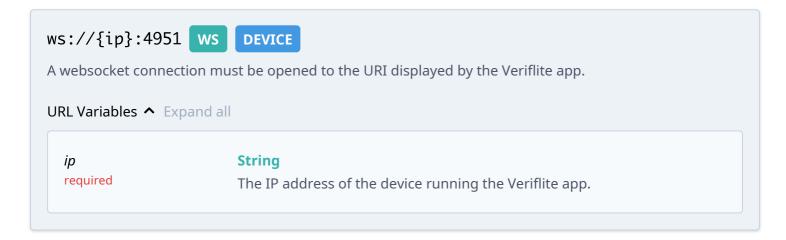
# Veriflite Portal 0.1-4-g40e9283

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The Veriflite Portal enables developers to access Veriflite's Time of Flight data through websockets and create custom applications that interact with the Veriflite bounce data. The latest API documentation can be found at 'https://veriflite.github.io/portal-api'.

### Servers

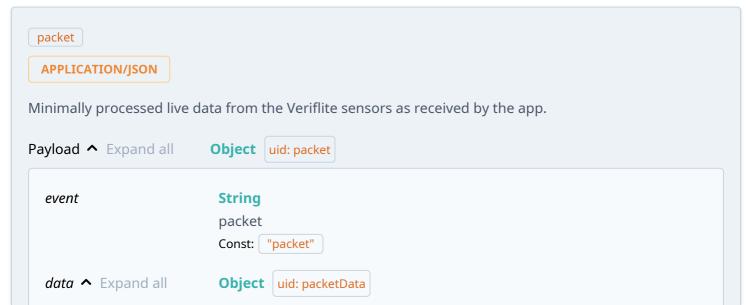


## Operations

SUB /raw

Open a connection to the /raw endpoint to receive unprocessed bounce events in the form of landing and depart timestamps.

### Accepts the following message:



Examples values:
{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"type":"IMPACT\_TIME","dat
a":9072}

address String

Unique sensor identifier.

sequenceNumber Integer

Used to determine the order in which the packets were generated by

the sensor.

*type* String

Sensor event described in this packet. The \_SYNC suffix indicates that the sensor has synchronised its clock with another sensor, and the timestamp values may be used for calculating a synchro score, whereas the \_TIME suffix indicates that it is not a synchronised value.

Allowed values: "IMPACT\_SYNC" "IMPACT\_TIME" "DEPART\_SYNC" "DEPART\_TIME" "IDLE\_SYNC" "IDLE\_TIME" "BATTERY\_VOLTAGE"

data Integer

Sensor packet payload, either a timestamp (ms) or battery voltage

(mV).

Additional properties are allowed.

Additional properties are allowed.

#### **Examples**

Payload ^

```
{
    "event": "packet",
    "data": {
        "address": "90:FD:9F:AC:9B:7F",
        "sequenceNumber": 11,
        "type": "IMPACT_TIME",
        "data": 9072
}
```

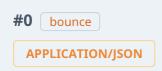
This example has been generated automatically.

SUB /flight

Processed bounce events.

Receive processed bounce data from the Veriflite sensors as it arrives at the app.

#### Accepts **one of** the following messages:



Live individual bounce data after processing in the Veriflite app. This event may be a new bounce, an

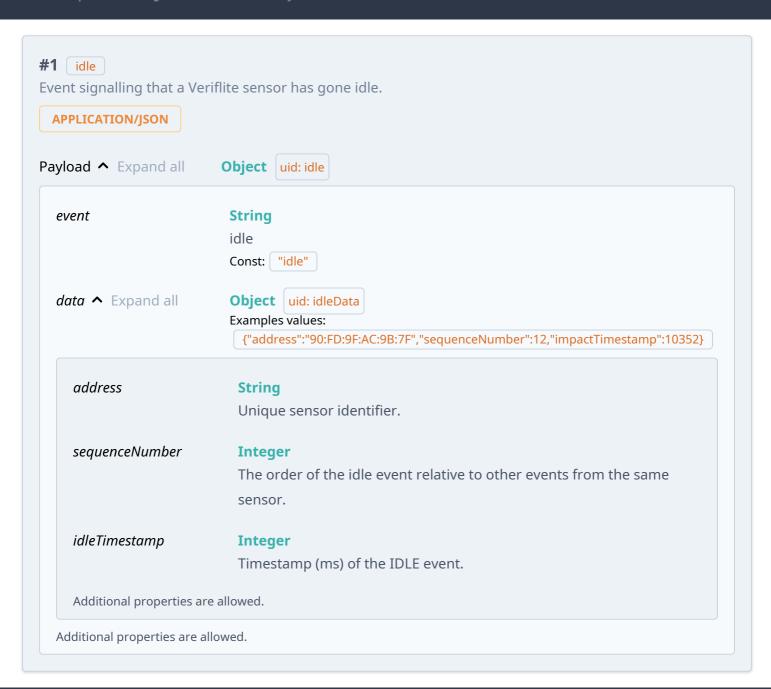
update to an already received bounce or indicate an existing bounce has been found invalid and should be discarded. Payload ^ Expand all **Object** uid: bounce **String** event bounce Const: "bounce" data ^ Expand all **Object** uid: bounceData Examples values: {"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"timeOfFlight":1425,"toFDel ta":45,"impactTimestamp":9072,"isInvalid":false} address String Unique sensor identifier. sequenceNumber **Integer** The order of the bounce event relative to other events from the same sensor. This value corresponds to the sequence number of the IMPACT packet which ends the flight phase of the bounce. Note - This sequence will not be contiguous. timeOfFlight **Integer** Duration (ms) from DEPART to IMPACT event timestamps. toFDelta **Integer** Difference (ms) in timeOfFlight from the previous bounce. impactTimestamp **Integer** Timestamp (ms) of the IMPACT event which ends the flight phase. isInvalid **Boolean** Indicates that a bounceData packet which was previously broadcast is now determined to be invalid and should be discarded. Additional properties are allowed.

Additional properties are allowed.

```
Payload

{
    "event": "bounce",
    "data": {
        "address": "90:FD:9F:AC:9B:7F",
        "sequenceNumber": 11,
        "timeOfFlight": 1425,
        "toFDelta": 45,
        "impactTimestamp": 9072,
        "isInvalid": false
    }
}
```

This example has been generated automatically.



### Examples

```
{
  "event": "idle",
  "data": {
     "address": "90:FD:9F:AC:9B:7F",
     "sequenceNumber": 12,
     "impactTimestamp": 10352
}
}
```

This example has been generated automatically.

```
#2 sensor-reset
Event indicating that at least one of the Veriflite sensors connected to the application has disconnected or
reset. Expect sequence numbers following this to reset and caches to be discarded (there will be no
updates to past jumps on missing data received).
Payload ^ Expand all
                            Object uid: sensor-reset
  event
                             String
                             sensor-reset
                             Const: "sensor-reset"
  data ^ Expand all
                             Object
                             Placeholder for future development
                             Const: null
     Additional properties are allowed.
  Additional properties are allowed.
```

#### **Examples**

```
Payload

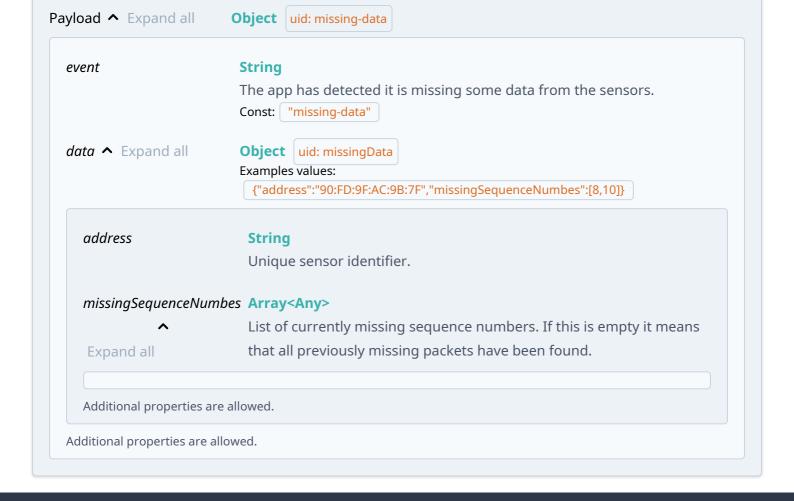
{
    "event": "sensor-reset",
    "data": null
}
```

This example has been generated automatically.

```
#3 missing-data
```

#### **APPLICATION/JSON**

Event indicating that there are packets that were expected from the app that have either not arrived - meaning that jump data is unreliable, or that previously missing packets have arrived.



#### **Examples**

```
Payload ^
```

```
{
  "event": "missing-data",
  "data": {
    "address": "90:FD:9F:AC:9B:7F",
    "missingSequenceNumbes": [
        8,
        10
    ]
}
```

This example has been generated automatically.

## PUB /sensor

Request sensor data and receive sensor events.

Request information about the Veriflite sensors known by the app.

### Accepts **one of** the following messages:

```
#0 sensor-request
```

#### APPLICATION/JSON

Request a list of the sensors known to the app. This consists of sensors that are either currently active or have been active since the portal was started on the app.

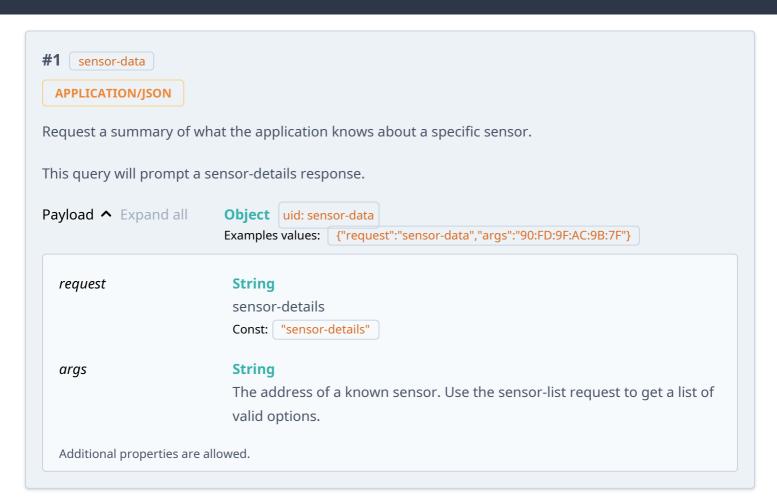
This query will prompt a sensor-list response.

#### Examples

```
Payload

{
    "request": "sensor-list"
}
```

This example has been generated automatically.



```
#1 Example

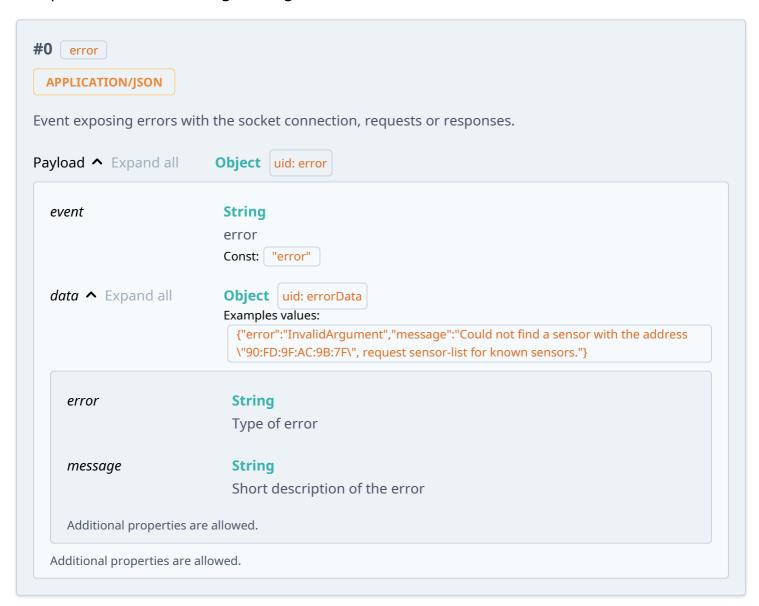
{
    "request": "sensor-data",
    "args": "90:FD:9F:AC:9B:7F"
}
```

## SUB /sensor

Request sensor data and receive sensor events.

Receive information about the Veriflite sensors known by the app.

#### Accepts one of the following messages:

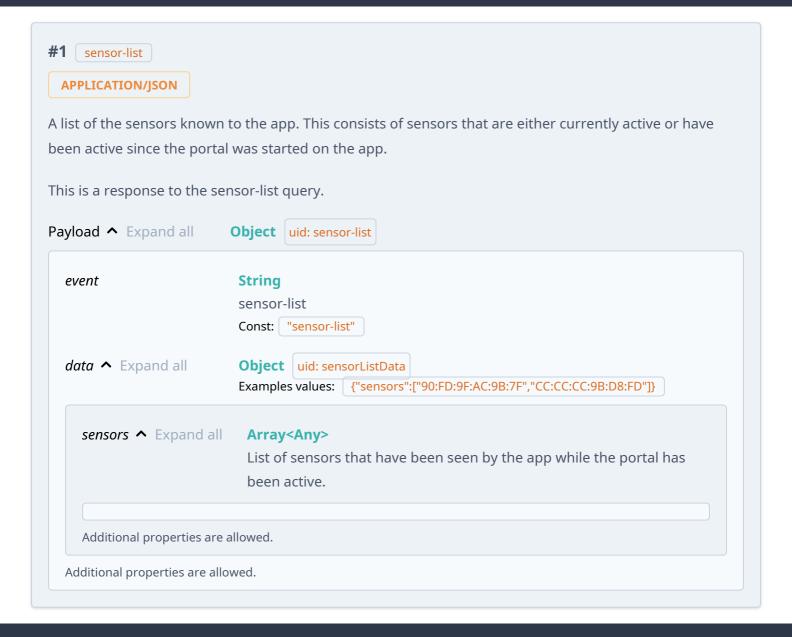


## Examples

Payload

```
{
  "event": "error",
  "data": {
    "error": "InvalidArgument",
    "message": "Could not find a sensor with the address \"90:FD:9F:AC:9B:7F\", request sensor-list for known sensors."
  }
}
```

This example has been generated automatically.



## Examples

```
Payload ^
```

```
{
  "event": "sensor-list",
  "data": {
    "sensors": [
        "90:FD:9F:AC:9B:7F",
        "CC:CC:CC:9B:D8:FD"
]
```

This example has been generated automatically.

**#2** sensor-details

APPLICATION/JSON

A summary of what the app knows about a specific sensor.

This is a response to the sensor-list query.

Payload A Expand all Object uid: sensor-details

event String

sensor-details

Const: "sensor-details"

data ↑ Expand all Object uid: sensorDetailData

Examples values:

{"friendlyName":"Trampoline 1","firmwareVersion":"1.13.3","batteryLevel":1503,"is Paired":false,"syncID":-1,"bootNumber":173,"lifetimeJumps":4542,"lifetimeAge":18 8678,"uniqueID":844383776,"advertisingRate":13.0791388,"isHighPower":false}

friendlyName String

User friendly name given to the sensor and displayed throughout

Veriflite

firmwareVersion String

Firmware version running on the sensor

batteryLevel Integer

Battery voltage in mV

isPaired Boolean

Whether the sensor is paired (and clock synced) with another sensor.

Useful for synchro calculations.

syncID Integer

Given to a sensor for synchro pairing. Sensors will attempt to pair

with others on the same sync ID.

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events sent by the sensor in its lifetime.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in

seconds.

uniqueID Integer

A unique ID number for a given sensor.

advertisingRate Number

Rate at which packets from the sensor are received by the appindicates the strength of the signal from the sensor to app.

isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

Additional properties are allowed.

Additional properties are allowed.

#### **Examples**

Payload /

```
{
  "event": "sensor-details",
  "data": {
    "friendlyName": "Trampoline 1",
    "firmwareVersion": "1.13.3",
    "batteryLevel": 1503,
    "isPaired": false,
    "syncID": -1,
    "bootNumber": 173,
    "lifetimeJumps": 4542,
    "lifetimeAge": 188678,
    "uniqueID": 844383776,
    "advertisingRate": 13.0791388,
    "isHighPower": false
  }
}
```

This example has been generated automatically.

```
#3 battery
Current sensor battery level (mV)

APPLICATION/JSON

Payload A Expand all Object uid: battery

event String
```

#### **Examples**

```
Payload

{
    "event": "battery",
    "data": {
        "address": "90:FD:9F:AC:9B:7F",
        "batteryLevel": 1503
    }
}
```

This example has been generated automatically.

```
#4 status-flags
  APPLICATION/JSON
Status flags received from a sensor providing firmware information.
Payload ^ Expand all
                            Object uid: status-flags
                              String
  event
                              status-flags
                              Const: "status-flags"
  data ^ Expand all
                              Object uid: statusFlagData
                              Examples values:
                                {"address":"90:FD:9F:AC:9B:7F","uniqueID":844383776,"firmwareVersion":"1.13.
                                3","isHighPower":false,"bootNumber":134,"lifetimeJumps":4542,"lifetimeAge":1886
                                78}
     address
                               String
                               Unique sensor identifier.
```

uniqueID Integer

A unique ID number for a given sensor.

firmwareVersion

Firmware version running on the sensor.

isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

**String** 

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events ever detected by the sensor.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in

seconds.

Additional properties are allowed.

Additional properties are allowed.

### **Examples**

Payload /

```
{
  "event": "status-flags",
  "data": {
    "address": "90:FD:9F:AC:9B:7F",
    "uniqueID": 844383776,
    "firmwareVersion": "1.13.3",
    "isHighPower": false,
    "bootNumber": 134,
    "lifetimeJumps": 4542,
    "lifetimeAge": 188678
  }
}
```

This example has been generated automatically.

**#5** display-name

APPLICATION/JSON

Event indicating that a sensor has sent the user-friendly display name given to it.

```
Payload ^ Expand all
                            Object uid: display-name
                             String
  event
                             display-name
                             Const: "display-name"
  data ^ Expand all
                             Object uid: displayNameData
                             Examples values: {"address":"90:FD:9F:AC:9B:7F","friendlyName":"Trampoline 1"}
     address
                              String
                               Unique sensor identifier.
    friendlyName
                               String
                               User friendly name given to the sensor and displayed throughout
                              Veriflite.
     Additional properties are allowed.
  Additional properties are allowed.
```

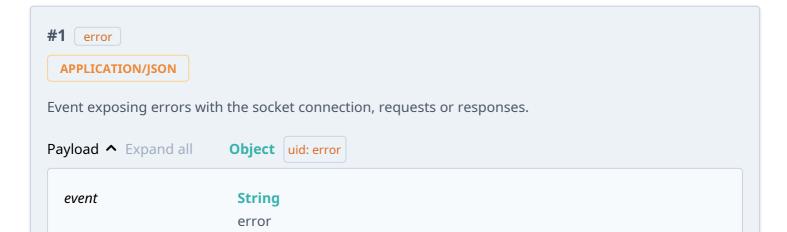
```
Examples
```

```
Payload

{
    "event": "display-name",
    "data": {
        "address": "90:FD:9F:AC:9B:7F",
        "friendlyName": "Trampoline 1"
     }
}
```

This example has been generated automatically.

## Messages



Additional properties are allowed.

# #2 packet APPLICATION/JSON

Minimally processed live data from the Veriflite sensors as received by the app.

data ↑ Expand all Object uid: packetData

Examples values:

{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"type":"IMPACT\_TIME","dat a":9072}

address String

Unique sensor identifier.

sequenceNumber Integer

Used to determine the order in which the packets were generated by the sensor.

*type* String

Sensor event described in this packet. The \_SYNC suffix indicates that the sensor has synchronised its clock with another sensor, and the timestamp values may be used for calculating a synchro score, whereas the \_TIME suffix indicates that it is not a synchronised value.

Allowed values: "IMPACT\_SYNC" "IMPACT\_TIME" "DEPART\_SYNC"

"IDEPART\_TIME" | "IDLE\_SYNC" | "IMPACT\_TIME" | "DEPART\_SYNC" | "IDLE\_TIME" | "BATTERY\_VOLTAGE"

data Integer

Sensor packet payload, either a timestamp (ms) or battery voltage (mV)

Additional properties are allowed.

Additional properties are allowed.

#### **#3** bounce

#### APPLICATION/JSON

Live individual bounce data after processing in the Veriflite app. This event may be a new bounce, an update to an already received bounce or indicate an existing bounce has been found invalid and should be discarded.

Payload A Expand all Object uid: bounce

event String

bounce

Const: "bounce"

data ↑ Expand all Object uid: bounceData

Examples values:

{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"timeOfFlight":1425,"toFDelta":45,"impactTimestamp":9072,"isInvalid":false}

address String

Unique sensor identifier.

sequenceNumber Integer

The order of the bounce event relative to other events from the same

sensor. This value corresponds to the sequence number of the

IMPACT packet which ends the flight phase of the bounce. Note - This

sequence will not be contiguous.

timeOfFlight Integer

Duration (ms) from DEPART to IMPACT event timestamps.

toFDelta Integer

Difference (ms) in timeOfFlight from the previous bounce.

Timestamp (ms) of the IMPACT event which ends the flight phase.

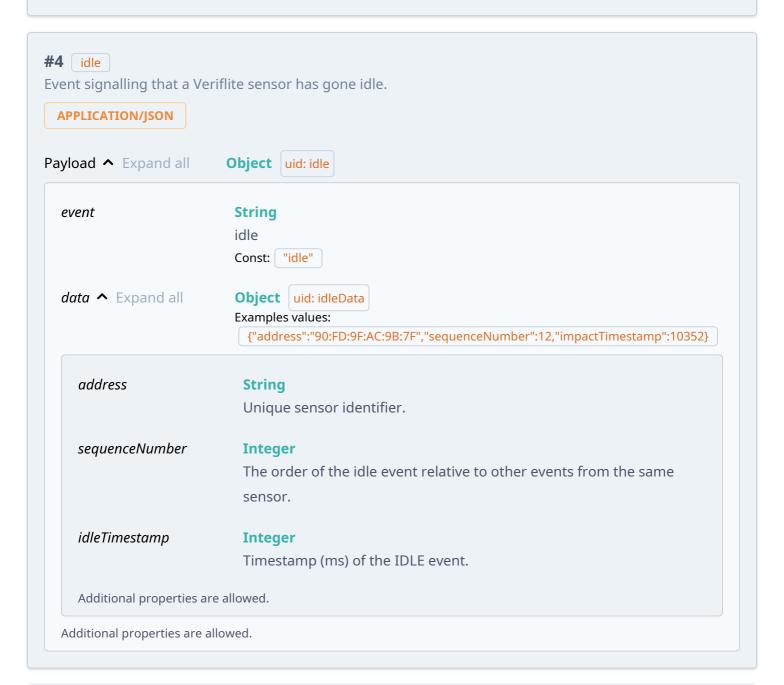
isInvalid Boolean

Indicates that a bounceData packet which was previously broadcast is

now determined to be invalid and should be discarded.

Additional properties are allowed.

Additional properties are allowed.



### **#5** sensor-reset

Event indicating that at least one of the Veriflite sensors connected to the application has disconnected or reset. Expect sequence numbers following this to reset and caches to be discarded (there will be no updates to past jumps on missing data received).

Payload Expand all Object uid: sensor-reset

event String
sensor-reset
Const: "sensor-reset"

data Expand all Object
Placeholder for future development
Const: null

Additional properties are allowed.

Additional properties are allowed.

## #6 missing-data

#### APPLICATION/JSON

Event indicating that there are packets that were expected from the app that have either not arrived - meaning that jump data is unreliable, or that previously missing packets have arrived.

Payload ^ Expand all **Object** uid: missing-data String event The app has detected it is missing some data from the sensors. Const: "missing-data" data ^ Expand all **Object** uid: missingData Examples values: {"address":"90:FD:9F:AC:9B:7F","missingSequenceNumbes":[8,10]} address String Unique sensor identifier. missingSequenceNumbes Array<Any> List of currently missing sequence numbers. If this is empty it means Expand all that all previously missing packets have been found. Additional properties are allowed. Additional properties are allowed.

# #7 sensor-request APPLICATION/JSON

Request a list of the sensors known to the app. This consists of sensors that are either currently active or have been active since the portal was started on the app.

This query will prompt a sensor-list response.

Payload A Expand all Object uid: sensor-request

request

String

sensor-list

Const: "sensor-list"

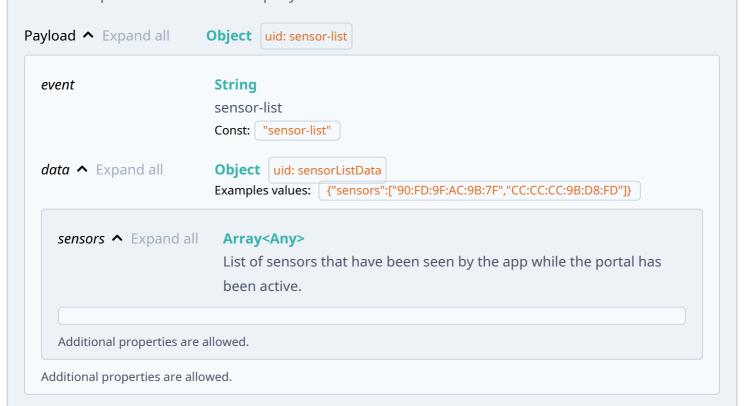
Additional properties are allowed.

**#8** sensor-data APPLICATION/JSON Request a summary of what the application knows about a specific sensor. This query will prompt a sensor-details response. Payload ^ Expand all **Object** uid: sensor-data Examples values: {"request":"sensor-data","args":"90:FD:9F:AC:9B:7F"} request **String** sensor-details Const: "sensor-details" args **String** The address of a known sensor. Use the sensor-list request to get a list of valid options. Additional properties are allowed.

# #9 sensor-list APPLICATION/JSON

A list of the sensors known to the app. This consists of sensors that are either currently active or have been active since the portal was started on the app.

This is a response to the sensor-list query.



#### APPLICATION/JSON

A summary of what the app knows about a specific sensor.

This is a response to the sensor-list query.

Payload A Expand all Object uid: sensor-details

event String

sensor-details

Const: "sensor-details"

data ↑ Expand all Object uid: sensorDetailData

Examples values:

{"friendlyName":"Trampoline 1","firmwareVersion":"1.13.3","batteryLevel":1503,"is Paired":false,"syncID":-1,"bootNumber":173,"lifetimeJumps":4542,"lifetimeAge":18 8678,"uniqueID":844383776,"advertisingRate":13.0791388,"isHighPower":false}

friendlyName String

User friendly name given to the sensor and displayed throughout

Veriflite

firmwareVersion String

Firmware version running on the sensor

batteryLevel Integer

Battery voltage in mV

isPaired Boolean

Whether the sensor is paired (and clock synced) with another sensor.

Useful for synchro calculations.

syncID Integer

Given to a sensor for synchro pairing. Sensors will attempt to pair

with others on the same sync ID.

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events sent by the sensor in its lifetime.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in

seconds.

uniqueID Integer

A unique ID number for a given sensor.

advertisingRate Number

Rate at which packets from the sensor are received by the appindicates the strength of the signal from the sensor to app.

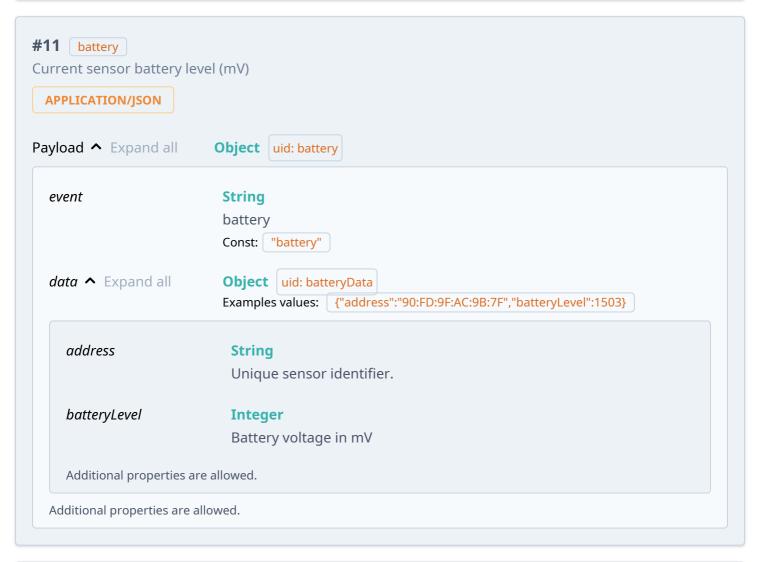
isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

Additional properties are allowed.

Additional properties are allowed.





Examples values:

{"address":"90:FD:9F:AC:9B:7F","uniqueID":844383776,"firmwareVersion":"1.13. 3","isHighPower":false,"bootNumber":134,"lifetimeJumps":4542,"lifetimeAge":1886 78}

address String

Unique sensor identifier.

uniqueID Integer

A unique ID number for a given sensor.

firmwareVersion String

Firmware version running on the sensor.

isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events ever detected by the sensor.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in

seconds.

Additional properties are allowed.

Additional properties are allowed.

**#13** display-name

APPLICATION/JSON

Event indicating that a sensor has sent the user-friendly display name given to it.

Payload A Expand all Object uid: display-name

event String

display-name

Const: "display-name"

data ↑ Expand all Object uid: displayNameData

Examples values: {"address":"90:FD:9F:AC:9B:7F","friendlyName":"Trampoline 1"}

address String

Unique sensor identifier.

String

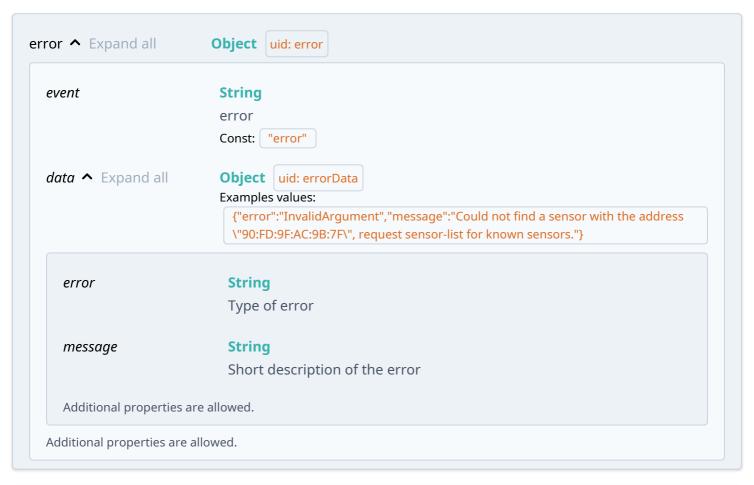
friendlyName
User friendly name given to the sensor and displayed throughout
Veriflite.

Additional properties are allowed.

Additional properties are allowed.

## Schemas

packet ^ Expand all



**Object** uid: packet

event String packet

data ↑ Expand all Object uid: packetData

Examples values:

Const: "packet"

{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"type":"IMPACT\_TIME","dat a":9072}

address String

Unique sensor identifier.

sequenceNumber Integer

Used to determine the order in which the packets were generated by

the sensor.

type String

Sensor event described in this packet. The \_SYNC suffix indicates that the sensor has synchronised its clock with another sensor, and the timestamp values may be used for calculating a synchronised value. whereas the \_TIME suffix indicates that it is not a synchronised value.

Allowed values: "IMPACT\_SYNC" "IMPACT\_TIME" "DEPART\_SYNC" "DEPART\_TIME" "IDLE\_SYNC" "IDLE\_TIME" "BATTERY\_VOLTAGE"

data Integer

Sensor packet payload, either a timestamp (ms) or battery voltage

(mV).

Additional properties are allowed.

Additional properties are allowed.

Examples values:

72}

address String

Unique sensor identifier.

sequenceNumber Integer

Used to determine the order in which the packets were generated by the

sensor.

*type* String

Sensor event described in this packet. The \_SYNC suffix indicates that the sensor has synchronised its clock with another sensor, and the timestamp values may be used for calculating a synchro score, whereas the \_TIME suffix indicates that it is not a synchronised value.

Allowed values: "IMPACT\_SYNC" "IMPACT\_TIME" "DEPART\_SYNC" "DEPART\_TIME" "IDLE\_SYNC" "IDLE\_TIME" "BATTERY\_VOLTAGE"

data Integer

Sensor packet payload, either a timestamp (ms) or battery voltage (mV).

Additional properties are allowed.

bounce A Expand all Object uid: bounce

event String

bounce

Const: "bounce"

data ↑ Expand all Object uid: bounceData

Examples values:

{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"timeOfFlight":1425,"toFDelta":45,"impactTimestamp":9072,"isInvalid":false}

address String

Unique sensor identifier.

sequenceNumber Integer

The order of the bounce event relative to other events from the same

sensor. This value corresponds to the sequence number of the

IMPACT packet which ends the flight phase of the bounce. Note - This

sequence will not be contiguous.

timeOfFlight Integer

Duration (ms) from DEPART to IMPACT event timestamps.

toFDelta Integer

Difference (ms) in timeOfFlight from the previous bounce.

Timestamp (ms) of the IMPACT event which ends the flight phase.

isInvalid Boolean

Indicates that a bounceData packet which was previously broadcast is

now determined to be invalid and should be discarded.

Additional properties are allowed.

Additional properties are allowed.

Examples values:

{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":11,"timeOfFlight":1425,"toFDelta":4

5,"impactTimestamp":9072,"isInvalid":false}

address **String** 

Unique sensor identifier.

sequenceNumber **Integer** 

> The order of the bounce event relative to other events from the same sensor. This value corresponds to the sequence number of the IMPACT packet which ends the flight phase of the bounce. Note - This sequence

will not be contiguous.

timeOfFlight **Integer** 

Duration (ms) from DEPART to IMPACT event timestamps.

toFDelta **Integer** 

Difference (ms) in timeOfFlight from the previous bounce.

impactTimestamp **Integer** 

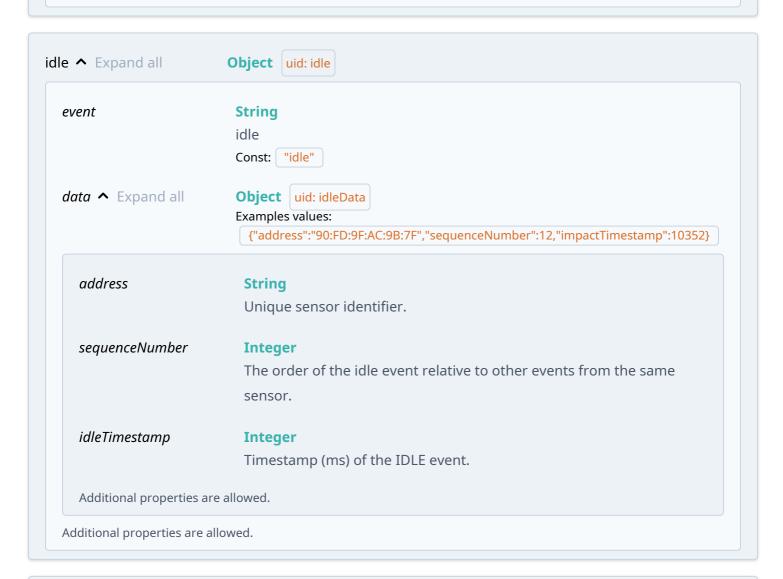
Timestamp (ms) of the IMPACT event which ends the flight phase.

isInvalid **Boolean** 

Indicates that a bounceData packet which was previously broadcast is

now determined to be invalid and should be discarded.

Additional properties are allowed.



{"address":"90:FD:9F:AC:9B:7F","sequenceNumber":12,"impactTimestamp":10352}

address String

Unique sensor identifier.

sequenceNumber Integer

The order of the idle event relative to other events from the same sensor.

idleTimestamp Integer

Timestamp (ms) of the IDLE event.

Additional properties are allowed.

Additional properties are allowed.

event

String

sensor-reset

Const: "sensor-reset"

data ^ Expand all

Object

Placeholder for future development

Const: null

Additional properties are allowed.

Additional properties are allowed.

**String** event The app has detected it is missing some data from the sensors. Const: "missing-data" data ^ Expand all **Object** uid: missingData Examples values: {"address":"90:FD:9F:AC:9B:7F","missingSequenceNumbes":[8,10]} address **String** Unique sensor identifier. missingSequenceNumbes Array<Any> List of currently missing sequence numbers. If this is empty it means that all previously missing packets have been found. Expand all Additional properties are allowed.

List of sensors that have been seen by the app while the portal has been active.

Additional properties are allowed.

Additional properties are allowed.

Examples values: {"sensors":["90:FD:9F:AC:9B:7F","CC:CC:CC:9B:D8:FD"]}

sensors ► Expand all Array<Any>

List of sensors that have been seen by the app while the portal has been

active.

Additional properties are allowed.

sensor-details A Expand all Object uid: sensor-details

event String

sensor-details

Const: "sensor-details"

data A Expand all Object uid: sensorDetailData

Examples values:

{"friendlyName":"Trampoline 1","firmwareVersion":"1.13.3","batteryLevel":1503,"is Paired":false,"syncID":-1,"bootNumber":173,"lifetimeJumps":4542,"lifetimeAge":18 8678,"uniqueID":844383776,"advertisingRate":13.0791388,"isHighPower":false}

friendlyName String

User friendly name given to the sensor and displayed throughout

Veriflite

firmwareVersion String

Firmware version running on the sensor

batteryLevel Integer

Battery voltage in mV

isPaired Boolean

Whether the sensor is paired (and clock synced) with another sensor.

Useful for synchro calculations.

syncID Integer

Given to a sensor for synchro pairing. Sensors will attempt to pair

with others on the same sync ID.

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events sent by the sensor in its lifetime.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in

seconds.

uniqueID Integer

A unique ID number for a given sensor.

advertisingRate Number

Rate at which packets from the sensor are received by the appindicates the strength of the signal from the sensor to app.

isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

Additional properties are allowed.

Additional properties are allowed.

sensorDetailData ^

**Object** uid: sensorDetailData

Expand all Examples values:

{"friendlyName":"Trampoline 1","firmwareVersion":"1.13.3","batteryLevel":1503,"isPair ed":false,"syncID":-1,"bootNumber":173,"lifetimeJumps":4542,"lifetimeAge":188678,"un iqueID":844383776,"advertisingRate":13.0791388,"isHighPower":false}

friendlyName String

User friendly name given to the sensor and displayed throughout Veriflite

firmwareVersion String

Firmware version running on the sensor

batteryLevel Integer

Battery voltage in mV

isPaired Boolean

Whether the sensor is paired (and clock synced) with another sensor.

Useful for synchro calculations.

syncID Integer

Given to a sensor for synchro pairing. Sensors will attempt to pair with

others on the same sync ID.

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events sent by the sensor in its lifetime.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in seconds.

uniqueID Integer

A unique ID number for a given sensor.

advertisingRate Number

Rate at which packets from the sensor are received by the app - indicates

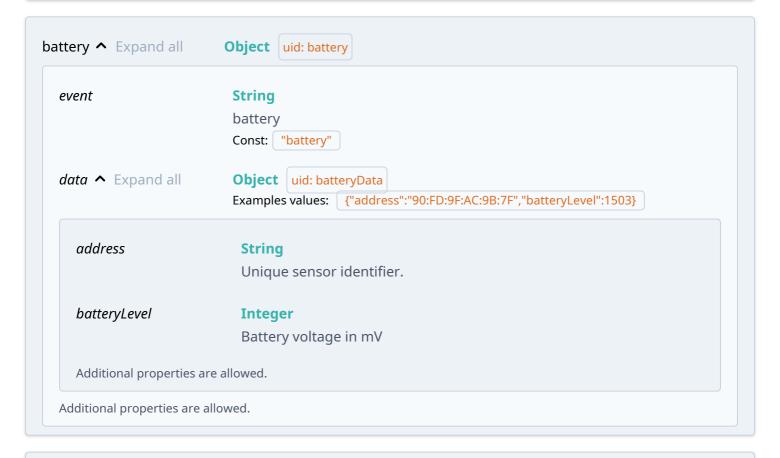
the strength of the signal from the sensor to app.

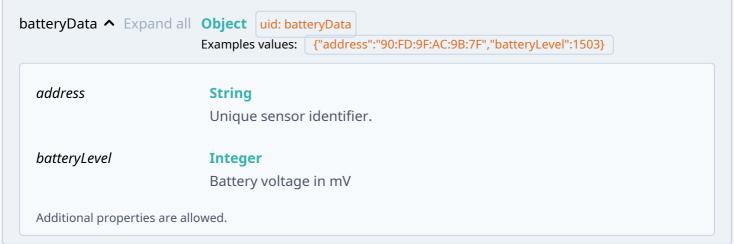
isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

Additional properties are allowed.





status-flags A Expand all Object uid: status-flags

event String

status-flags

Const: "status-flags"

data ^ Expand all

**Object** uid: statusFlagData

Examples values:

{"address":"90:FD:9F:AC:9B:7F","uniqueID":844383776,"firmwareVersion":"1.13. 3","isHighPower":false,"bootNumber":134,"lifetimeJumps":4542,"lifetimeAge":1886 78}

address String

Unique sensor identifier.

uniqueID Integer

A unique ID number for a given sensor.

firmwareVersion String

Firmware version running on the sensor.

isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events ever detected by the sensor.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in

seconds.

Additional properties are allowed.

Additional properties are allowed.

statusFlagData ^

**Object** uid: statusFlagData

Expand all

Examples values:

{"address":"90:FD:9F:AC:9B:7F","uniqueID":844383776,"firmwareVersion":"1.13.3","isHighPower":false,"bootNumber":134,"lifetimeJumps":4542,"lifetimeAge":188678}

address String

Unique sensor identifier.

uniqueID Integer

A unique ID number for a given sensor.

firmwareVersion String

Firmware version running on the sensor.

isHighPower Boolean

Whether the sensor is in high power mode (sending out packets at a

higher rate).

bootNumber Integer

Number of times the sensor has been booted up in its lifetime.

lifetimeJumps Integer

Total number of bounce events ever detected by the sensor.

lifetimeAge Integer

Total time the sensor has been active in its lifetime, measured in seconds.

Additional properties are allowed.

display-name A Expand all Object uid: display-name

event String

display-name

Const: "display-name"

Examples values: {"address":"90:FD:9F:AC:9B:7F","friendlyName":"Trampoline 1"}

address String

Unique sensor identifier.

friendlyName String

User friendly name given to the sensor and displayed throughout

Veriflite.

Additional properties are allowed.

Additional properties are allowed.

Examples values: {"address":"90:FD:9F:AC:9B:7F","friendlyName":"Trampoline 1"}

address String

Unique sensor identifier.

friendlyName String

User friendly name given to the sensor and displayed throughout

Veriflite.

