

Webfleet Plugins

1.76.0

Reference Guide

Contents

Welcome.....	3
Terminology.....	4
Plugin.....	5
Additional feature.....	6
Feature activation or booking.....	7
For customers.....	8
For integrators and system partners.....	9
Capabilities of Webfleet Plugins.....	10
About Webfleet Plugins.....	11
External data.....	12
Lifecycle of external data.....	12
External events.....	13
WEBFLEET.connect functions.....	14
insertExternalEvent.....	15
JSON data.....	15
JSON schema.....	17
Limitations.....	19
Internationalisation.....	20
Repeated events.....	21
setExternalObjectData.....	22
JSON data.....	22
JSON schema.....	26
Limitations.....	30
Internationalisation.....	31
List of available Icons for plugin card content.....	32
Response codes.....	34
Revision history.....	35

Welcome

Welcome to the Webfleet Plugins Reference Guide.

This document provides information about the Webfleet Plugins concept and how to use the according Application Programming Interfaces (APIs).

Important: In parallel to this documentation, please refer to the WEBFLEET.connect API documentation, for example for more details on existing actions referred to in this documentation, authentication and general parameters, etc.

Terminology

Plugin

In the context of Webfleet a plugin is a feature that allows third party integrators to display data in a dedicated card in the compact view of a vehicle.

Additional feature

An additional feature is a specific feature that can be booked in addition to the Webfleet service. There are additional features that are free of charge while there are additional features for which an extra fee is charged. Additional features can be booked by customers by contacting Sales Support.

Feature activation or booking

For customers

Webfleet Plugins are not generally available for all Webfleet units. If you are Webfleet customer, you need to acquire an [additional feature](#) in addition to your Webfleet contract for the units which shall be enabled for Webfleet Plugins.

Fill out the **Purchase of additional features** form and send the signed form to the Webfleet Sales Support to acquire the Webfleet Plugins feature or contact your Webfleet Reseller.

For integrators and system partners

If you are a Webfleet Partner, please register your Webfleet Plugins solution at Webfleet. Your Webfleet Plugins are identified by their own API key.

To use the Webfleet Plugins functionality you need the corresponding access rights. Please ask your customer to grant you access by providing a WEBFLEET.connect user with the according rights. The right to create a plugin is determined by the vehicle access rights. Full or Edit access right is required.

Capabilities of Webfleet Plugins

About Webfleet Plugins

With Webfleet Plugins integrators can do following:

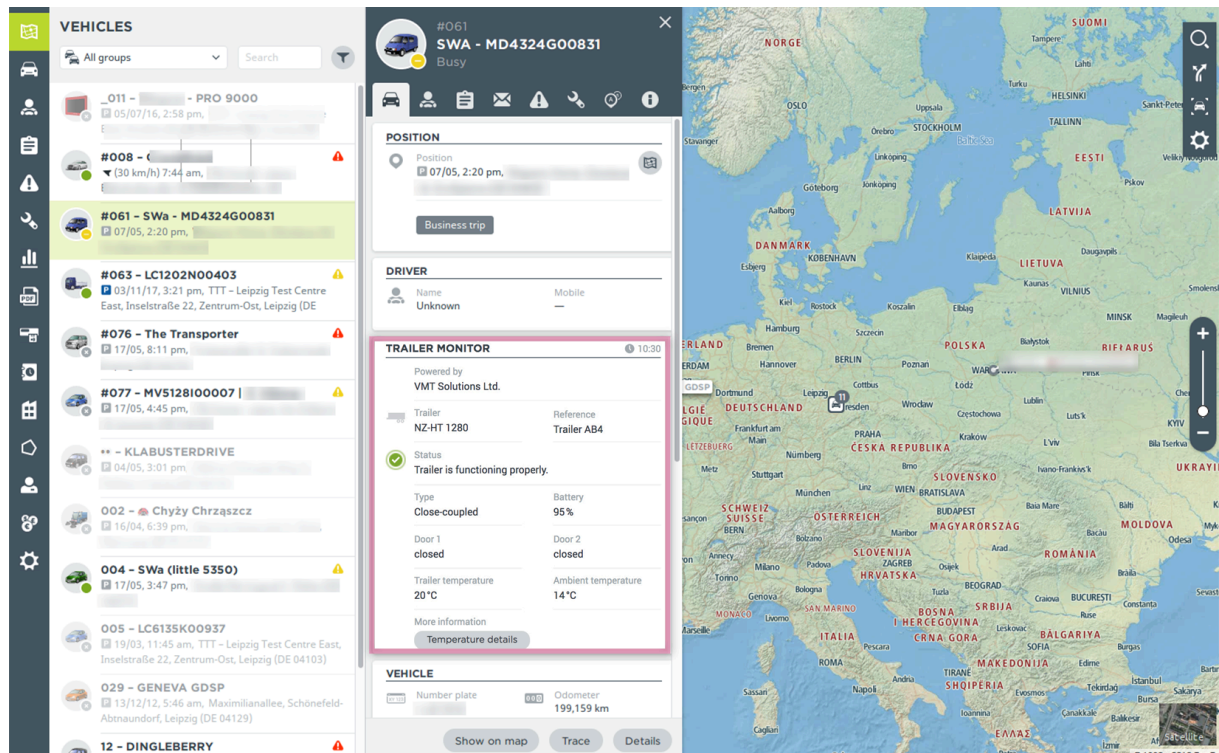
- [Show 3rd party data](#) in the compact view of a vehicle
- [Create custom events for a vehicle](#) which will appear as notifications in Webfleet

The Webfleet Plugins supplier is responsible for the content.

External data and external events may be sent to all vehicles installed with Webfleet devices which have the Webfleet Plugins additional feature booked. You can check if the Webfleet Plugins feature was booked for a specific vehicle by using the action `getObject-Features` and specifying the value `plugins` for the parameter `feature`.

External data

External data is shown Webfleet user interface in the details panel of a vehicle in a dedicated card for the relevant plugin. The layout of this card is defined by Webfleet.



Lifecycle of external data

Once external data was set for an object, this data stays valid for 24 hours. If this data is not updated for more than 24 hours, the plugin card is not shown in the Webfleet user interface anymore. Update the data with a frequency less than 24 hours to keep a plugin card visible for an object.

IMPORTANT! Please set the update rate for a plugin to less than 24 hours or the plugin card will disappear from the application.

During this period you can make more updates. The retention time of 24 hours is reset with every update.

Webfleet Plugins are updated once per minute in the user interface. Therefore, setting an update frequency for `setExternalObjectData` higher than 60 seconds does not have an effect on the data shown in Webfleet.

External events

External events are processed and handled by Webfleet the same way as normal events.

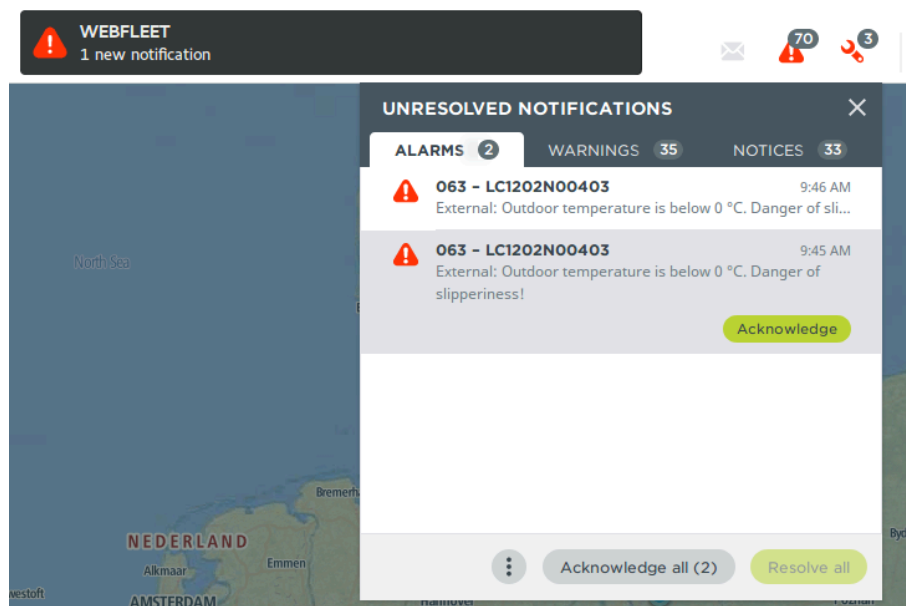
This includes the following:

- Webfleet notifications – show external events as notifications in Webfleet.
- Reporting – show external events in reports.

Note: You can also retrieve external events using the WEBFLEET.connect action `showEventReportExtern`.

- Reverse geocoding – creates a position description from the event position.
- Address matching – uses the position description of a user-defined address if the event position matches this address.
- Repeated signalling – counts recurrent events with the same repetition identifier.
- Categorising – set an event level to each external event in order to categorise it in Webfleet.
- Event workflow – external events can be acknowledged and resolved by the Webfleet user.
- Event forwarding – set up forwarding rules to forward events to arbitrary email recipients.

For example, external events are shown as notifications in Webfleet:



WEBFLEET.connect

functions

insertExternalEvent

Description

`insertExternalEvent` can be used to create custom events. These events are handled by Webfleet just like ordinary events, such as area-related events.

This action supports HTTP POST, because the JSON content might exceed a length limit. We strongly advice to use POST even if you think that your data would not reach the limit. Intermediate systems like proxies or firewalls might have their specific restrictions.

Parameters

The following common parameters are required:

- Authentication parameters
- General parameters

Action specific parameters are:

Parameter	Type	Description
objectno	String	Identifying number of an object. Unique within an account, case-sensitive. Can be used alternatively to <code>objectuid</code> . Either <code>objectno</code> or <code>objectuid</code> must be set.
objectuid	String	A unique, unchangeable identifier for the indicated object, automatically generated. Can be used alternatively to <code>objectno</code> . Either <code>objectno</code> or <code>objectuid</code> must be set.
data	String	JSON containing the payload. The content is validated against the JSON schema documented in this API reference.

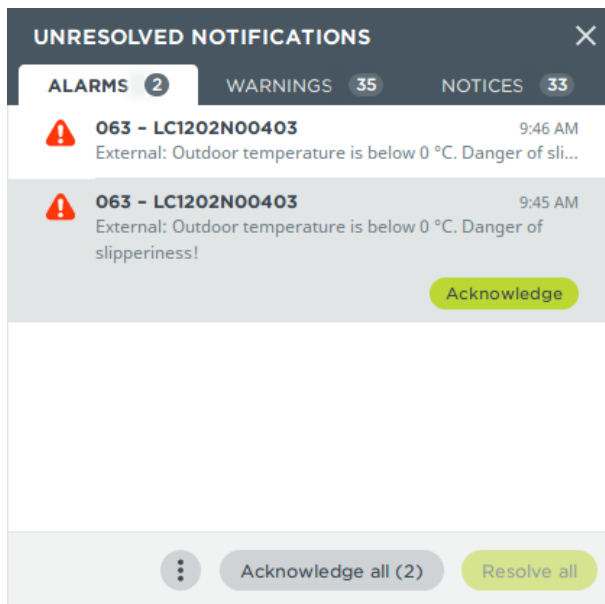
JSON data

An external event can be configured with the following data:

- level
- position
- text (with multiple translations)
- repetition identifier

The data is defined by a JSON object which is described here.

JSON data for `insertExternalEvent` is rendered in Webfleet as the following example.



The time shown in the Webfleet event bar is the time when the event was sent to Webfleet.

```
{
  "version": "1.0.0",
  "defaultLocale": "en-GB",
  "text": {
    "en-GB": "Outdoor temperature is below 0 °C. Danger of slipperiness!",
    "de-DE": "Die Außentemperatur ist unter 0 °C. Glättegefahr!"
  },
  "geoPos": {
    "latitude": 51341224,
    "longitude": 12391074
  },
  "eventLevel": 3,
  "repetitionId": "rep12345Id"
}
```

Data element	Description	Required/Optional
version	JSON schema version. Currently only 1.0.0 is allowed.	Required
defaultLocale	The default locale. This locale is used when the event data does not provide a translation for the language chosen by the user in the Webfleet UI.	Required
text	The event text, provided in multiple languages.	Required
geoPos	The position where the event occurred. If absent, the event has no position. If the vehicle has the setting Suppress display of current position in private mode and the current trip is classified as non-business trip, the position is not recorded by Webfleet in any case.	Optional
eventLevel	1 = Notice, 2 = Warning, 3..5 = Alarm (level 1..3)	Required

Data element	Description	Required/Optional
repetitionId	Custom identifier indicating that this event may occur repeatedly (repeated external event). If set, the external event will be treated as a repeated event, so no new event will be created on repeated calls, but the event count will increase.	Optional

JSON schema

Below you can find the formal JSON schema which is used to validate the JSON data by WEBFLEET.connect. Any content which does not pass validation will be refused.

Tip! For testing purposes, you can validate your content with the schema as well as get a quick preview of how the data would be rendered in the Webfleet user interface by using the Webfleet Plugins Developer Tool provided on the Developer Resources page on the Webfleet website.

```
{
  "$id": "http://www.webfleet.com/schemas/wfexternalevent-1.0.0",
  "$schema": "http://json-schema.org/draft-06/schema#",
  "title": "WEBFLEET External Event Object",
  "description": "An object representing an external object event to be transferred to and processed by WEBFLEET",
  "type": "object",
  "additionalProperties": false,
  "required": [
    "version",
    "defaultLocale",
    "text",
    "eventLevel"
  ],
  "properties": {
    "version": {
      "$ref": "#/definitions/Version"
    },
    "defaultLocale": {
      "$ref": "#/definitions/DefaultLocales",
      "description": "Designates the translation to be used if the UI is configured to a locale which is not considered in the event text."
    },
    "text": {
      "$ref": "#/definitions/TranslatedText",
      "description": "Event text."
    },
    "geoPos": {
      "$ref": "#/definitions/GeoPos",
      "description": "Position with latitude and longitude where the event occurred. Coordinates must be in WGS84 - micro-degrees"
    },
    "eventLevel": {
      "type": "integer",
      "minimum": 1,
      "maximum": 5,
      "description": "1 = Notice, 2 = Warning, 3..5 = Alarm (level 1..3)"
    },
    "repetitionId": {
      "type": "string",

```

```

    "minLength": 1,
    "maxLength": 10,
    "description": "A user-defined identification for the event. Events
with the same ID will be candidates for 'repeated events'."
  }
},
"definitions": {
  "TranslatedText": {
    "type": "object",
    "minProperties": 1,
    "allOf": [
      {
        "$ref": "#/definitions/Locales"
      }
    ],
    "patternProperties": {
      ".*": {
        "maxLength": 100
      }
    },
    "additionalProperties": false
  },
  "Locales": {
    "title": "Available locales for translations.",
    "type": "object",
    "minProperties": 1,
    "properties": {
      "cs-CZ": {
        "type": "string"
      },
      "da-DK": {
        "type": "string"
      },
      "de-DE": {
        "type": "string"
      },
      "en-GB": {
        "type": "string"
      },
      "en-US": {
        "type": "string"
      },
      "es-ES": {
        "type": "string"
      },
      "fr-FR": {
        "type": "string"
      },
      "it-IT": {
        "type": "string"
      },
      "nl-NL": {
        "type": "string"
      },
      "pl-PL": {
        "type": "string"
      },
      "pt-PT": {
        "type": "string"
      }
    },

```

```

        "sv-SE": {
            "type": "string"
        }
    },
    "additionalProperties": false
},
"DefaultLocales": {
    "title": "Available default locales.",
    "type": "string",
    "enum": [
        "cs-CZ",
        "da-DK",
        "de-DE",
        "en-GB",
        "en-US",
        "es-ES",
        "fr-FR",
        "it-IT",
        "nl-NL",
        "pl-PL",
        "pt-PT",
        "sv-SE"
    ]
},
"Version": {
    "type": "string",
    "enum": [
        "1.0.0"
    ]
},
"GeoPos": {
    "type": "object",
    "required": [
        "latitude",
        "longitude"
    ],
    "properties": {
        "latitude": {
            "type": "integer",
            "minimum": -90000000,
            "maximum": 90000000,
            "description": "Position latitude where the event occurred."
        },
        "longitude": {
            "type": "integer",
            "minimum": -180000000,
            "maximum": 180000000,
            "description": "Position longitude where the event occurred."
        }
    }
}
}
}
}

```

Limitations

The JSON schema defines restrictions on the number and length of several elements. The following table gives an overview of all restrictions.

Element	Limit
Event text length	100 characters (UTF-8)
The total size of all event texts	3800 bytes
	Note: The limit of 3800 bytes is not a constraint of the JSON schema but a technical constraint that will also be validated by WEBFLEET.connect.
Repetition ID length	10

Note: Because one UTF-8 character can occupy up to 4 bytes it is possible that you will exceed the overall limit of 3800 bytes for all event texts, even if the limit of 100 characters for each event text was never reached. Therefore, please always ensure that the total size of all text events does not exceed 3800 bytes.

Internationalisation

The event text can be provided in multiple locales. All supported locales are listed in the [JSON schema](#). The Webfleet user interface automatically chooses the text depending on the current language setting of the Webfleet user. If no value is available for a certain language, Webfleet will default to the language defined by the `defaultLocale` element in the [JSON data](#).

Important! Webfleet is not responsible for the content which is displayed in an external event. So it is up to the third-party integrator to supply high-quality translations for all languages they want to support. If international usage is intended, we suggest to have at least a suitable English translation available and define this as the `defaultLocale`.

Example

```
{
  "version": "1.0.0",
  "defaultLocale": "de-DE",
  "text": {
    "en-GB": "Outdoor temperature is below 0 °C. Danger of slipperiness!",
    "de-DE": "Die Außentemperatur ist unter 0 °C. Glättegefahr!",
    "pl-PL": "Temperatura zewnętrzna jest niższa niż 0 °C. Niebezpieczeństwo poślizgu!"
  },
  "geoPos": {
    "latitude": 51341224,
    "longitude": 12391074
  },
  "eventLevel": 3
}
```

Referring to above example for an external event and `defaultLocale` set to `de-DE` users with different language settings in Webfleet will see the following texts:

UI language setting	Show string
English (UK)	Outdoor temperature is below 0 °C. Danger of slipperiness!

UI language setting Show string

German	Die Außentemperatur ist unter 0 °C. Glättegefahr!
Polish	Temperatura zewnętrzna jest niższa niż 0 °C. Niebezpieczeństwo poślizgu!
Any other language	Die Außentemperatur ist unter 0 °C. Glättegefahr!

Repeated events

Repeated events are events of the same type which occur in a relatively short period for the same vehicle. For these events, only the first occurrence will create a user-visible notification. Follow-up events of the same type will increase a counter at the notification instead.

A repeated event is shown as in the following example:

WARNING



Event

Driver card DE 1000000000000800 not assigned to a driver. (4x)

The look-back period for detecting events of the same type is 24 hours by default. If you want to make use of repeated events, you need to assign an ID to your custom events by using the property `repetitionId`. All events with the same ID will be accumulated if they occur during the look-back period. After such notification having been resolved by the Webfleet user, a subsequent external event with the same repetition ID will create a new notification with a fresh counter of 1.

setExternalObjectData

Description

WEBFLEET.connect offers the action `setExternalObjectData` to specify the content to be shown in the Webfleet user interface.

This action supports HTTP POST, because the JSON content might exceed a length limit. We strongly advice to use POST even if you think that your data would not reach the limit. Intermediate systems like proxies or firewalls might have their specific restrictions.

Parameters

The following common parameters are required:

- Authentication parameters
- General parameters

Action specific parameters are:

Parameter	Type	Description
objectno	String	Identifying number of an object. Unique within an account, case-sensitive. Can be used alternatively to <code>objectuid</code> . Either <code>objectno</code> or <code>objectuid</code> must be set.
objectuid	String	A unique, unchangeable identifier for the indicated object, automatically generated. Can be used alternatively to <code>objectno</code> . Either <code>objectno</code> or <code>objectuid</code> must be set.
data	String	JSON containing the payload. The content is validated against the JSON schema documented in this API reference.

JSON data

JSON data for `setExternalObjectData` is rendered in The following common parameters are required: as the following example.

TRAILER MONITOR

🕒 10:30

Powered by
VMT Solutions Ltd.



Trailer
NZ-HT 1280

Reference
Trailer AB4



Status
Trailer is functioning properly.

Type
Close-coupled

Battery
95%

Door 1
closed

Door 2
closed

Trailer temperature
20°C

Ambient temperature
14°C

More information

Temperature details

```
{
  "version": "1.0.0",
  "defaultLocale": "en-GB",
  "title": {
    "en-GB": "Trailer monitor"
  },
  "externalLinks": {
    "name": {
      "en-GB": "More information"
    },
    "value": [
      {
        "href": {
          "en-GB": "https://ftg.dangerousgoods.com/assets/vehicle/OP73D4/monitor?pps=34&nat=D"
        },
        "title": {
          "en-GB": "Temperature details"
        }
      }
    ]
  },
  "data": [
    {
      "name": {
        "en-GB": "Powered by"
      },
      "value": {
        "en-GB": "VMT Solutions Ltd."
      }
    },
    {
      "name": {
        "en-GB": "Trailer"
      }
    }
  ]
}
```

```

    },
    "value": {
      "en-GB": "NZ-HT 1280"
    },
    "icon": 34
  },
  {
    "name": {
      "en-GB": "Last update"
    },
    "value": {
      "en-GB": "10:30"
    }
  }
],
[
  {
    "name": {
      "en-GB": "Status"
    },
    "value": {
      "en-GB": "Trailer is functioning properly"
    },
    "icon": 2
  }
]The total size of all translation strings exceeds the limit.
[
  {
    "name": {
      "en-GB": "Type"
    },
    "value": {
      "en-GB": "Close-coupled"
    }
  },
  {
    "name": {
      "en-GB": "Battey"
    },
    "value": {
      "en-GB": "95 %"
    }
  }
],
[
  {
    "name": {
      "en-GB": "Door 1"
    },
    "value": {
      "en-GB": "closed"
    }
  },
  {
    "name": {
      "en-GB": "Door 2"
    },
    "value": {
      "en-GB": "closed"
    }
  }
]

```

```

    }
  ],
  [
    {
      "name": {
        "en-GB": "Trailer temperature"
      },
      "value": {
        "en-GB": "20 °C"
      }
    },
    {
      "name": {
        "en-GB": "Ambient temperature"
      },
      "value": {
        "en-GB": "14 °C"
      }
    }
  ]
]
}

```

Line(s)	Explanation
2	The version of the JSON schema. Currently only 1.0.0 is allowed.
3	The default locale. This locale is used if the plugin data does not provide a translation for the language chosen by the user in the Webfleet user interface.
4-6	The title which will be displayed in the plugin card element in the Webfleet UI. Can be specified in multiple languages.
7-21	Links to external web pages. Links are shown as buttons at the bottom of the plugin card. Up to three links are allowed.
8	The common section header for all links. Can be specified in multiple languages.
11-20	An array with up to three elements. Each element defines a link. In this example there is only one link.
14	The URL of the link. For every language a different link can be specified. Each URL will be validated and must be URI-encoded.
16	Object with title of the link (button text). Can be specified in multiple languages.
22-117	Array with data to be displayed in the plugin card. Each element defines the content of a single line in the plugin card. Each element consists of an array. So we have an array of arrays here. The inner arrays can have one or two elements. These elements are the columns in the plugin card.
23-32	A line with one column. Therefore, the line spans over the complete width of the plugin card.

Line(s)	Explanation
25	The name (label) of the displayed value. Can be specified in multiple languages.
28	The value itself. Can be specified in multiple languages.
33-51	A line with two columns.
41	Specifies the number of a predefined icon. There are 44 icons available.

JSON schema

Below you can find the formal JSON schema which is used to validate the JSON data by WEBFLEET.connect. Any content which does not pass validation will be refused.

Tip! For testing purposes, you can validate your content with the schema as well as get a quick preview of how the data would be rendered in the Webfleet user interface by using the Webfleet Plugins Developer Tool provided on the Developer Resources page on the Webfleet website.

```
{
  "$id": "http://www.webfleet.com/schemas/wfexternaldata-1.0.0",
  "$schema": "http://json-schema.org/draft-06/schema#",
  "title": "WEBFLEET External Data Object",
  "description": "An object representing external data to be transferred to
and processed by WEBFLEET",
  "type": "object",
  "additionalProperties": false,
  "required": [
    "version",
    "title",
    "defaultLocale"
  ],
  "properties": {
    "version": {
      "$ref": "#/definitions/Version"
    },
    "title": {
      "$ref": "#/definitions/TranslatedTitle"
    },
    "data": {
      "type": "array",
      "items": {
        "$ref": "#/definitions/DataGroup"
      },
      "minItems": 1,
      "maxItems": 10
    },
    "externalLinks": {
      "$ref": "#/definitions/HyperlinkGroup"
    },
    "defaultLocale": {
      "$ref": "#/definitions/DefaultLocales"
    }
  },
  "definitions": {
```

```

"HyperlinkGroup": {
  "type": "object",
  "required": [
    "name",
    "value"
  ],
  "properties": {
    "name": {
      "$ref": "#/definitions/TranslatedName"
    },
    "value": {
      "type": "array",
      "minItems": 1,
      "maxItems": 3,
      "items": {
        "$ref": "#/definitions/Hyperlink"
      }
    }
  }
},
"Hyperlink": {
  "type": "object",
  "required": [
    "href",
    "title"
  ],
  "properties": {
    "href": {
      "$ref": "#/definitions/TranslatedHyperlinkHref"
    },
    "title": {
      "$ref": "#/definitions/TranslatedHyperlinkTitle"
    },
    "description": {
      "$ref": "#/definitions/TranslatedHyperlinkDescription"
    }
  },
  "additionalProperties": false
},
"DataGroup": {
  "type": "array",
  "minItems": 1,
  "maxItems": 2,
  "items": {
    "$ref": "#/definitions/DataGroupItem"
  }
},
"DataGroupItem": {
  "type": "object",
  "required": [
    "name"
  ],
  "properties": {
    "name": {
      "$ref": "#/definitions/TranslatedName"
    },
    "value": {
      "$ref": "#/definitions/TranslatedValue"
    },
    "icon": {

```

```

        "$ref": "#/definitions/Icon"
    }
}
},
"TranslatedTitle": {
    "type": "object",
    "allOf": [
        {
            "$ref": "#/definitions/Locales"
        }
    ],
    "minProperties": 1,
    "patternProperties": {
        ".*": {
            "maxLength": 20
        }
    }
},
"TranslatedHyperlinkHref": {
    "type": "object",
    "title": "The URL of the hyperlink",
    "minProperties": 1,
    "allOf": [
        {
            "$ref": "#/definitions/Locales"
        }
    ],
    "patternProperties": {
        ".*": {
            "maxLength": 2000,
            "type": "string",
            "format": "uri"
        }
    }
},
"TranslatedHyperlinkTitle": {
    "type": "object",
    "title": "The title of the hyperlink",
    "description": "In an UI the title represents the visible text of the
hyperlink element (e.g. text of a link or button).",
    "minProperties": 1,
    "allOf": [
        {
            "$ref": "#/definitions/Locales"
        }
    ],
    "patternProperties": {
        ".*": {
            "maxLength": 25
        }
    }
},
"TranslatedHyperlinkDescription": {
    "type": "object",
    "title": "Extra information about the hyperlink.",
    "description": "In an UI the extra information will be shown as a
tooltip when hovering over the hyperlink element.",
    "minProperties": 1,
    "allOf": [
        {

```

```

        "$ref": "#/definitions/Locales"
    }
],
"patternProperties": {
    ".*": {
        "maxLength": 100
    }
},
"additionalProperties": false
},
"TranslatedName": {
    "type": "object",
    "minProperties": 1,
    "allOf": [
        {
            "$ref": "#/definitions/Locales"
        }
    ],
    "patternProperties": {
        ".*": {
            "maxLength": 50
        }
    }
},
"TranslatedValue": {
    "type": "object",
    "minProperties": 1,
    "allOf": [
        {
            "$ref": "#/definitions/Locales"
        }
    ],
    "patternProperties": {
        ".*": {
            "maxLength": 50
        }
    }
},
"additionalProperties": false
},
"Locales": {
    "title": "Available locales for translations.",
    "type": "object",
    "minProperties": 1,
    "properties": {
        "cs-CZ": {
            "type": "string"
        },
        "da-DK": {
            "type": "string"
        },
        "de-DE": {
            "type": "string"
        },
        "en-GB": {
            "type": "string"
        },
        "en-US": {
            "type": "string"
        },
        "es-ES": {

```

```

        "type": "string"
    },
    "fr-FR": {
        "type": "string"
    },
    "it-IT": {
        "type": "string"
    },
    "nl-NL": {
        "type": "string"
    },
    "pl-PL": {
        "type": "string"
    },
    "pt-PT": {
        "type": "string"
    },
    "sv-SE": {
        "type": "string"
    }
},
"additionalProperties": false
},
"DefaultLocales": {
    "title": "Available default locales.",
    "type": "string",
    "enum": [
        "cs-CZ",
        "da-DK",
        "de-DE",
        "en-GB",
        "en-US",
        "es-ES",
        "fr-FR",
        "it-IT",
        "nl-NL",
        "pl-PL",
        "pt-PT",
        "sv-SE"
    ]
},
"Version": {
    "type": "string",
    "enum": [
        "1.0.0"
    ]
},
"Icon": {
    "type": "number",
    "minimum": 1,
    "maximum": 44
}
}
}

```

Limitations

The JSON schema defines restrictions on the number and length of several elements. The following table gives an overview of all restrictions.

Element	Limit	Mandatory
Number of lines	10	-
Columns per line	2	-
Plugin title length	20 characters	yes
Data element name length	50 characters	yes
Data element value	50 characters	-
Title of hyperlink group	50 characters	-
Number of hyperlinks	3	-
URL length	2000 characters	yes
Text on Hyperlink button	25 characters	yes
Tooltip descriptions for hyperlink	100 characters	-

Internationalisation

All content which is visible to the user can be supplied in multiple locales. All supported locales are listed in the [JSON schema](#). The Webfleet user interface automatically chooses the text depending on the current language setting of the Webfleet user. If no value is available for a certain language, Webfleet will default to the language defined by the `defaultLocale` element in the [JSON data](#).

Important! Webfleet is not responsible for the content which is displayed in an external event. So it is up to the third-party integrator to supply high-quality translations for all languages they want to support. If international usage is intended, we suggest to have at least a suitable English translation available and define this as the `defaultLocale`.

Example

Given the following data snippet and `defaultLocale` set to `en-GB`:

```
"defaultLocale": "en-GB",
...
"name": {
  "en-GB": "Overall status",
  "de-DE": "Gesamtstatus",
  "pl-PL": "Status ogólny"
},
```

users with different language settings in WEBFLEET will see following texts:

UI language setting	Show string
English (UK)	Overall status
German	Gesamtstatus
Polish	Status ogólny
Any other language	Overall status

Given the following data:

```
"defaultLocale": "de-DE",
...
"name": {
  "de-DE": "Gesamtstatus",
  "en-US": "Overall status",
  "pl-PL": "Status ogólny"
},
```

users would see:

UI language setting	Show string
English (US)	Overall status
German	Gesamtstatus
Polish	Status ogólny
Any other language	Gesamtstatus

List of available Icons for plugin card content

Each name-value pair can be represented by an icon in the Webfleet user interface. Icons are referenced by their number:

 1 Status 1	 6 Tire	 31 Address	 36 Person
 2 Status 2	 7 Temperature	 32 Truck	 37 Location
 3 Status 3	 8 Ignition	 33 Car	 38 Order
 4 Status 4	 9 Maintenance	 34 Trailer	 39 Message
 5 Status 5	 10 Oil	 35 Steering wheel	 40 Info

 11 Tacho	 16 Engine	 41 Bluetooth
 12 OBD	 17 Fuel	 42 Barcode
 13 Battery	 18 PTO	 43 QR code
 14 Jerrycan	 19 Height	 44 Camera
 15 Odometer	 20 Width	
 21 Weight	 26 Identification	
 22 Dimensions	 27 Liquid	
 23 Lock	 28 Plug	
 24 Connection	 29 Speeding	
 25 Gear shift	 30 Brake	

Response codes

Response code	Message	Description
32000	Feature plugins not booked for this vehicle.	
32001	Invalid JSON data.	
32002	No plugin registered for the API key.	
32003	Invalid schema version number in JSON data.	
32004	Invalid external URL in JSON element href.	
32005	Missing parameter data. It must contain a JSON string.	
32007	The total size of all translation strings exceeds the limit.	

Revision history

Webfleet Plugins

Webfleet, Webfleet Plugins

© 2026 Bridgestone Mobility Solutions B.V. All rights reserved. Webfleet is a registered trademark of Bridgestone Mobility Solutions B.V. or one of its Affiliates.

No part may be reproduced except as authorised by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

Revision history

Revision	Date	Description	Author
1.0.0	2018-06-18	Initial release	RH
1.38.1	2018-08-24	Introduced action insertExternalEvent . Minor edits to the user documentation.	RH
1.38.2	2019-12-10	Minor edits reflecting the migration from TomTom Telematics to Webfleet.	RH
1.62.0	2023-06-13	It's now possible to have multiple plugins per object. Adapted documentation accordingly.	HR
1.76.0	2026-10-08	Fixed wrong limits for setExternalObjectData	HR