPIRED_EMAIL	Password Has Expired
ACCOUNT_PASSWORD_EXPIRE_WARNING2_EMAIL	Password Expires Shortly - Final Warning
ACCOUNT_PASSWORD_EXPIRE_WARNING_EMAIL	Password Expires Shortly
AP_SCAN_CHANGED_APS	AP scan changed APs
AP_SCAN_NEW_APS	AP scan new APs
EXTENDED_FAILOVER_ALERT_LEVEL_1	Extended Failover Alert - Threshold 1
EXTENDED_FAILOVER_ALERT_LEVEL_2	Extended Failover Alert - Threshold 2
EXTENDED_OFFLINE_ALERT_LEVEL_1	Extended Offline Alert - Threshold 1
EXTENDED_OFFLINE_ALERT_LEVEL_2	Extended Offline Alert - Threshold 2
EXTENDED_WAN_DOWN_ALERT_LEVEL_1	Extended WAN Down Alert - Threshold 1
EXTENDED_WAN_DOWN_ALERT_LEVEL_2	Extended WAN Down Alert - Threshold 2
EXTENDED_WAN_FAILOVER_ALERT_LEVEL_1	Extended WAN Failover Alert - Threshold 1
EXTENDED_WAN_FAILOVER_ALERT_LEVEL_2	Extended WAN Failover Alert - Threshold 2
EXTRAORDINARY_USAGE_ALERT	Extraordinary Usage Alert
FAILOVER_USAGE_ALERT	Cellular Usage Alert
FIRMWARE_UPDATE_APPLIED	Firmware update applied
FIRMWARE_UPDATE_AVAILABLE	Firmware update available
FIRMWARE_UPDATE_STARTED	Firmware update started
LICENCE_ALERT_DUE_30_DAYS	30 Day Licence Alert

LICENCE_ALERT_DUE_60_DAYS	60 Day Licence Alert
LICENCE_ALERT_DUE_90_DAYS	90 Day Licence Alert
LICENCE_ALERT_DUE_NOW	Expired Licence Alert
LICENCE_ALERT_OVERDUE_30_DAYS	Overdue Licence Alert
LOGIN_DURING_LOCKOUT	Login Attempt During Lockout
LOGIN_FAILURE	Login Failure
LOGIN_LOCKOUT_OFF	Lockout Was Disabled by an Administrator
LOGIN_LOCKOUT_ON	Login Lockout Activated
LOGIN_OK	Login Successful
LOG_OFF	Log off
MAKO_INACTIVE	Mako inactive
MAKO_IS_ONLINE	Mako is online
MAKO_MESSAGE_AUTH_ERROR	Internet Authentication Error
MAKO_MESSAGE_ERROR	General Warning
MAKO_MESSAGE_FAILOVER_BACKUP	Acting as Secondary
MAKO_MESSAGE_FAILOVER_MASTER	Acting as Primary
MAKO_MESSAGE_FAN_ALERT	Fan Speed Warning
MAKO_MESSAGE_TEMPERATURE_ALERT	Temperature Warning
MAKO_MESSAGE_WAN_FAILBACK	Using Primary WAN
MAKO_MESSAGE_WAN_FAILOVER	Using Secondary WAN
MAKO_MESSAGE_WAN_FAILTEST	Secondary WAN failed connectivity test
MAKO_MESSAGE_WORM	Worm Detected
MAKO_STARTUP	Mako started up
NEW_LAN_DEVICE_DETECTED	New LAN device detected
NOT_HEARD_FROM_MAKO	Not heard from Mako
OPENVPN_LOGIN_FAILURE	OpenVPN Login Failure
OPENVPN_LOGIN_OK	OpenVPN Login Successful
PASSWORD_RESET	Password Reset
PASSWORD_RESET_FAILURE	Password Reset Failure

PERSON_PUBLIC_KEY_CHANGE	Public key change
PLAN_LIMIT_EMAILED	Plan Limit Reached
PORT_SCAN_DETECTED	Network Scan Detected
SYSTEM_ACCOUNT_LOCKOUT_CLEARED	Account Lockout Cleared
TAMPER_SWITCH_NOTIFICATION	Mako has been tampered with
THESHOLD_EMAILED	Warning Threshold
THRESHOLD_CHANGE_EVENT	Usage Threshold Change
UNAUTHORISED_DEVICE_DETECTED	Unauthorised Device Detected
VPN_COUNT_CHANGE	VPN status alert
VULN_SCAN_STARTED	Vulnerability Scan Started
VULN_SCAN_FINISHED	Vulnerability Scan Finished
VULN_SCAN_MANUAL_SCAN_REQUESTED	Manual Vulnerability Scan requested
WORM_BLOCK_REMOVED	Worm Block Removed

Configuration Events

Event Name	Event Title
ABSOLUTE_THRESHOLD_CHANGED	Absolute Threshold Changed
ACCOUNT_CREATED	User Created
ACCOUNT_DELETED	User Deleted
ACCOUNT_DISABLED	User Disabled
ACCOUNT_ENABLED	User Enabled
ACCOUNT_IMPORTED	User Employment Change
ACCOUNT_INFO_CHANGED	User Info Changed
ACCOUNT_REMOVED_FROM_COMPANY	User Removed From Company
ACCOUNT_TEMPLATE_CHANGED	User Template Changed
ADDRESS_CHANGED	Address Changed
AP_REVIEW	AP reviewed
AP_SCAN_CONFIG_CREATED	AP Scan config created

`AP_SCAN_CONFIG_MODIFIED`	AP Scan config modified
`API_CLIENT_ID_CREATED`	API Client ID added
`API_CLIENT_ID_DELETED`	API Client ID deleted
`API_SOURCE_IP_SUBNET_ADDED`	API source subnet added
`API_SOURCE_IP_SUBNET_DELETED`	API source subnet deleted
`BGP_CONFIG_MODIFIED`	BGP Config modified
`BGP_EXPORT_FILTER_ADDED`	BGP Export Filter added
`BGP_EXPORT_FILTER_DELETED`	BGP Export Filter deleted
`BGP_EXPORT_FILTER_MODIFIED`	BGP Export Filter modified
`BGP_IMPORT_FILTER_ADDED`	BGP Import Filter added
`BGP_IMPORT_FILTER_DELETED`	BGP Import Filter deleted
`BGP_IMPORT_FILTER_MODIFIED`	BGP Import Filter modified
`BGP_PEER_ADDED`	BGP Peer added
`BGP_PEER_DELETED`	BGP Peer deleted
`BGP_PEER_MODIFIED`	BGP Peer modified
`CELLULAR_CONFIG_CHANGE`	Cellular Configuration changed
`CELLULAR_INTERNET_PERMISSIONS_CHANGE`	Internet Failover Restrictions Changed
`COMPANY_CFTRAFFIC_STREAM_CREATED`	CF Traffic Stream created
`COMPANY_CFTRAFFIC_STREAM_DELETED`	CF Traffic Stream deleted
`COMPANY_CFTRAFFIC_STREAM_MODIFIED`	CF Traffic Stream modified
`COMPANY_CONTACT_CHANGED`	Company Contact Changed
`COMPANY_CREATED`	Company Created
`COMPANY_DELETED`	Company Deleted
`COMPANY_DEVICESTATE_STREAM_CREATED`	Device State Stream created
`COMPANY_DEVICESTATE_STREAM_CREATED`	Device State Stream created
`COMPANY_DEVICESTATE_STREAM_DELETED`	Device State Stream deleted
`COMPANY_DEVICESTATE_STREAM_DELETED`	Device State Stream deleted
`COMPANY_DEVICESTATE_STREAM_MODIFIED`	Device State Stream modified

`COMPANY_DEVICESTATE_STREAM_MODIFIED`	Device State Stream modified
`COMPANY_INFO_CHANGED`	Company Information Changed
`COMPANY_LOGSTREAM_CREATED`	Log Stream created
`COMPANY_LOGSTREAM_DELETED`	Log Stream deleted
`COMPANY_LOGSTREAM_MODIFIED`	Log Stream modified
`COMPANY_MAKOTRAFFIC_STREAM_CREATED`	Mako Traffic Stream created
`COMPANY_MAKOTRAFFIC_STREAM_DELETED`	Mako Traffic Stream deleted
`COMPANY_MAKOTRAFFIC_STREAM_MODIFIED`	Mako Traffic Stream modified
`COMPANY_MOVED`	Company Moved
`COMPANY_NAMING_CONVENTIONS_CREATED`	Naming Conventions created
`COMPANY_NAMING_CONVENTIONS_DELETED`	Naming Conventions deleted
`COMPANY_NAMING_CONVENTIONS_MODIFIED`	Naming Conventions modified
`COMPANY_NETWORK_CREATED`	Company Network Created
`COMPANY_NETWORK_DELETED`	Company Network Deleted
`COMPANY_NETWORK_MODIFIED`	Company Network Modified
`COMPANY_PCTRAFFIC_STREAM_CREATED`	PC Traffic Stream created
`COMPANY_PCTRAFFIC_STREAM_DELETED`	PC Traffic Stream deleted
`COMPANY_PCTRAFFIC_STREAM_MODIFIED`	PC Traffic Stream modified
`COMPANY_WEBHOOK_CREATED`	Webhook created
`COMPANY_WEBHOOK_DELETED`	Webhook deleted
`COMPANY_WEBHOOK_MODIFIED`	Webhook modified
`DATA_POOL_PLAN_ADDED`	Data pool plan added
`DATA_POOL_PLAN_DELETED`	Data pool plan deleted
`DATA_POOL_PLAN_MODIFIED`	Data pool plan modified
`DHCP_LEASE_ADDITION`	DHCP Lease Created
`DHCP_LEASE_DELETION`	DHCP Lease Deleted
`DHCP_LEASE_MODIFIED`	DHCP Lease Modified
`DOMAIN_BASED_FIREWALL_RULES_ACTIVATED`	Domain-Based firewall rules activated

`DSL_CONFIG_CHANGE`	DSL Configuration changed
`DYNAMIC_DNS_ADDITION`	Dynamic DNS Account created
`DYNAMIC_DNS_DELETION`	Dynamic DNS Account removed
`DYNAMIC_DNS_FAILURE`	Dynamic DNS Failure
`DYNAMIC_DNS_MODIFICATION`	Dynamic DNS Account modified
`EMAIL_CHANGED`	Email Address Changed
`ENTERPRISE_AP_SCAN_CONFIG_CREATED`	Enterprise AP Scan config created
`ENTERPRISE_AP_SCAN_CONFIG_MODIFIED`	Enterprise AP Scan config modified
`ENTERPRISE_FIREWALL_RULE_ADDED`	Enterprise Firewall Rule Added
`ENTERPRISE_FIREWALL_RULE_ADDED_PENDING`	Enterprise Firewall Rule Added - Pending Review
`ENTERPRISE_FIREWALL_RULE_DELETED`	Enterprise Firewall Rule Deleted
`ENTERPRISE_FIREWALL_RULE_DELETED_PENDING`	Enterprise Firewall Rule Deleted - Pending Review
`ENTERPRISE_FIREWALL_RULE_EXPORTED`	Enterprise Firewall Rule Exported to CSV
`ENTERPRISE_FIREWALL_RULE_MODIFIED`	Enterprise Firewall Rule Modified
`ENTERPRISE_FIREWALL_RULE_MODIFIED_PENDING`	Enterprise Firewall Rule Modified - Pending Review
`ENTERPRISE_SWITCH_MODEL_TEMPLATE_CREATED`	Enterprise Switch model template created
`ENTERPRISE_SWITCH_MODEL_TEMPLATE_MODIFIED`	Enterprise Switch model template modified
`ENTERPRISE_SWITCH_PORT_TEMPLATE_CREATED`	Enterprise Switch port template created
`ENTERPRISE_SWITCH_PORT_TEMPLATE_DELETED`	Enterprise Switch port template deleted
`ENTERPRISE_SWITCH_PORT_TEMPLATE_MODIFIED`	Enterprise Switch port template modified
`ENTERPRISE_SWITCH_TEMPLATE_CREATED`	Enterprise Switch template created
`ENTERPRISE_SWITCH_TEMPLATE_MODIFIED`	Enterprise Switch template modified
`ENTERPRISE_TEMPLATE_ADDED`	Enterprise Template Added

`ENTERPRISE_TEMPLATE_CHANGE_APPROVED`	Enterprise Template Change Approved
`ENTERPRISE_TEMPLATE_CHANGE_REJECTED`	Enterprise Template Change Rejected
`ENTERPRISE_TEMPLATE_DELETED`	Enterprise Template Deleted
`ENTERPRISE_TEMPLATE_GEOIP_CONFIG_CREATED`	Enterprise Country Firewall added
`ENTERPRISE_TEMPLATE_GEOIP_CONFIG_DELETED`	Enterprise Country Firewall deleted
`ENTERPRISE_TEMPLATE_GEOIP_CONFIG_MODIFIED`	Enterprise Country Firewall modified
`ENTERPRISE_TEMPLATE_MODIFIED`	Enterprise Template Modified
`ENTERPRISE_TEMPLATE_MOVED`	Enterprise Template moved to another company
`ENTERPRISE_TEMPLATE_REVIEW_OVERDUE`	Enterprise Template Review Overdue
`ENTERPRISE_TEMPLATE_REVIEWED`	Enterprise Template Reviewed
`ENTERPRISE_TEMPLATE_SUBSCRIBED`	Subscribed to Enterprise Template
`ENTERPRISE_TEMPLATE_UNSUBSCRIBED`	Unsubscribed from Enterprise Template
`ENTERPRISE_TEMPLATE_VALIDITY_SET`	Enterprise Template Validity Set
`ET_RULES_FILE_IMPORTED`	Enterprise Template Firewall Rules Imported
`ETH_CONFIG_CHANGE`	Ethernet Configuration changed
`FAILOVER_CONFIG_DELETED`	Failover Disabled
`FAILOVER_CONFIG_MODIFIED`	Failover Modified
`FAN_ALERT_THRESHOLD_CHANGE`	Fan Speed Alert Threshold changed
`FILTER_ATTRIBUTE_CHANGE`	Content Filter Lists Changed
`FILTER_CONFIG_CHANGE`	Content Filter Changed
`FILTER_SITE_CATEGORY_CHANGE`	Content Filter Category Changed
`FILTER_SITE_PHRASELIST_CHANGE`	Content Filter Phrase List Changed
`FIREWALL_ADDITION`	Firewall Rule Added
`FIREWALL_DELETION`	Firewall Rule Deleted
`FIREWALL_MODIFICATION`	Firewall Rule Modified
`FIREWALL_SETTINGS_MODIFIED`	Firewall Settings Modified

`FIREWALL_TRACE_DISABLED`	Trace logging Deactivated
`FIREWALL_TRACE_ENABLED`	Trace Logging Activated
`FIRMWARE_STREAM_ADDED`	Firmware Stream added
`FIRMWARE_STREAM_DELETED`	Firmware Stream deleted
`FIRMWARE_STREAM_EDITED`	Firmware Stream edited
`FIRMWARE_UPDATE_WINDOW_ADDED`	Firmware Update Window added
`FIRMWARE_UPDATE_WINDOW_DELETED`	Firmware Update Window deleted
`FIRMWARE_UPDATE_WINDOW_EDITED`	Firmware Update Window edited
`GENERIC_CONFIG_CHANGE`	Configuration modified
`HEALTH_MONITOR_CREATED`	Health Monitor created
`HEALTH_MONITOR_DELETED`	Health Monitor deleted
`HEALTH_MONITOR_MODIFIED`	Health Monitor modified
`HOTSPOT_CONFIGURATION_CHANGED`	Hotspot changed
`HOTSPOT_EXTERNAL_PROVIDER_CHANGED`	External Hotspot Provider changed
`HOTSPOT_WHITELIST_CHANGED`	Hotspot whitelist changed
`IDS_CHANGE_APPROVED`	IDS Profile Change Approved
`IDS_CHANGE_REJECTED`	IDS Profile Change Rejected
`IDS_MODIFIED`	IDS settings modified
`IDS_REVIEW_OVERDUE`	IDS Profile Review Overdue
`IDS_REVIEWED`	IDS Profile Reviewed
`IDS_SOURCE_CREATED`	IDS Rule Source created
`IDS_SOURCE_DELETED`	IDS Rule Source deleted
`IDS_SOURCE_MODIFIED`	IDS Rule Source modified
`IGMP_CONFIG_CREATED`	IGMP Config Created
`IGMP_CONFIG_MODIFIED`	IGMP Config Modified
`IP_GROUP_CHANGE_APPROVED`	IP Group change approved
`IP_GROUP_CHANGE_REJECTED`	IP Group change rejected
`IP_GROUP_CREATED`	IP Group created
`IP_GROUP_DELETED`	IP Group deleted

`IP_GROUP_ENTRY_ADDED`	IP Group entry created
`IP_GROUP_ENTRY_ADDED_PENDING`	IP Group Entry added - Pending Review
`IP_GROUP_ENTRY_DELETED`	IP Group entry deleted
`IP_GROUP_ENTRY_DELETED_PENDING`	IP Group Entry deleted - Pending Review
`IP_GROUP_ENTRY_MODIFIED`	IP Group entry edited
`IP_GROUP_ENTRY_MODIFIED_PENDING`	IP Group Entry modified - Pending Review
`IP_GROUP_MODIFIED`	IP Group edited
`IP_GROUP_REVIEW_OVERDUE`	IP Group Review Overdue
`IP_GROUP_REVIEWED`	IP Group Reviewed
`IP_SEC_ADDITION`	VPN Addition
`IP_SEC_DELETION`	VPN Deletion
`IP_SEC_MODIFICATION`	VPN Modified
`IPSEC_PROFILE_ADDED`	IPsec Profile added
`IPSEC_PROFILE_DELETED`	IPsec Profile deleted
`IPSEC_PROFILE_MODIFIED`	IPsec Profile modified
`LABEL_ADDED`	Label added
`LABEL_DELETED`	Label deleted
`LABEL_EDITED`	Label edited
`LAN_CONFIG_CHANGE`	LAN Configuration changed
`LICENSE_EVENT`	Licence Modification
`LLDP_CONFIG_CREATED`	LLDP Config Created
`LLDP_CONFIG_MODIFIED`	LLDP Config Modified
`LOAD_BALANCE_SETTINGS_MODIFIED`	Load Balancing settings changed
`LOCAL_DNS_SETTINGS_CHANGED`	Local DNS Settings Changed
`MAKO_CONFIG_REVIEWED`	Mako Configuration Reviewed
`MAKO_CREATED`	Mako Created
`MAKO_DELETED`	Mako Deleted

`MAKO_FIRMWARE_SETTINGS`	Firmware settings changed
`MAKO_GEOIP_CONFIG_CREATED`	Country Firewall added
`MAKO_GEOIP_CONFIG_DELETED`	Country Firewall deleted
`MAKO_GEOIP_CONFIG_MODIFIED`	Country Firewall modified
`MAKO_HARDWARE_TYPE_CHANGE`	Mako hardware type changed
`MAKO_IDENTIFICATION_CHANGE`	Identification Change
`MAKO_MOVED`	Mako Moved
`MAKO_POOL_CREATED`	Mako Pool created
`MAKO_POOL_DELETED`	Mako Pool deleted
`MAKO_POOL_MEMBERSHIP_CREATED`	Mako Pool Membership created
`MAKO_POOL_MEMBERSHIP_DELETED`	Mako Pool Membership deleted
`MAKO_POOL_MEMBERSHIP_MODIFIED`	Mako Pool Membership modified
`MAKO_POOL_MODIFIED`	Mako Pool modified
`MAKO_TEMPLATE_APPLIED`	Mako Template
`METADATA_ADDED`	Metadata added
`METADATA_DELETED`	Metadata deleted
`METADATA_EDITED`	Metadata edited
`METADATA_SUGGESTION_CREATED`	Metadata Suggestion added
`METADATA_SUGGESTION_DELETED`	Metadata Suggestion deleted
`METADATA_SUGGESTION_MODIFIED`	Metadata Suggestion edited
`METADATA_SUGGESTION_VALUE_CREATED`	Metadata Suggestion Value added
`METADATA_SUGGESTION_VALUE_DELETED`	Metadata Suggestion Value deleted
`METADATA_SUGGESTION_VALUE_MODIFIED`	Metadata Suggestion Value edited
`MVPN_ADDITION`	VPN Cloud Added
`MVPN_DELETION`	VPN Cloud Deleted
`MVPN_MEMBER_ADDED`	VPN Cloud Member Added
`MVPN_MEMBER_DELETED`	VPN Cloud Member Deleted
`MVPN_MEMBER_MODIFIED`	VPN Cloud Member Modified

`MVPN_MEMBER_PROPERTY_MODIFIED`	VPN Cloud Member's Property Modified
`MVPN_MODIFICATION`	VPN Cloud Modified
`NAC_CONFIG_CREATED`	NAC Config Created
`NAC_CONFIG_MODIFIED`	NAC Config Modified
`NETFLOW_SETTINGS_CHANGED`	Netflow Settings Changed
`NETWORK_SCAN_CONFIG_CREATED`	Network Scan Config created
`NETWORK_SCAN_CONFIG_DELETED`	Network Scan Config deleted
`NETWORK_SCAN_CONFIG_MODIFIED`	Network Scan Config modified
`NETWORK_SCAN_REQUESTED`	Network Scan requested
`NOTE_UPDATED`	Note updated
`OPENVPN_ACCESS_GRANTED`	OpenVPN Access Granted
`OPENVPN_ACCESS_REVOKED`	OpenVPN Access Revoked
`OPENVPN_CLIENT_CONFIG_DOWNLOAD`	OpenVPN Client Config Downloaded
`OPENVPN_SETTINGS_CHANGED`	OpenVPN Settings Changed
`PAYMENT_GATEWAY_CREATED`	Payment Gateway created
`PAYMENT_GATEWAY_DELETED`	Payment Gateway deleted
`PAYMENT_GATEWAY_MODIFIED`	Payment Gateway modified
`PAYMENT_GATEWAY_SUBNET_CREATED`	Payment Gateway Subnet created
`PAYMENT_GATEWAY_SUBNET_DELETED`	Payment Gateway Subnet deleted
`PAYMENT_GATEWAY_SUBNET_MODIFIED`	Payment Gateway Subnet modified
`PCI_COMPLIANCE_BROKEN_EVENT`	PCI DSS Template Overridden
`PCI_COMPLIANCE_FIXED_EVENT`	PCI DSS Template Restored
`PCI_GENERIC_EVENT`	PCI DSS Event
`PCI_PROFILE_BASE_SSID_ADDED`	PCI Group Base SSID added
`PCI_PROFILE_BASE_SSID_DELETED`	PCI Group Base SSID deleted
`PCI_PROFILE_BASE_SSID_MODIFIED`	PCI Group Base SSID modified
`PCI_PROFILE_CHANGE_APPROVED`	PCI Group Change Approved
`PCI_PROFILE_CHANGE_REJECTED`	PCI Group Change Rejected

`PCI_PROFILE_CREATED`	PCI Group added
`PCI_PROFILE_DELETED`	PCI Group deleted
`PCI_PROFILE_ENTERPRISE_TEMPLATE_ADDED`	PCI Group enterprise template added
`PCI_PROFILE_ENTERPRISE_TEMPLATE_ADDED` `_PENDING`	PCI Group enterprise template added - Pending Approval
`PCI_PROFILE_ENTERPRISE_TEMPLATE_DELETED`	PCI Group enterprise template deleted
`PCI_PROFILE_ENTERPRISE_TEMPLATE_DELETED` `_PENDING`	PCI Group enterprise template deleted - Pending Approval
`PCI_PROFILE_ENTERPRISE_TEMPLATE_MODIFIED`	PCI Group enterprise template modified
`PCI_PROFILE_ENTERPRISE_TEMPLATE_MODIFIED` `_PENDING`	PCI Group enterprise template modified - Pending Approval
`PCI_PROFILE_MODIFIED`	PCI Group modified
`PCI_PROFILE_NETWORK_ADDED`	PCI Group network added
`PCI_PROFILE_NETWORK_ADDED_PENDING`	PCI Group network added - Pending Approval
`PCI_PROFILE_NETWORK_DELETED`	PCI Group network deleted
`PCI_PROFILE_NETWORK_DELETED_PENDING`	PCI Group network deleted - Pending Approval
`PCI_PROFILE_NETWORK_MODIFIED`	PCI Group network modified
`PCI_PROFILE_NETWORK_MODIFIED_PENDING`	PCI Group network modified - Pending Approval
`PCI_PROFILE_PAYMENT_GATEWAY_ADDED`	PCI Group payment gateway added
`PCI_PROFILE_PAYMENT_GATEWAY_ADDED_PENDING`	PCI Group payment gateway added - Pending Approval
`PCI_PROFILE_PAYMENT_GATEWAY_DELETED`	PCI Group payment gateway deleted
`PCI_PROFILE_PAYMENT_GATEWAY_DELETED_PENDING`	PCI Group payment gateway deleted - Pending Approval
`PCI_PROFILE_PAYMENT_GATEWAY_MODIFIED`	PCI Group payment gateway modified
`PCI_PROFILE_PAYMENT_GATEWAY_MODIFIED_PENDING`	PCI Group payment gateway modified - Pending Approval

`PCI_PROFILE_PRE_APPROVED_CONTENT_ADDED`	PCI Group pre approved content added
`PCI_PROFILE_PRE_APPROVED_CONTENT_ADDED _PENDING`	PCI Group pre approved content added - Pending Approval
`PCI_PROFILE_PRE_APPROVED_CONTENT_DELETED`	PCI Group pre approved content deleted
`PCI_PROFILE_PRE_APPROVED_CONTENT_DELETED _PENDING`	PCI Group pre approved content deleted - Pending Approval
`PCI_PROFILE_PRE_APPROVED_CONTENT_MODIFIED`	PCI Group pre approved content modified
`PCI_PROFILE_PRE_APPROVED_CONTENT_MODIFIED _PENDING`	PCI Group pre approved content modified - Pending Approval
`PCI_PROFILE_REVIEWED`	PCI Group Reviewed
`PCI_PROFILE_SAQ_TEMPLATE_ADDED`	PCI Group saq template added
`PCI_PROFILE_SAQ_TEMPLATE_ADDED_PENDING`	PCI Group saq template added - Pending Approval
`PCI_PROFILE_SAQ_TEMPLATE_DELETED`	PCI Group saq template deleted
`PCI_PROFILE_SAQ_TEMPLATE_DELETED_PENDING`	PCI Group saq template deleted - Pending Approval
`PCI_PROFILE_SAQ_TEMPLATE_MODIFIED`	PCI Group saq template modified
`PCI_PROFILE_SAQ_TEMPLATE_MODIFIED_PENDING`	PCI Group saq template modified - Pending Approval
`PCI_PROFILE_SETTINGS_ADDED`	PCI Group settings added
`PCI_PROFILE_SETTINGS_ADDED_PENDING`	PCI Group settings added - Pending Approval
`PCI_PROFILE_SETTINGS_DELETED`	PCI Group settings deleted
`PCI_PROFILE_SETTINGS_DELETED_PENDING`	PCI Group settings deleted - Pending Approval
`PCI_PROFILE_SETTINGS_MODIFIED`	PCI Group settings modified
`PCI_PROFILE_SETTINGS_MODIFIED_PENDING`	PCI Group settings modified - Pending Approval
`PCI_PROFILE_SITE_ADDED`	PCI Group site subscribed
`PCI_PROFILE_SITE_ADDED_PENDING`	PCI Group site added - Pending Approval

`PCI_PROFILE_SITE_DELETED`	PCI Group site unsubscribed
`PCI_PROFILE_SITE_DELETED_PENDING`	PCI Group site deleted - Pending Approval
`PCI_PROFILE_SITE_MODIFIED`	PCI Group site modified
`PCI_PROFILE_SITE_MODIFIED_PENDING`	PCI Group site modified - Pending Approval
`PCI_PROFILE_TASK_ADDED`	PCI Group task added
`PCI_PROFILE_TASK_ADDED_PENDING`	PCI Group task added - Pending Approval
`PCI_PROFILE_TASK_DELETED`	PCI Group task deleted
`PCI_PROFILE_TASK_MODIFIED`	PCI Group task modified
`PCI_PROFILE_TASK_RECORD_ADDED`	PCI Group task record added
`PCI_PROFILE_TASK_RECORD_DELETED`	PCI Group task record deleted
`PCI_PROFILE_TASK_RECORD_MODIFIED`	PCI Group task record modified
`PCI_PROFILE_TASK_SCHEDULE_ADDED`	PCI Group task schedule added
`PCI_PROFILE_TASK_SCHEDULE_DELETED`	PCI Group task schedule deleted
`PCI_PROFILE_TASK_SCHEDULE_MODIFIED`	PCI Group task schedule modified
`PCI_SWITCH_OFF_EVENT`	PCI DSS Template Service Disabled
`PCI_SWITCH_ON_EVENT`	PCI DSS Template Service Enabled
`PCI_TEMPLATE_REVIEW_OVERDUE`	PCI Template Review Overdue
`PCI_TEMPLATE_REVIEWED`	PCI Template Reviewed
`PHONE_CHANGED`	Phone Changed
`PORTSCAN_THRESHOLD_CHANGE_EVENT`	Portscan Threshold Change
`POWER_PLUG_PHONE_ADDED`	Smart plug phone number added
`POWER_PLUG_PHONE_DELETED`	Smart plug phone number deleted
`POWER_PLUG_PHONE_MODIFIED`	Smart plug phone number modified
`PPP_CONFIG_CHANGE`	Internet Configuration changed
`PRE_APPROVED_CONTENT_CREATED`	Pre-Approved Content Created
`PRE_APPROVED_CONTENT_DELETED`	Pre-Approved Content Deleted
`PRE_APPROVED_CONTENT_MODIFIED`	Pre-Approved Content Modified

`PRIMARY_WAN_CONNECTION_CHANGE`	Primary WAN connection changed
`QOS_CHANGE`	QoS Changed
`REBOOT_REQUEST`	Reboot Request
`REMOTE_SYSLOG_SETTINGS_CHANGED`	Remote Syslog Settings Changed
`REPORT_CUSTOMIZATION`	Report Customization
`ROUTING_RULE_ADDED`	Routing rule added
`ROUTING_RULE_DELETED`	Routing rule deleted
`ROUTING_RULE_MODIFIED`	Routing rule modified
`ROUTING_RULE_MOVED`	Routing rule moved
`SAQ_CREATED`	SAQ created
`SAQ_DELETED`	SAQ deleted
`SAQ_EMAILED`	SAQ emailed
`SAQ_GROUP_CREATED`	SAQ Group created
`SAQ_GROUP_DELETED`	SAQ Group deleted
`SAQ_GROUP_MODIFIED`	SAQ Group modified
`SAQ_MODIFIED`	SAQ modified
`SAQ_SUBMITTED`	SAQ submitted
`SAQ_TEMPLATE_CREATED`	SAQ Template created
`SAQ_TEMPLATE_DELETED`	SAQ Template deleted
`SAQ_TEMPLATE_MODIFIED`	SAQ Template modified
`SERVICE_GROUP_CHANGE_APPROVED`	Service Group change approved
`SERVICE_GROUP_CHANGE_REJECTED`	Service Group change rejected
`SERVICE_GROUP_CREATED`	Service Group created
`SERVICE_GROUP_DELETED`	Service Group deleted
`SERVICE_GROUP_ENTRY_ADDED`	Service Group entry created
`SERVICE_GROUP_ENTRY_ADDED_PENDING`	Service Group Entry added - Pending Review
`SERVICE_GROUP_ENTRY_DELETED`	Service Group entry deleted
`SERVICE_GROUP_ENTRY_DELETED_PENDING`	Service Group Entry deleted - Pending Review

`SERVICE_GROUP_ENTRY_MODIFIED`	Service Group entry edited
`SERVICE_GROUP_ENTRY_MODIFIED_PENDING`	Service Group Entry modified - Pending Review
`SERVICE_GROUP_MODIFIED`	Service Group edited
`SERVICE_GROUP_REVIEW_OVERDUE`	Service Group Review Overdue
`SERVICE_GROUP_REVIEWED`	Service Group Reviewed
`SFP_CONFIG_CHANGE`	SFP Configuration changed
`SITE_ADDED_TO_SPEED_TEST_GROUP`	Site added to Speed test group
`SITE_REMOVED_FROM_SPEED_TEST_GROUP`	Site removed from Speed test group
`SNMP_CONFIG_MODIFIED`	SNMP Config Modified
`SOFTWARE_PROFILE_CREATED`	Firmware Profile created
`SOFTWARE_PROFILE_DELETED`	Firmware Profile deleted
`SOFTWARE_PROFILE_MODIFIED`	Firmware Profile modified
`SP_ADDED`	Service Provided Added
`SP_DELETED`	Service Provider Deleted
`SP_VPN_ACCESS_GRANTED`	Service Provider VPN Access Granted
`SP_VPN_ACCESS_REVOKED`	Service Provider VPN Access Revoked
`SPEED_TEST_GROUP_CREATED`	Speed Test Group Created
`SPEED_TEST_GROUP_DELETED`	Speed Test Group Deleted
`SPEED_TEST_GROUP_MODIFIED`	Speed Test Group Modified
`SPEED_TEST_SERVER_CONFIG_CREATED`	Speed Test Server Config Created
`SPEED_TEST_SERVER_CONFIG_DELETED`	Speed Test Server Config Deleted
`SPEED_TEST_SERVER_CONFIG_MODIFIED`	Speed Test Server Config Modified
`STATIC_ROUTE_ADDED`	Static Route Added
`STATIC_ROUTE_DELETED`	Static Route Deleted
`STATIC_ROUTE_MODIFIED`	Static Route Modified
`STP_CONFIG_CREATED`	STP Config Created
`STP_CONFIG_MODIFIED`	STP Config Modified

`SWITCH_CONFIG_CREATED`	Switch Config Created
`SWITCH_CONFIG_MODIFIED`	Switch Config Modified
`SWITCH_MAC_FILTERING_ADDRESS_CREATED`	MAC Filtering Address Created
`SWITCH_MAC_FILTERING_ADDRESS_DELETED`	MAC Filtering Address Deleted
`SWITCH_MAC_FILTERING_ADDRESS_MODIFIED`	MAC Filtering Address Modified
`SWITCH_PORT_PROFILE_CREATED`	Switch Port Profile Created
`SWITCH_PORT_PROFILE_DELETED`	Switch Port Profile Deleted
`SWITCH_PORT_PROFILE_MAC_FILTERING_CREATED`	MAC Group Created
`SWITCH_PORT_PROFILE_MAC_FILTERING_DELETED`	MAC Group Deleted
`SWITCH_PORT_PROFILE_MAC_FILTERING_MODIFIED`	MAC Group Modified
`SWITCH_PORT_PROFILE_MODIFIED`	Switch Port Profile Modified
`SWITCH_PROFILE_ALLOCATED`	Switch Profile added to mako
`SWITCH_PROFILE_CREATED`	Switch Profile Created
`SWITCH_PROFILE_DEALLOCATED`	Switch Profile removed from mako
`SWITCH_PROFILE_DELETED`	Switch Profile Deleted
`SWITCH_PROFILE_MODIFIED`	Switch Profile Modified
`SWITCH_SNMP_CONFIG_CREATED`	SNMP Config Created
`SWITCH_SNMP_CONFIG_MODIFIED`	SNMP Config Modified
`TEMP_ALERT_THRESHOLD_CHANGE`	Temperature Alert Threshold changed
`THRESHOLD_SETTINGS_MODIFIED`	Threshold Settings Modified
`TWO_FACTOR_SETTINGS_CHANGED`	Multi-Factor Settings Changed
`USB_CONFIG_DOWNLOADED`	USB Key Configuration Downloaded
`USERNAME_CHANGED`	Username Changed
`VLAN_CONFIG_CHANGE`	VLAN Configuration changed
`VOIP_CONFIG_CREATED`	VoIP Config Created
`VOIP_CONFIG_MODIFIED`	VoIP Config Modified
`VPN_CLOUD_POOL_MEMBERSHIP_CREATED`	VPN Cloud Pool membership created
`VPN_CLOUD_POOL_MEMBERSHIP_DELETED`	VPN Cloud Pool membership deleted

`VPN_CLOUD_POOL_MEMBERSHIP_MODIFIED`	VPN Cloud Pool membership modified
`VPN_CONNECTION_THRESHOLD_ALERT_CHANGE`	VPN Connections threshold alert changed
`WAN_CONFIG_CHANGE`	WAN Configuration changed
`WLAN_CONFIG_CHANGE`	WLAN Configuration changed
`WORM_THRESHOLD_CHANGE_EVENT`	Worm Detection Threshold Change