

PRO Tracking API Guide

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Considerations

HTTP verbs

The PRO Tracking API follows standard HTTP and REST conventions in its use of HTTP verbs. Only the **GET** is used for this service.

Verb	Usage
GET	Used to retrieve tracking information for a shipment by PRO

API Key

Requests to retrieve PRO Tracking information require authentication using an API key as a URI query parameter. See example request below.

PRO Tracking Syntax/Example

https://api.averittexpress.com/tracking/pros/0068113343?api_key=12345abc55d12345678d123d04a555c9

Syntax Element	Description
https://	The api requires the https protocol
api.averittexpress.com	This is the host for all of the Averitt Express rest based API's
/tracking/pros/	This is the path to the PRO Tracking API.
0068113343	This is an example of the PRO number being searched for. This is a required path parameter. Max/Min size is 10 characters.
api_key=	This is a required parameter. The api_key is specific to the user and is used for authentication.

Path Parameters

Table 1. */tracking/pros/{proNumber}*

Parameter	Description
proNumber	The PRO to get tracking information for.

Example HTTP & CURL Requests

```
GET /tracking/pros/0000000000?api_key=0000000000 HTTP/1.1
Accept: application/json
Host: api.averitexpress.com
```

```
$ curl 'https://api.averitexpress.com/tracking/pros/0000000000?api_key=0000000000' -i
-X GET \
-H 'Accept: application/json'
```

Response Body

```
{
  "status" : "Delivered",
  "proNumber" : "0000000000",
  "pickupInformation" : {
    "shipperName" : "Shipper Name",
    "dateTime" : "2019-02-22T18:39:00",
    "originPoint" : "MEMPHIS,TN"
  },
  "deliveryInformation" : {
    "consigneeName" : "Consignee Name",
    "dateTime" : "2019-02-25T11:25:00",
    "deliveryPoint" : "HOUSTON,TX",
    "serviceCenter" : "HOUSTON SERVICE CENTER",
    "deliveryName" : "Delivery Name"
  },
  "shipmentInformation" : {
    "pieces" : "1",
    "weight" : "64.0",
    "bolNumber" : "2NA6359565",
    "poNumbers" : [ "0000000", "0000000" ],
    "hazmat" : "No"
  },
  "billToInformation" : {
    "billTo" : "Bill To",
    "address1" : "1234 Example St",
    "address2" : "Apt. 123",
    "city" : "SAINT LOUIS",
    "state" : "MO",
    "zip" : "63178"
  },
  "commerceInformation" : {
    "terms" : "Terms",
    "grossCharges" : "00.00",
    "discount" : "00.00",
    "fuelSurcharge" : "00.00",
    "netCharges" : "00.00"
  },
  "shipmentHistory" : [ {
    "location" : "HOUSTON,TX",
    "dateTime" : "2019-02-25T11:25:00",
    "status" : "Delivered"
  } ]
}
```

Response Fields

Path	Type	Description
status	String	The status of the shipment.
proNumber	String	PRO - shipment identifier.
shipmentType	String	The type of shipment.
associatedPros	Array	A list of PROs associated with this shipment.
estimatedServiceTime	Object	Contains all the estimated service time information.
estimatedServiceTime.estDate	String	The estimated service date (ISO 8601).
estimatedServiceTime.estTime	String	The estimated service time.
estimatedServiceTime.message	String	A message describing any exceptions or delays.
pickupInformation	Object	Contains all the pickup information.
pickupInformation.shipperName	String	The shipper name.
pickupInformation.dateTime	String	The pickup date time (ISO 8601).
pickupInformation.originPoint	String	The origin point.
deliveryInformation	Object	Contains all the delivery information.
deliveryInformation.consigneeName	String	The name of the consignee.
deliveryInformation.dateTime	String	The delivery date time (ISO 8601).
deliveryInformation.deliveryPoint	String	The location of the delivery.
deliveryInformation.serviceCenter	String	The service center the delivery was made to.
deliveryInformation.deliveryName	String	The name of who made the delivery.
shipmentInformation	Object	Contains all the shipment information.
shipmentInformation.pieces	String	The number of pieces in the shipment.
shipmentInformation.weight	String	The total weight of the shipment.
shipmentInformation.bolNumber	String	The BOL number for the shipment.
shipmentInformation.poNumbers	Array	The PO numbers in this shipment.

Path	Type	Description
shipmentInformation.hazmat	String	Whether or not this shipment is hazardous.
appointmentInformation	Object	Contains all the appointment information.
appointmentInformation.deliveryDateTime	String	The appointment delivery date time (ISO 8601).
appointmentInformation.deliveryContact	String	The the contact for the appointment made.
appointmentInformation.pickupDateTime	String	The appointment pickup date time (ISO 8601).
billToInformation	Object	Contains all the Bill-to information.
billToInformation.billTo	String	The entity getting billed.
billToInformation.address1	String	The bill-to's address 1st line.
billToInformation.address2	String	The bill-to's address 2nd line.
billToInformation.city	String	The bill-to's city.
billToInformation.state	String	The bill-to's state.
billToInformation.zip	String	The bill-to's zip.
commerceInformation	Object	Contains all the commerce (payment) information.
commerceInformation.terms	String	The terms of the payment.
commerceInformation.grossCharges	String	The gross charge amount.
commerceInformation.discount	String	The discount given (if any).
commerceInformation.fuelSurcharge	String	The fuel surcharge amount.
commerceInformation.netCharges	String	The total net charges amount.
shipmentHistory	Array	Contains all the relays for the shipment.
shipmentHistory[].location	String	The relay location.
shipmentHistory[].dateTime	String	The date time the shipment hit this relay (ISO 8601).
shipmentHistory[].status	String	The status of the shipment when it hit this relay.

HTTP status codes

Status code	Usage
200 OK	The request completed successfully
422 Unprocessable Entity	The requested resource is invalid
404 Not Found	The requested resource did not exist

Errors

A **422 Unprocessable Entity** response will be returned when the PRO is too long or too short.

E.g.

```
$ curl 'https://api.averittexpress.com/tracking/pros/0000000000?api_key=0000000000' -i
-X GET \
  -H 'Accept: application/json'
```

```
HTTP/1.1 422 Unprocessable Entity
Content-Type: application/json;charset=UTF-8
Content-Length: 49
```

```
{
  "message" : "PRO 02707253331 is too long"
}
```

Path	Type	Description
<code>message</code>	<code>String</code>	A message describing what was wrong with the request.

A **404 Not Found** response will be returned when an order is not found for the given PRO ...

E.g.

```
$ curl 'https://api.averittexpress.com/tracking/pros/0000000000?api_key=0000000000' -i
-X GET \
  -H 'Accept: application/json'
```

```
HTTP/1.1 404 Not Found
Content-Type: application/json;charset=UTF-8
Content-Length: 46
```

```
{
  "message" : "The order was not found."
}
```