

USER API DOCUMENTATION

Fundamental Guide to Starting the Integration of the
TrackGPS Application

API DOCUMENTATION TRACKGPS.ID

AUTHENTICATION API

Post Login

Login to the application system to get "user_api_hash". After getting a successful response, save the 'user_api_hash' and use it for other requests. This may change in the future if the user changes the password, when the system will return an error.

Command structure	
Method	POST
Endpoint	login
Body	Email – String – Required Password – String – Required
URL structure	https://trackgps.id/api/login

Sample response
<pre>{ "status": 1, "user_api_hash": "\$2y\$10\$5RACGMNX..." }</pre>

Command Structure

is API request uses the HTTP GET method with two required parameters. The parameters are separated using "&", while the parameter values are given after "=".

Parameter	Description
lang	The language used in the API response. Default: en (English).
user_api_hash	A unique authentication key obtained after login.

Contoh
https://trackgps.id/api/get_devices?lang=[lang]&user_api_hash=[user_api_hash]

API Devices

Get List Devices

Get all device data in the user account.

Command structure	
Method	GET
Endpoint	get_devices
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_devices?lang=[lang]&user_api_hash=[user_api_hash]

Get List Device Group

Get all device group list data from the system.

Command structure	
Method	GET
Endpoint	devices_groups
Query Parameters	lang – String – Required user_api_hash – String – Required filter – Array – Optional limit – Integer – Optional search_phrase – String – Optional sorting[sort] – String – Optional sorting[sort_by] – String – Optional
URL structure	https://trackgps.id/api/devices_groups?lang=[lang]&user_api_hash=[user_api_hash]

API Alerts

Get List Alerts

Get all alert data on the user account.

Command structure	
Method	GET
Endpoint	get_alerts
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_alerts?lang=[lang]&user_api_hash=[user_api_hash]

Get Custom Events By Device

Get custom event data from the device.

Command structure	
Method	GET
Command	get_custom_events_by_device
Endpoint	lang – String – Required user_api_hash – String – Required
Body	devices – Array
URL structure	https://trackgps.id/api/get_custom_events_by_device?lang=[lang]&user_api_hash=[user_api_hash]

Sample body	
<pre>{ "devices": [0 (id perangkat)] }</pre>	

Get Device Alerts

Get data alerts for specific devices.

Command structure	
Method	GET
Command	devices/{device_id}/alerts
Path Parameters	device_id – Integer – Required
Endpoint	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_custom_events_by_device?lang=[lang]&user_api_hash=[user_api_hash]

Get Alerts Summary

Get alert summary that includes data on the type and number of each type of alert recorded.

Command structure	
Method	GET
Endpoint	get_alerts_summary
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_alerts_summary?lang=[lang]&user_api_hash=[user_api_hash]

API Events

Get List Event

Get all event data that occurs on the device.

Command structure	
Method	GET
Endpoint	get_events
Query Parameters	lang – String – Required user_api_hash – String – Required date_from – String<date-time> – Required date_to – String<date-time> – Required device_id – Integer – Optional search – String – Optional type – String – Optional
URL structure	https://trackgps.id/api/get_events?lang=[lang]&user_api_hash=[user_api_hash]&date_from=[date_from]&date_to=[date_to]

API Driver

Get List Drivers

Get all driver data or drivers connected to the user account.

Command structure	
Method	GET
Endpoint	get_user_drivers
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_events?lang=[lang]&user_api_hash=[user_api_hash]

API History

Get List History

Get all the history data that happened on specific device.

Command structure	
Method	GET
Endpoint	get_history
Query Parameters	lang – String – Required user_api_hash – String – Required date_from – String<date> – Required date_to – String<date> – Required time_from – String<time> – Required time_to – String<time> – Required device_id – Integer – Required snap_to_road – Boolean – Optional (Menyesuaikan titik GPS ke titik terdekat pada jaringan jalan)
URL structure	https://trackgps.id/api/get_history?lang=[lang]&user_api_hash=[user_api_hash]&device_id=[device_id]&from_date=[from_date]&to_date=[to_date]&from_time=[from_time]&to_time=[to_time]&snap_to_road=[snap_to_road]

API Reports

Get List Report

Get all report data.

Command structure	
Method	GET
Endpoint	get_reports
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_reports?lang=[lang]&user_api_hash=[user_api_hash]

Get List Report Type

Get all report type data.

Command structure	
Method	GET
Endpoint	get_reports_types
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/get_reports_types?lang=[lang]&user_api_hash=[user_api_hash]

Post Generate Report

Generate report data into html, json, xls, xlsx, pdf, pdfand file formats.

Command structure	
Method	POST
Endpoint	generate_report
Query Parameters	lang – String – Required user_api_hash – String – Required
Body Parameters	title – String – Required type – Integer – Required format – String – Required devices – Array<Integer> – Required date_from – String<Date> – Required date_to – String<Date> – Required speed_limit – Number – Optional geofences – Array<Integer> – Optional daily – Integer – Optional weekly – Integer – Optional send_to_email – String – Optional from_time – String<Time> – Optional to_time – String<Time> – Optional show_addresses – Boolean – Optional zones_instead – Boolean – Optional stops – Integer – Optional
URL structure	https://trackgps.id/api/get_reports_types?lang=[lang]&user_api_hash=[user_api_hash]

Sample body
<pre>{ "title": "judul laporan",("type": 0, "format": "html/json/xls/xlsx/pdf/pdfland ", "speed_limit": 0, "devices": [0], "geofences": [0], "daily": 0, "weekly": 0, "send_to_email": "your email", "date_from": "2019-08-24", "date_to": "2019-08-24", "from_time": "14:15:22Z", "to_time": "14:15:22Z", "show_addresses": true, "zones_instead": true, "stops": 0 }</pre>

API Service

Get Services

Get all maintenance data on specific device.

Command structure	
Method	GET
Endpoint	get_services
Query Parameters	lang – String – Required user_api_hash – String – Required device_id – Integer – Required
URL structure	https://trackgps.id/api/get_services?lang=[lang]&user_api_hash=[user_api_hash]

API Sharing

Get Sharing List

Get all data sharing access to the application for a specific device.

Command structure	
Method	GET
Endpoint	sharing
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/sharing?lang=[lang]&user_api_hash=[user_api_hash]

Get Sharing Item

Get data sharing access to applications for specific devices based on sharing IDs.

Command structure	
Method	GET
Endpoint	sharing/{id}
Path Parameter	id – String – Required (id sharing)
Query Parameters	lang – String – Required user_api_hash – String – Required
URL structure	https://trackgps.id/api/sharing/{id}?lang=[lang]&user_api_hash=[user_api_hash]

This documentation will be continuously updated according to API developments and user needs.

More detailed information about the trackgps.id API documentation can contact the administrator.