

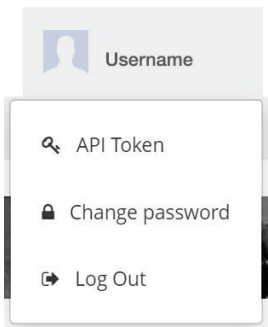
ESCO Track Pro telematics data API

Overview

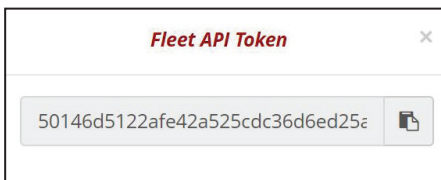
With the Track Pro telematics data API (Application Programming Interface), you can securely access critical machine data such as make, model, equipment ID and serial number, as well as the last known machine location. This information can be integrated into your Enterprise Resource Planning (ERP) Software or used in independent application development. ESCO is excited to introduce the features compatible [ISO 15143-3](#) standards (Earth-moving machinery and mobile road construction machinery = worksite data exchange).

Getting started

1) [Login](#) to Track Pro dashboard. If you do not have an Track Pro account, create one [here](#). Select your USERNAME to bring up a dropdown and select "API Token".



2) Get the token (as shown below) by clicking the clipboard icon.



API Overviews

API Endpoint 1: This returns a snapshot of an equipment owner's fleet.

Add the token obtained earlier to your HTTP request as an authorization header.

Request URL: <https://mobileappsgateway.escoiq.escocorp.com/track/api/fleet/all/{pagenumber}>

Note: {pagenumber} URL parameter starts with 0 and is mandatory

Request:

'method': 'GET',

'url': : <https://mobileappsgateway.escoiq.escocorp.com/track/api/fleet/all/0>,

'headers': {

'Authorization': 'Bearer 1b8c9cced4e186c05f268d5eaf896318c3f1a21b76c096d5dad9bf03f6715acfd2fd746855b764e-30d04e11b2cc2712cd575c8546477cdbef1adcb45705bc233'

}

Error:

{

"success": false,
"message": Error message

}

API Overviews cont.

API Endpoint 2: This returns a snapshot of a single asset passed as a URL parameter. Response includes information of asset and smart tag of requesting account (user)

Add the token obtained earlier to your HTTP request as an authorization header.

Request URL: `https://mobileappsgateway.escoiq.escocorp.com/track/api/fleet/equipment/{tag_id}`

Request:

'method': 'GET',

'url': `https://mobileappsgateway.escoiq.escocorp.com/track/api/fleet/equipment/170803004`,

'headers': {

Parameters

Variable	Type	Example	Description	Required
PageNumber	string	1	Navigation to a page.	Required

Response Details

Field	Type	Example	Description
EquipmentHeader	object	---	See sample response below
equipment_sno	string	RH123789	Asset serial number
tag_id	string	TRACK#170803003	TrackPro serial number
tag_type	string	BLE	Smart tag type
equipment_make	string	LINK-BELT	Asset make
equipment_model	string	130/135/145 X2/3-LX-SA	Asset model
unit_installation_date	datetime	2020-04-23T07:34:48z	Date and time of asset configuration
href	string	/trackstaging/api/fleet/equipment/170803003	Hyperlink to fetch single asset information
battery_level	string	44	Approximate remaining battery level (only for BLE tags)
Location	object	---	See below. The Location object includes: latitude, longitude, location address, and datetime
latitude	double	17.4747774	Latitude of the tag
longitude	double	78.3100694	Longitude of the tag
location_name	string	2141,NW 25th Ave,Northwest,Portland,OR,97210,United States	Address derived from reverse geocoding using Google Maps
date_time	datetime	2020-04-23T07:34:48z	Date and time of location
LocationHistory	object	---	Consists of collection of time series data of all the location payloads of an asset captured over time

[Sample Response API Endpoint 1 \(download\)](#)

[Sample Response API Endpoint 2 \(download\)](#)

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