

POI BASED INFORMATION API V.1

API LINK-

http://gps.ancistrack.com/getancis.jsp?dname=<VehicleNo>&origin=<OriginPoiName>&destination=<DestinationPOIName>&username=<UserName>&password=<Password>&origin date=<DateOnly>

Steps to be performed before API Connection Request-

1. First Login to Ancistrack Account at www.ancistrack.com
2. Go to Device>POINT OF INTEREST
3. Add Some Points and Name them, POI name will be provided Instantly.(for e.g. if Your Vehicle is heading from TKD to Dadri then Point two separate POI, Where Origin POI is TKD and Destination is Dadri), Pointing in Map will create the points permanently you can use them as per your requirements in future.
4. Then Call this API.
 1. dname : Vehicle Number as in Ancistrack Server
 2. origin : Origin POI Name as in Ancistrack Server
 3. destination : Origin POI Name as in Ancistrack Server
 4. Username : UserName of Customer
 5. Password : Password of Customer
 6. date : Date in Format of **dd-mm-yyyy**

NOTE:- If you want to check Details of A Point to B Point and vice verse for same vehicle i.e if your vehicle is Going from TKD to Dadri on 2nd January 2016, and you need to know the return journey details too then process will be as follows :-

1. Call the API Periodically with dname = XXX, origin=TKD, destination=dadri, username=UserName, password=Password, date=02-01-2016
2. When your Vehicle Reached the Destination you will get ReachedTime and DistanceFromDestination = 0.
3. When your Vehicle Get out From Destination you will have DestinationOutTime with DistanceFromDestination > 0.
4. Save DestinationOutTime to a Temp Variable with format as dd-mm-yyyy as ReturnDate
5. At this point you have to use Same API with Change in Parameters as dname=XXX, origin=dadri, destination=TKD, username=UserName, password=Password, date=ReturnDate
6. You will get the desired Information.

CASE STUDY POI BASED INFORMATION API V.1

Case 1 : All Data Ok

```
<root>
  <VehicleName>HR-38-T-8454</VehicleName>
  <Latitude>28.533375</Latitude>
  <Longitude>77.533815</Longitude>
  <CurrentTime>2016-03-21 19:01:29</CurrentTime>
  <Status>Stopped</Status>
  <OriginPOI>1144</OriginPOI>
  <StartOriginTime>2016-03-12 15:01:52</StartOriginTime>
  <DistanceFromOrigin>160.16572910820625</DistanceFromOrigin>
  <DestinationPOI>11</DestinationPOI>
  <ReachedTime>2016-03-15 00:56:36</ReachedTime>
  <DestinationOutTime>2016-03-15 15:56:42</DestinationOutTime>
  <DistanceFromDestination>0.0</DistanceFromDestination>
  <CurrentLocationAddress>
    Dadri Inland Container Depot, Dadri Main Road, Tilapta Village,
    Greater Noida, Uttar Pradesh 201306*
  </CurrentLocationAddress>
  <TotalStoppageTime>946 Hrs 05 Mins</TotalStoppageTime>
  <TotalStoppage>3343</TotalStoppage>
</root>
```

Case 2 : Wrong Vehicle Number Parameter

```
<root>
  <error>Vehicle Not Found</error>
</root>
```

Case 3 : Wrong username, password

```
<root>
  <error>Unauthorized Access</error>
</root>
```

Case 4 : Wrong origin Parameter

```
<root>
  <error>Origin Not Found!</error>
</root>
```

Case 5 : Wrong destination Parameter

```
<root>
  <error>Destination Not Found!</error>
</root>
```