Halo Connect API Documentation v0.6

Revised: April 16, 2021

Method	API	Params	Headers	Request Example	Response Example	Description
| GET | /api/partner/v1/issues | **vehicleId** - vehicle id is Integer;<br><br>**accountId** - fleet id is Integer;<br><br>**gatewayId** - gateway id is Integer;<br><br>**vehicleGroupId** - vehicle group id is Integer;<br><br>**severity** - issue severity level are "MINOR", "MAJOR", "CRITICAL";<br><br>**status** - issue status are "RESOLVED", "UNRESOLVED"<br><br>**type** - issue type are "OVERINFLATION", "UNDERINFLATION", LEAK", "BLOWOUT", "MAINTENANCE", "UNDERINFLATION_AND_LEAK";<br><br>**pressure** - pressure by sensor at the moment when the issue happened, Integer<br><br>**page** - page number; Integer<br><br>**size** - page size, default value is 20; Integer<br><br>**vin** - vehicle VIN | Authorization: Basic Base64_encoeded_string - Basic token is obtained by encoding to Base64 string of ***email:password***<br><br>If-Modified-Since: ISO_UTC_datetime<br><br>(eg. If-Modified-Since: 2020-04-28T12:16:12Z) - if header is present then show only new/updated issue after the date; if missing - show all issues | GET https://{host}/api/partner/v1/issues?severity=MAJOR<br><br>Authorization: Basic dGVzdC5lbWFpbEB0ZXN0LmVtYWlsOnRlc3RfcGFzc3dvcmQ= | ```
[
    {
        "id": 182448,
        "severity": "MAJOR",
        "type": "UNDERINFLATION",
        "status": "CLOSED",
        "vehicle": {
            "vin": "1JCCN88E6CT011874",
            "fleetVehicleId": "AGON0002",
            "url":
"https://dev.aperiatechnologies.com/vehicles/2412"
        },
        "sensor": {
            "tyrePosition": "L3IT",
            "updatedAt": "2019-11-
29T20:00:00Z"
        },
        "createdAt": "2019-07-12T21:00:00Z",
        "updatedAt": "2019-07-12T22:00:00Z",
        "description": "Major Underinflation
on the Unknown. To avoid an emergency roadside
call, resolve by soon",
        "actions": [
            "Add air to the tire immediately
to avoid damaging the tire casing.",
            "Driving on an underinflated tire
could lead to a blowout.",
            "Notify drivers to pay particular
attention to this tire."
        ]
``` | Get vehicles issues from Halo Connect portal |
| GET | /api/v1/health | | | GET https://{host}/api/v1/health | ```
{
    "status" : "UP"
}
``` | Check if API is up (simple health check) |

| GET | /api/partner/v1/vehicles | Parameters vin or fleetVehicleId, provide only one of the parameters | | GET https://{host}/api/partner/v1/vehicles?fleetVehicleId=42132 | [
    {
        "vin": "9ASDFGHJ9H123",
        "type": "TRACTOR_TANDEM_WIDE",
        "fleetVehicleId": "AGON0006",
        "latestGeoTag": {
            "latitude": 29.4939,
            "longitude": -98.3939,
            "altitude": 19.0,
            "createdAt": "2021-01-14T06:33:09Z"
        },
        "createdAt": "2020-07-23T01:01:00Z",
        "lastDataReceivedAt": "2021-01-28T16:40:00Z",
        "url": "https://dev.aperiatechnologies.com/vehicles/4682"
    }
]   "latestGeoTag": {
        "latitude": 37.6554,
        "longitude": -122.025,
        "altitude": -5.3,
        "createdAt": "2019-03-12T20:02:33Z"
    },
    "createdAt": "2018-01-01T00:00:00Z",
    "lastDataReceivedAt": "2019-03-12T20:02:33Z"
    }
] | Get vehicle location and last date/time data was received from vehicle. |
| GET | /api/partner/v1/hardwareissues | **vehicleId** - vehicle id is Integer;

accountId - fleet id is Integer;

vehicleGroupId - is Integer;

hardwareType - hardware types are "GATEWAY", "SENSOR", "GPS";

status - status are "OPEN", "CLOSED", "SUSPECTED", "ARCHIVED";

page - page number; Integer

size - page size, default value is 20; Integer
sort - sort are "asc", "desc" | | GET

https://{host}/api/partner/v1/hardwareissues?accountID=363 | {
    "content": [
        {
            "id": 39375,
            "createdAt": "2020-01-30T10:33:00Z",
            "resolvedAt": "2020-01-30T10:33:01Z",
            "hardwareType": "SENSOR",
            "vehicle": {
                "vin": "1BABDCKA15F2916891BABDCKA15F2916",
                "type": "TRACTOR_TANDEM_DUAL",
                "fleetVehicleId": "AGON0001!!!Agon~!@#$%^&*()TEST",
                "createdAt": "2019-07-11T14:00:00Z",
                "url": "https://dev.aperiatechnologies.com/vehicles/2411"
            },
            "sensor": {
                "tyrePosition": "R1IT"
            }
        }
    ] | Get hardware vehicles issues from Halo Connect portal |