

VersaFleet Analytics API Documentation V1.0

Authentication

API

API Routes	HTTP Verb	Description	Notes
/login	POST	Login the user	
/signup	POST	Register the user	
/logout	POST	Logout the user	
/reset-password	POST	Reset the user's password	
/deactivate	POST	Deactivate the user's account	

Dashboard Overview

API

API Routes	HTTP Verb	Description	Notes
/api/dashboard	GET	Get overall performance	Dedicated api. Get all graph's performance changes and their current record
/api/revenue-invoice	GET	Get overall revenue from invoices	Dedicated api. Connects to accounting webservice i.e. Xero to retrieve from their Invoices api's GET Total
/api/cost-maintenance	GET	Get overall cost of maintenance	Dedicated api. Connects to versaFleet webservice to GET Total Maintenance Cost
/api/cost-petrol	GET	Get overall estimate cost of petrol	Dedicated api. Connects to versaFleet webservice to GET Trip Details calculate $\text{dist travel} * \text{petrol efficiency of vehicle(km/litre)} * \text{petrol price}(\$/\text{litre})$
/api/cost-claims	GET	Get overall cost of expense claims	Dedicated api. Connects to accounting webservice i.e. Xero to retrieve from their ExpenseClaims api's GET AmountDue
/api/cost-total	GET	Get overall cost	Dedicated api. Calls the above 3 costs apis and sum them up
/api/dfr-customer	GET	Get customer's DFR	Dedicated api. Connects to versaFleet api to get Job Details checks if actual delivery time is before/on expected delivery time. Calculates percentages of jobs for customer that is on time.
/api/dfr-total	GET	Get overall dfr	Dedicated api. Calls the above api for all customers and find the mean
/api/favourite-graphs	GET	Get all user's favourited	Will gather the requested graphs in seperate apis and return "mini graphs"

API Routes	HTTP Verb	Description	Notes
/api/favourite-graphs	POST	graphs Add graph to user's favourite graphs	
/api/favourite-graphs	DELETE	Remove graph from user's favourite graphs	

Query Parameters Summary

Name	Value	Required	Summary
start-date	String	Optional	Start date for fetching Analytics data. will use last month if not in query.
end-date	String	Optional	End date for fetching Analytics data. will use current date if not in query.

Graphs

API

API Routes	HTTP Verb	Description	Notes
/api/graphs/net-revenues	GET	Get information about Net Revenue	What API can constitutes to revenue?
/api/graphs/net-revenues/:company_id	GET	Get information about Net Revenue of a Company	
/api/graphs/net-costs	GET	Get information about Net Costs of all Companies	What API can constitutes to costs?
/api/graphs/net-costs/:company_id	GET	Get information about Net Costs of a Company	
/api/graphs/delivery-fulfilment-rate-companies	GET	Get information about Delivery Fulfilment Rates of all Companies	Can delivery fulfilment rate be captured by all companies?
/api/graphs/delivery-fulfilment-rate-companies/:company_id	GET	Get information about Delivery Fulfilment Rates of a Company	
/api/graphs/delivery-fulfilment-rate-drivers	GET	Get information about Delivery Fulfilment Rates of all Drivers	Can delivery fulfilment rate be captured by all drivers?
/api/graphs/delivery-fulfilment-rate-drivers/:driver_id	GET	Get information about Delivery Fulfilment Rates of a Driver	

API Routes	HTTP Verb	Description	Notes
/api/graphs/order-lead-times	GET	Get information about Order Lead Times of all Drivers	Can order lead times be captured by all companies?
/api/graphs/order-lead-times/:driver_id	GET	Get information about Order Lead Times of a Driver	

Query Parameters Summary

Name	Value	Required	Summary
start-date	String	Optional	Start date for fetching Analytics data. will use last month if not in query.
end-date	String	Optional	End date for fetching Analytics data. will use current date if not in query.

Notifications

API

API Routes	HTTP Verb	Description	Notes
/api/notifications	GET	Get all notifications	
/api/notifications/new-notifications	GET	Get number of new notifications	Can the APIs interact with one another?

User

API

API Routes	HTTP Verb	Description	Notes
/api/send-feedback	PUT	Send a new feedback	
/api/settings	GET	Get the user's settings	