SicuroTrack Planned Trips

Version 1.0 29th August 2017

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Introduction

Monitoring of journeys and client trips can be a difficult task especially when dealing with multiple journeys. Creation of planned trips is a very useful feature of SicuroTrack which helps in organized monitoring of journeys requiring progress reports within a controlled period. Planned trips provides data for the progress of the journey, time delay between checkpoint arrivals, expected time arrivals, etc.

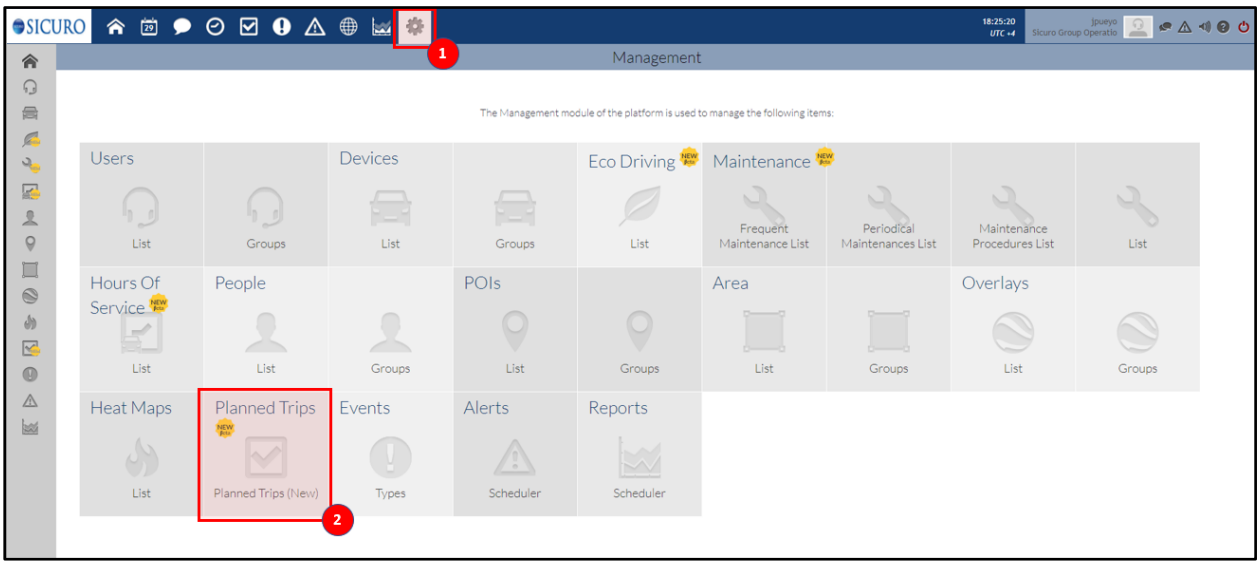
Application Note

This document provides instructions on how to create planned trips using sets of coordinates, address and points of interest. This also shows the details of how this planned trip can be monitored with generated events and reports.

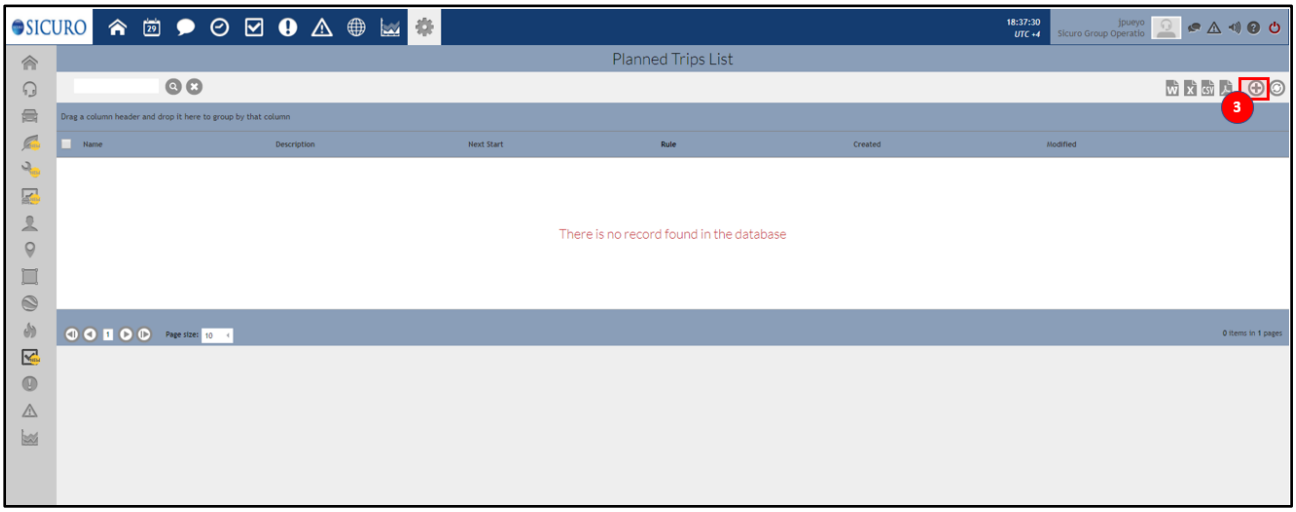
I. Planned Trip Creation Steps

Once you're logged in SicuroTrack, go to management tab under planned trips module.

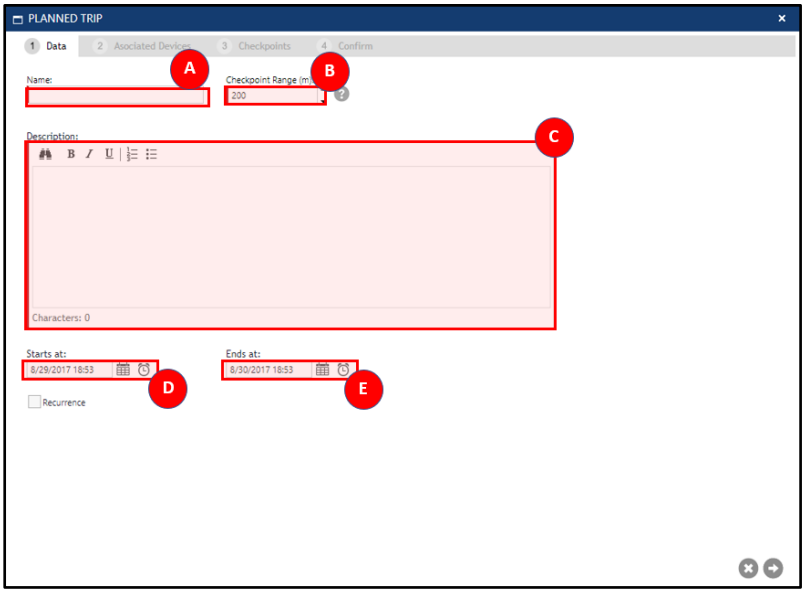
1. Go to Management Tab.
2. Go to Planned Trips.



3. Click to add a new planned trip.



4. Enter the required details.



A. **Name** – defines the name of the planned trip.

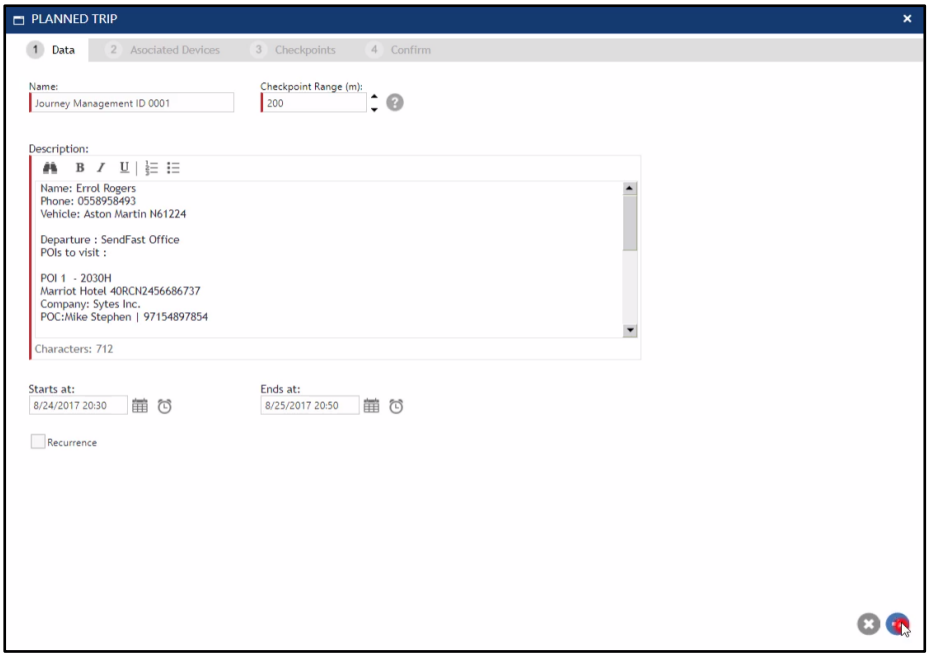
B. **Checkpoint range** – radius of the checkpoint. Entering this range will mark the checkpoint as visited.

C. **Description** – entails the necessary details for the planned trip/task.

D. **Start Time** – Scheduled start of the planned trip.

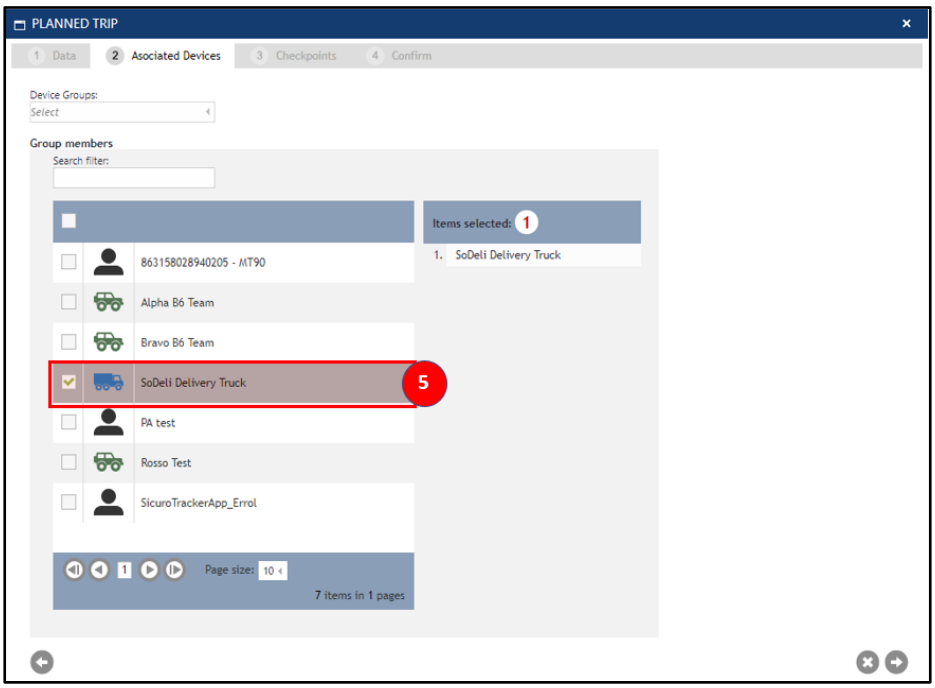
E. **End Time** – Scheduled end of the planned trip. Checkpoints visited after this time will not be marked as visited.

Sample accomplished data tab.



5. Select the device/unit.

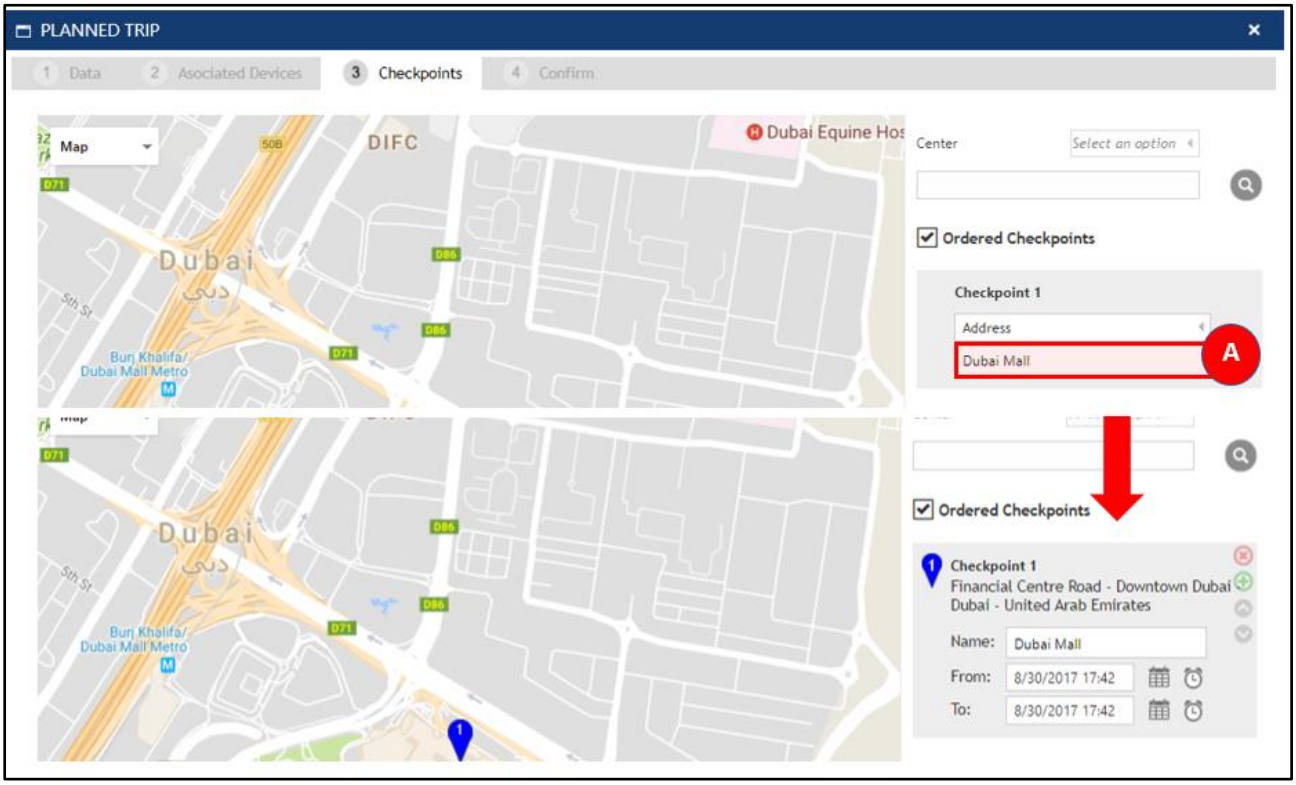
   **Note: You can create multiple planned trips for a single unit but it is not recommend to have overlapping periods.*

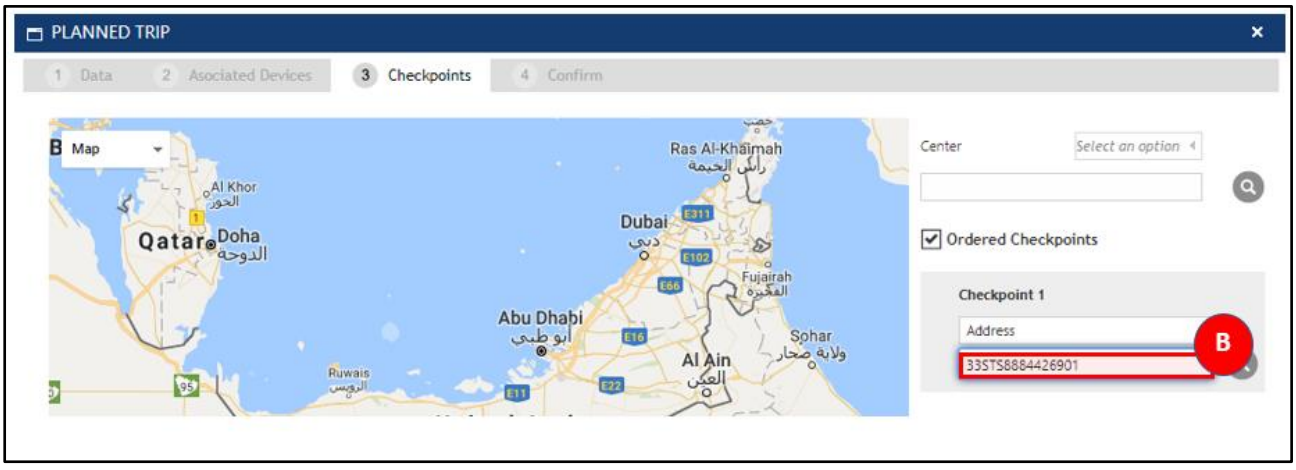


6. Select Checkpoints.
7. Enter the Address, Coordinates and Point of Interest.

   Checkpoint: **Address**

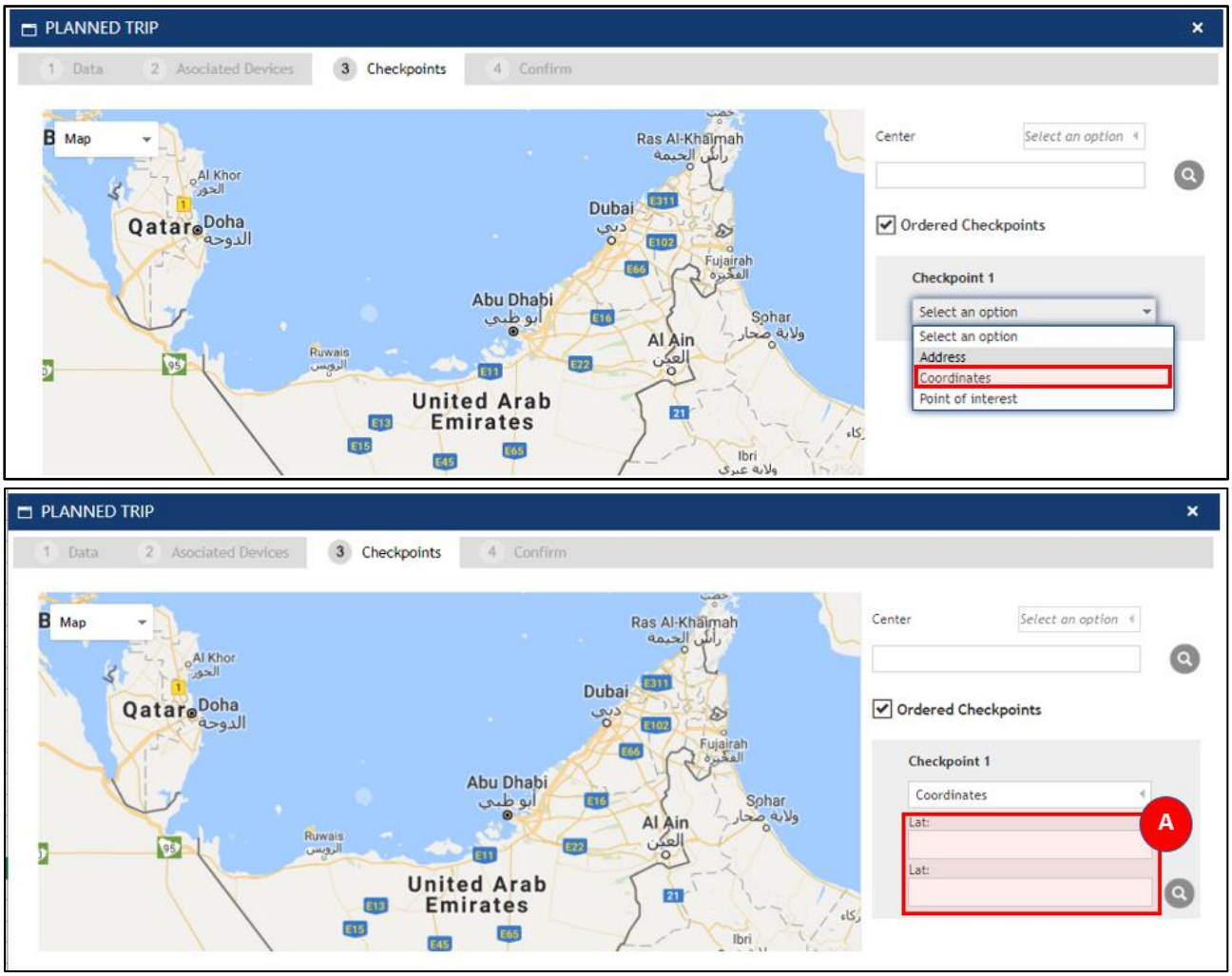
   A. Enter the address of a google known location
   B. Enter MGRS Coordinate of the location


PLANNED TRIP
1 Data
2 Asociated Devices
3 Checkpoints
4 Confirm
Map
DIFC
Dubai Equine Hos
Dubai
دبي
Burj Khalifa/ Dubai Mall Metro
Center
Select an option
Ordered Checkpoints
Checkpoint 1
Address
Dubai Mall
A
Checkpoint 1
Financial Centre Road - Downtown Dubai
Dubai - United Arab Emirates
Name: Dubai Mall
From: 8/30/2017 17:42
To: 8/30/2017 17:42


PLANNED TRIP
1 Data
2 Asociated Devices
3 Checkpoints
4 Confirm
Map
Ras Al-Khaimah
راس الخيمة
Al Khor
الخور
Qatar
Doha
الدوحة
Dubai
دبي
Fujairah
الفجيرة
Abu Dhabi
ابو ظبي
Sohar
ولاية صحار
Al Ain
العين
Ruwais
الرويس
Center
Select an option
Ordered Checkpoints
Checkpoint 1
Address
33STS8884426901
B

Checkpoint: **Coordinates**

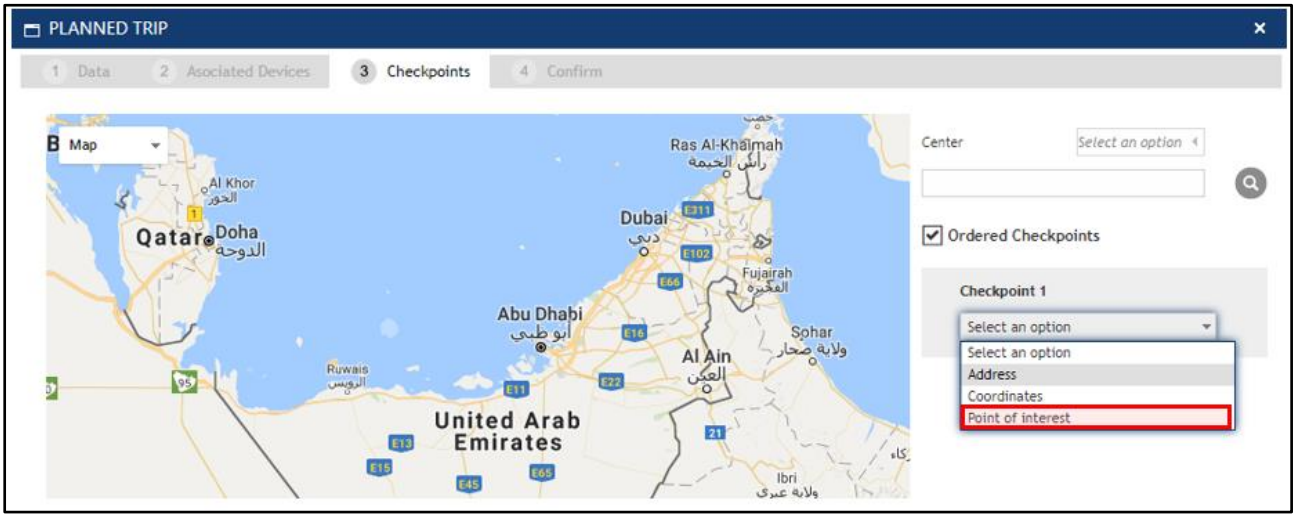
A. Enter the Latitude and Longitude coordinates of the location

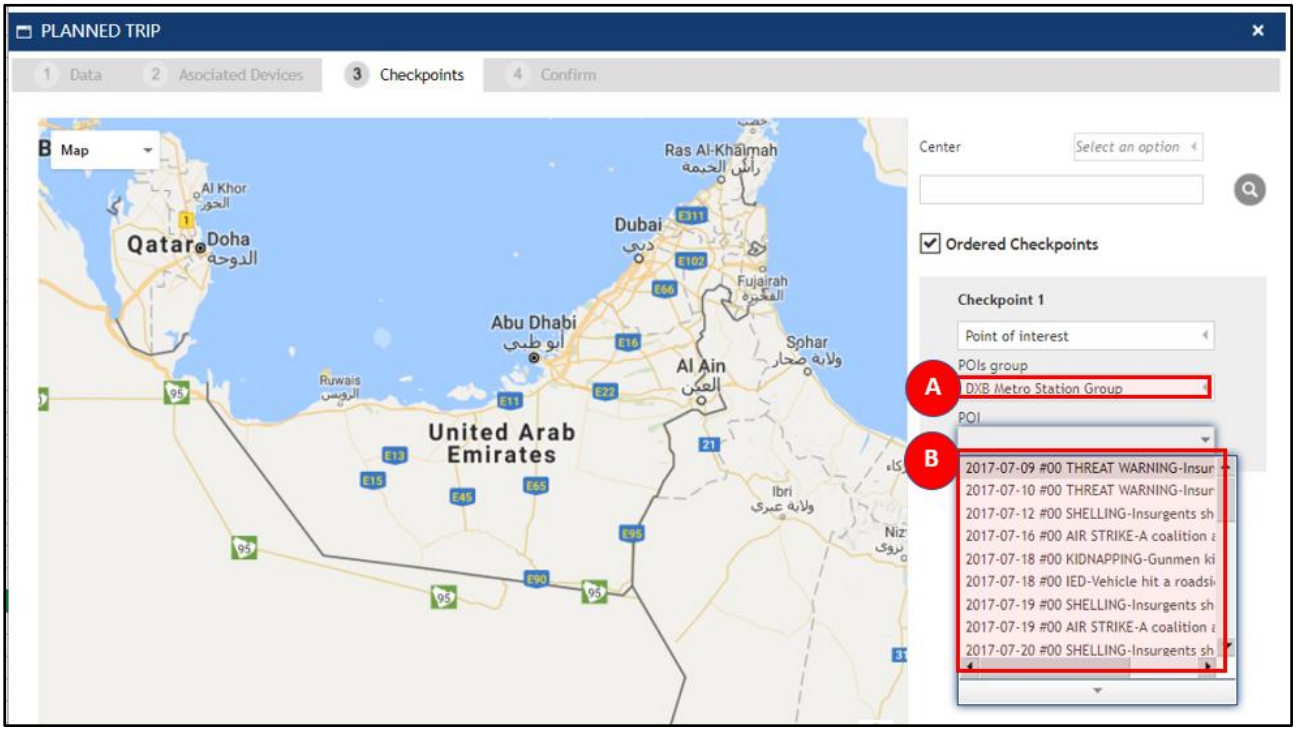


Checkpoint: **Point of Interest**

A. Select the POI Group. Select ***All*** if you don't have an existing POI Group.

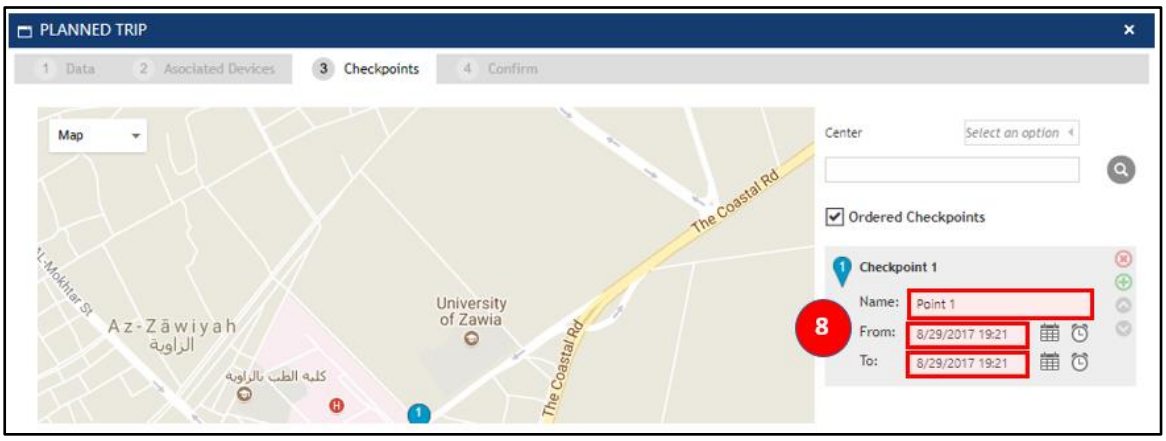
B. Select the POI.



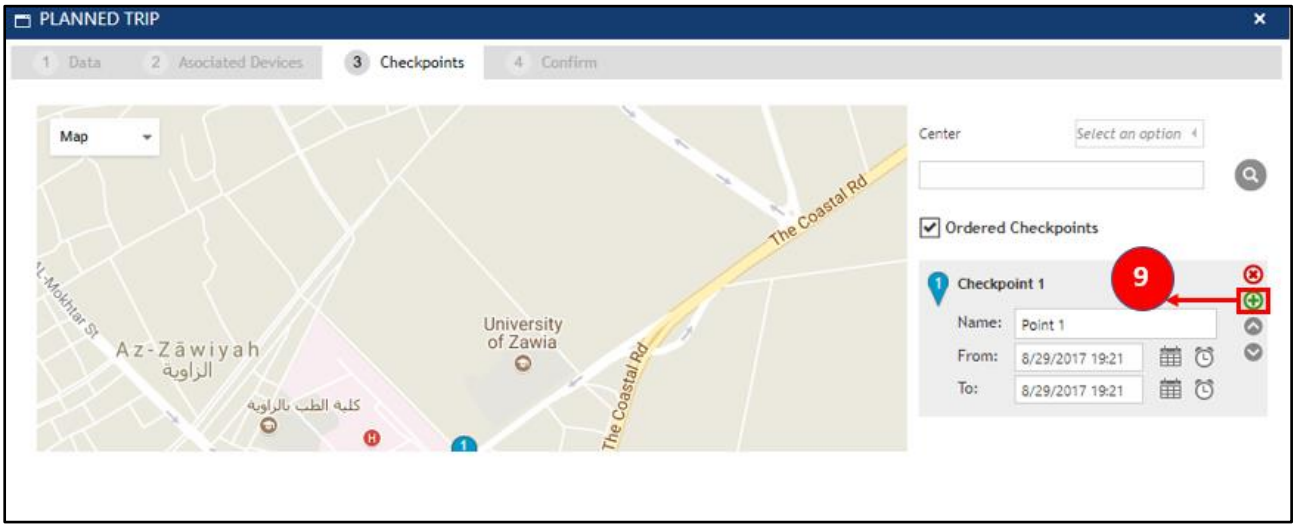


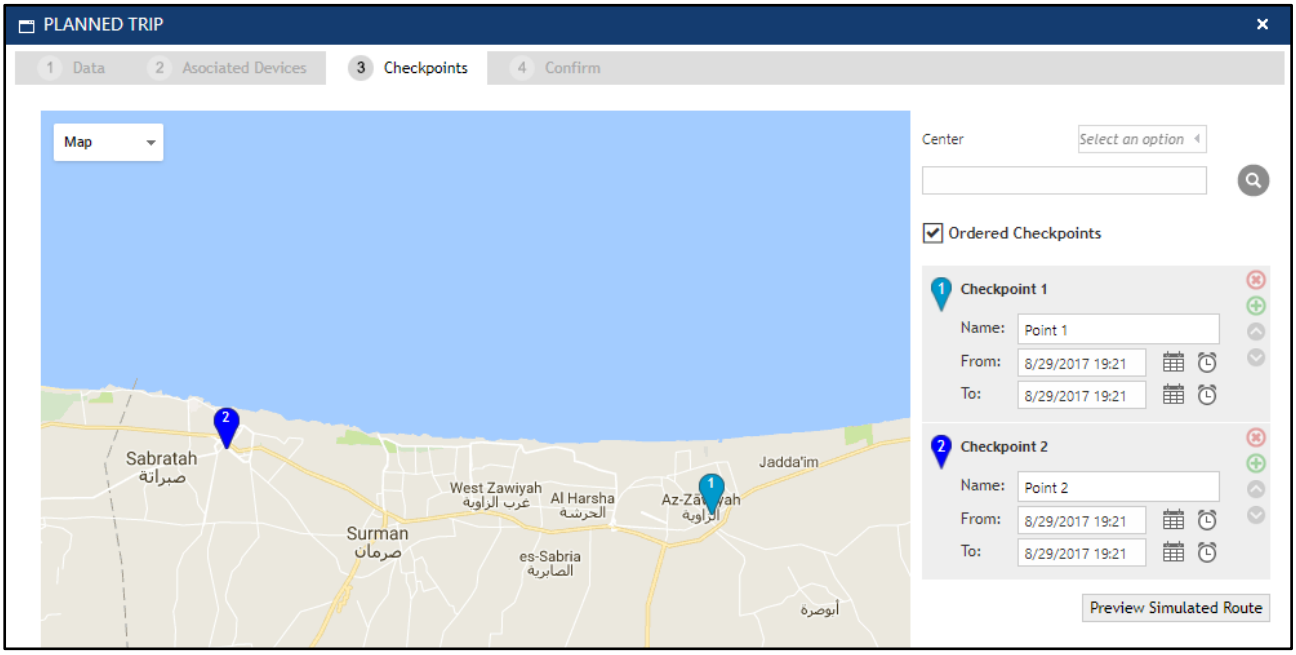
8. Enter the name of checkpoint, date and time allowance for the checkpoint.

**Note that the start time for Checkpoint 1 should be ahead from the start time you have set on the Data tab.*

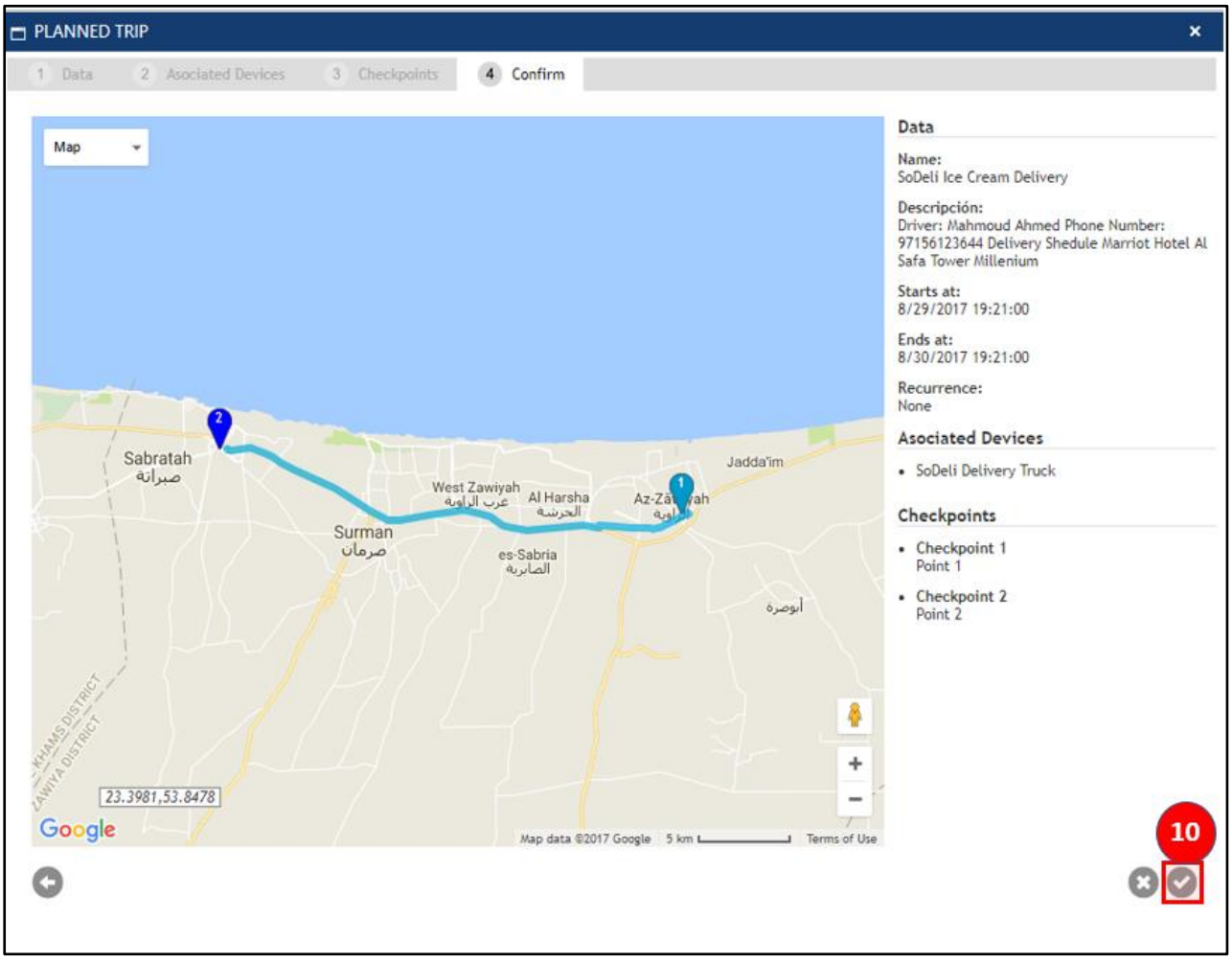


9. Click to add a checkpoint. Minimum of two checkpoint and maximum of 20 is allowed.

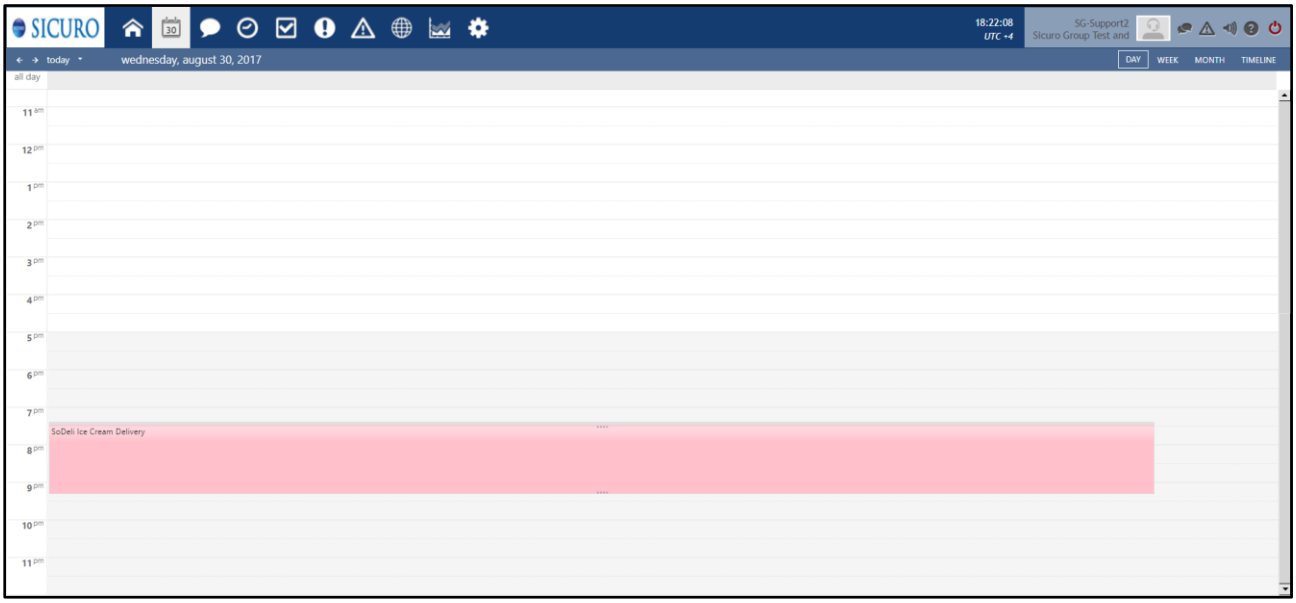




10. Review the information you have entered and click to complete your planned trip.

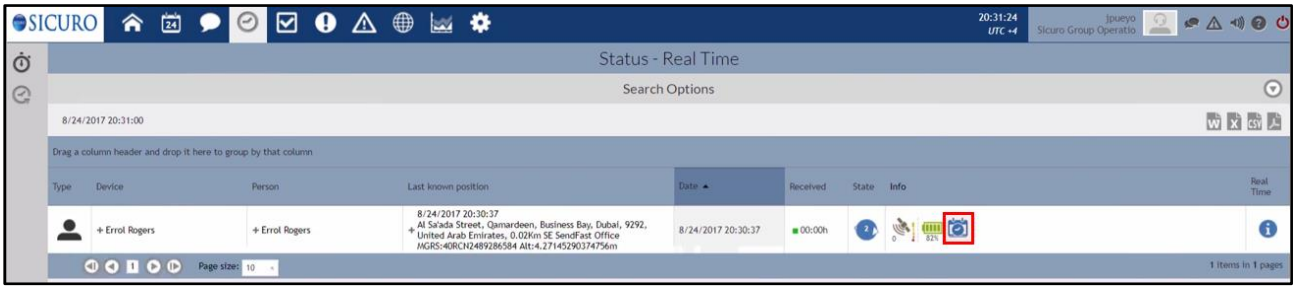


Once saved, the planned trips entry will be reflected in the scheduler page.

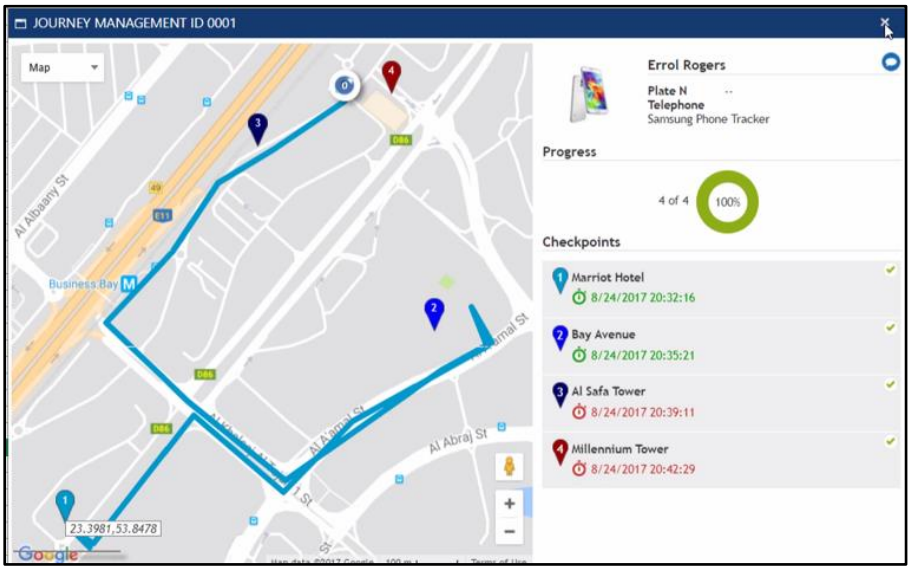


II. View the Progress Indicators

A. Status Page



Opens a new window that shows the details and progress of the planned trip.



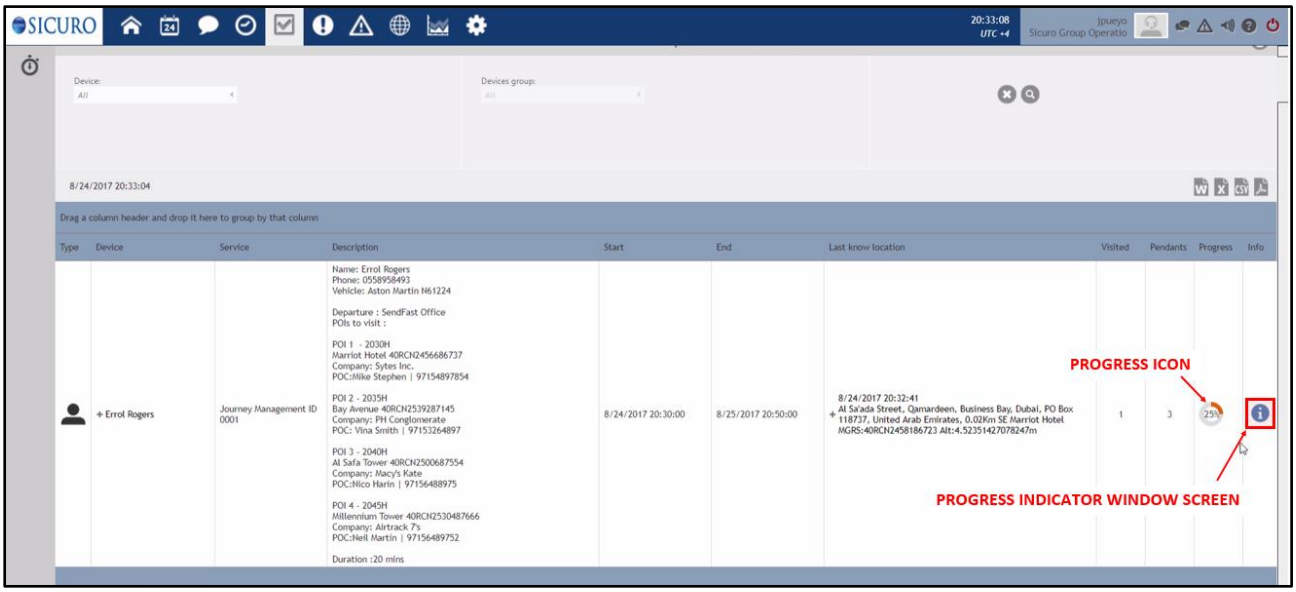
Date and Time highlighted in GREEN

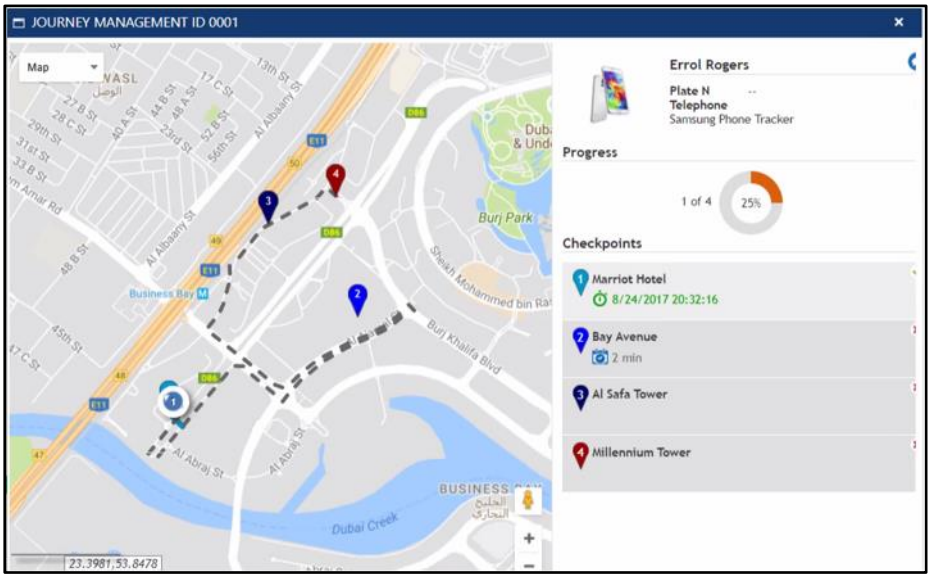
-The device arrived in the checkpoint within the allotted time allowance

Date and Time highlighted in RED

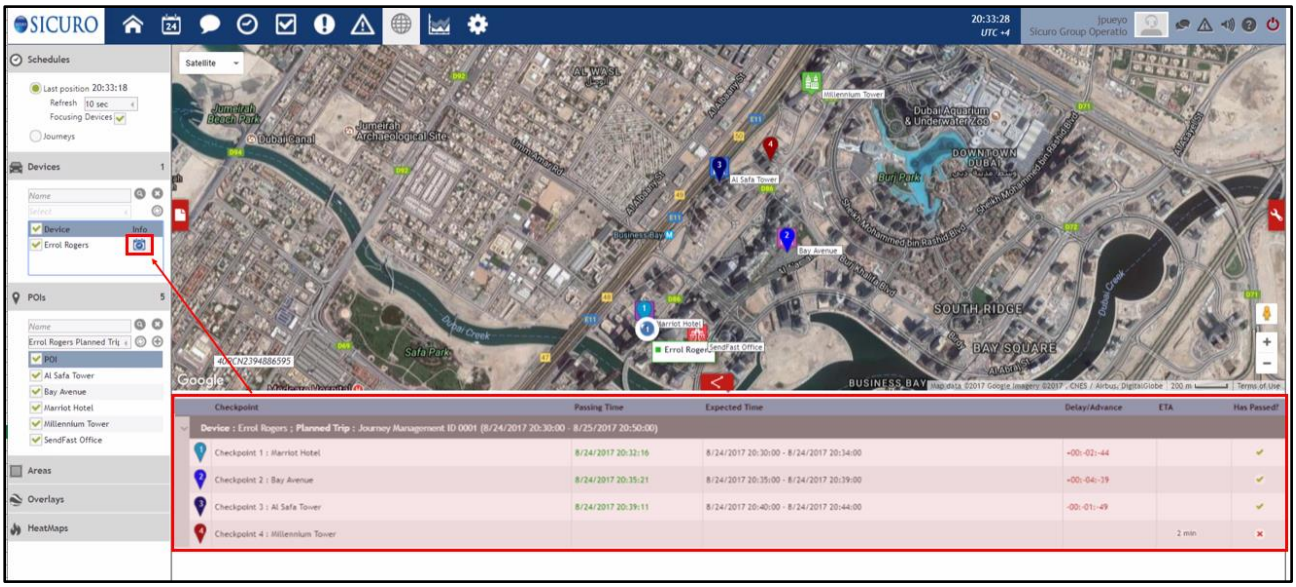
-The device arrived in the checkpoint beyond the allotted time allowance(either ahead or behind)

B. Planned Trips Page





C. Map Page



Checkpoint – List of the checkpoints and their order.

Passing Time – Date and time details that the device has visited the checkpoint.

Expected Time – Date and time details of the expected arrival of the device in the checkpoint.

Delay/Advance – Shows time difference of the passing time and expected time.

+ for Advanced arrival in checkpoint

- for Delayed arrival in checkpoint

ETA – Shows the expected time remaining for a device to arrive in the checkpoint.

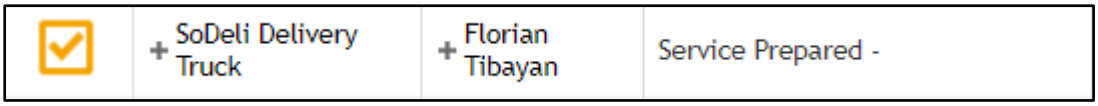
Has Passed? – If the unit has visited the checkpoint

– If the unit has not visited the checkpoint

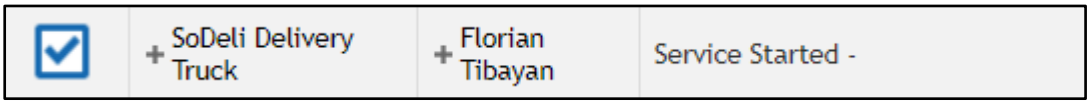
CLICKING THE DEVICE WILL SHOW YOU THIS
ERROL ROGERS
DETAILS OF PLANNED TRIP

D. Events

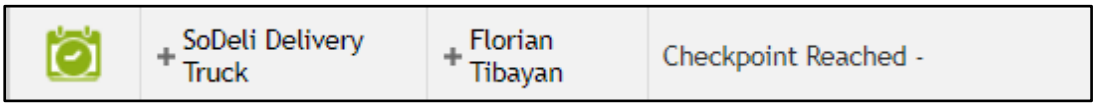
Service Prepared – Shown 5 minutes before the planned trips start.



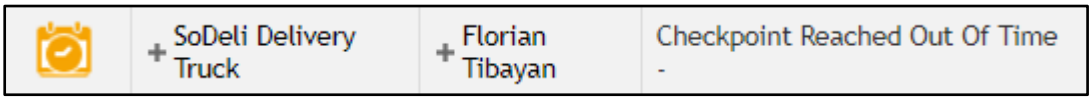
Service Started – Generated once the start time of the planned trip is reached.



Checkpoint Reached – Generated once a checkpoint is reached.



Checkpoint Reached Out of Time – Generated once a checkpoint is reached either ahead or behind the allotted time allowance.

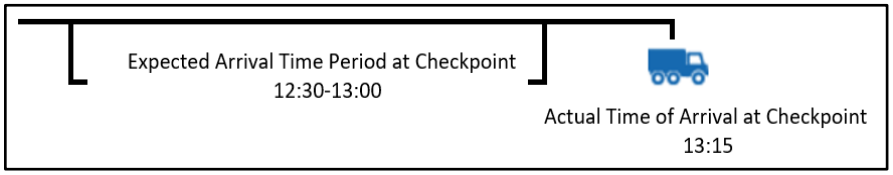


This event is generated in two scenarios:

(1) Advanced Arrival at Checkpoint

Expected Arrival Time Period at Checkpoint: 12:30 - 13:00
Actual Arrival at Checkpoint: 12:10
Event Generated: Checkpoint Reached Out of Time

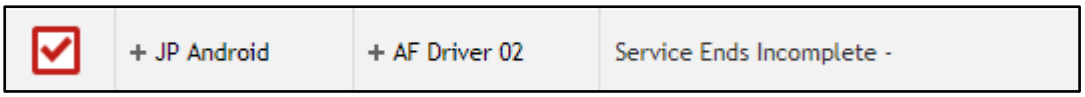
(2) Delayed Arrival at Checkpoint



Checkpoint Expected Arrival Time Period: 12:30 - 13:00
Actual Arrival at Checkpoint: 13:15
Event Generated: Checkpoint Reached Out of Time

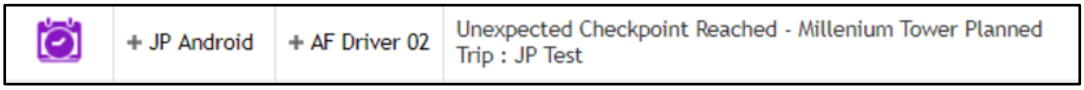
Service Ends Complete – Generated once the period limit is reached and all the checkpoints have been visited.

Service Ends Incomplete – Generated once the period limit is reached and not all of the checkpoints have been visited.

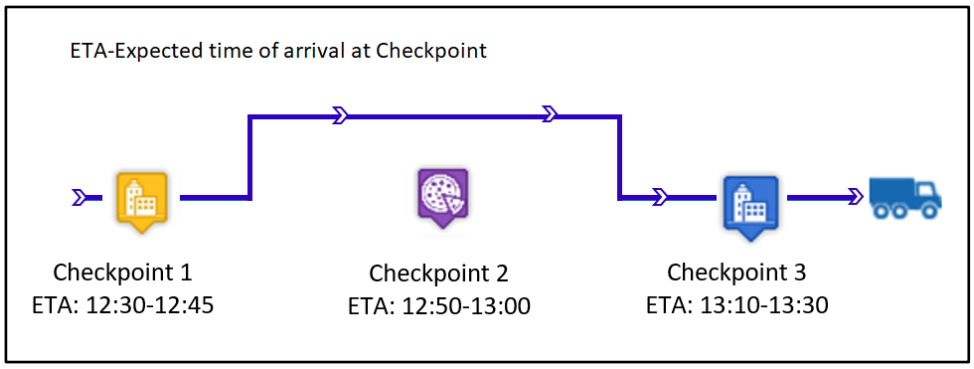


Checkpoint Missed – Generated if a checkpoint is not visited.

Unexpected Checkpoint Reached – Generated if a checkpoint is visited not on the established order.



Scenario A



From the scenario A above, generated events are the following:

Unexpected Checkpoint Reached – generated due to reaching Checkpoint 3 which is not the established succeeding checkpoint.

Checkpoint Reached Out Of Time – generated only if the device has reached Checkpoint 3 either ahead or behind its ETA. If the device has reached Checkpoint 3 within the ETA, this event will not be generated.

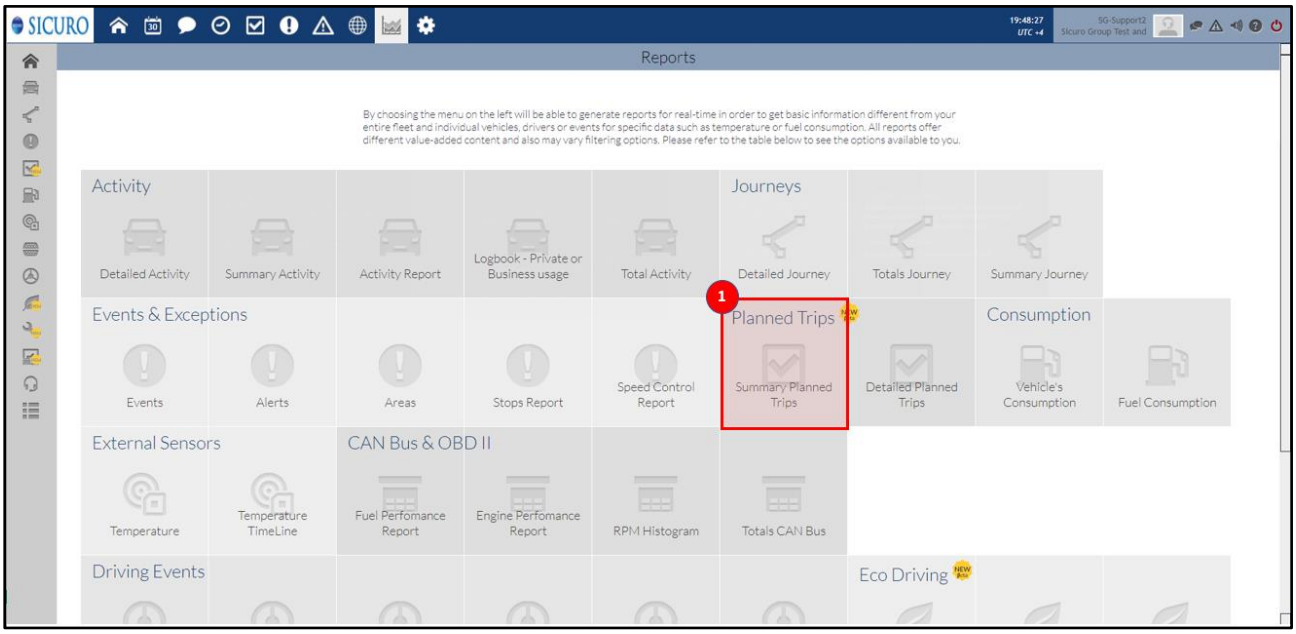
Checkpoint Missed – generated due to not reaching Checkpoint 2.

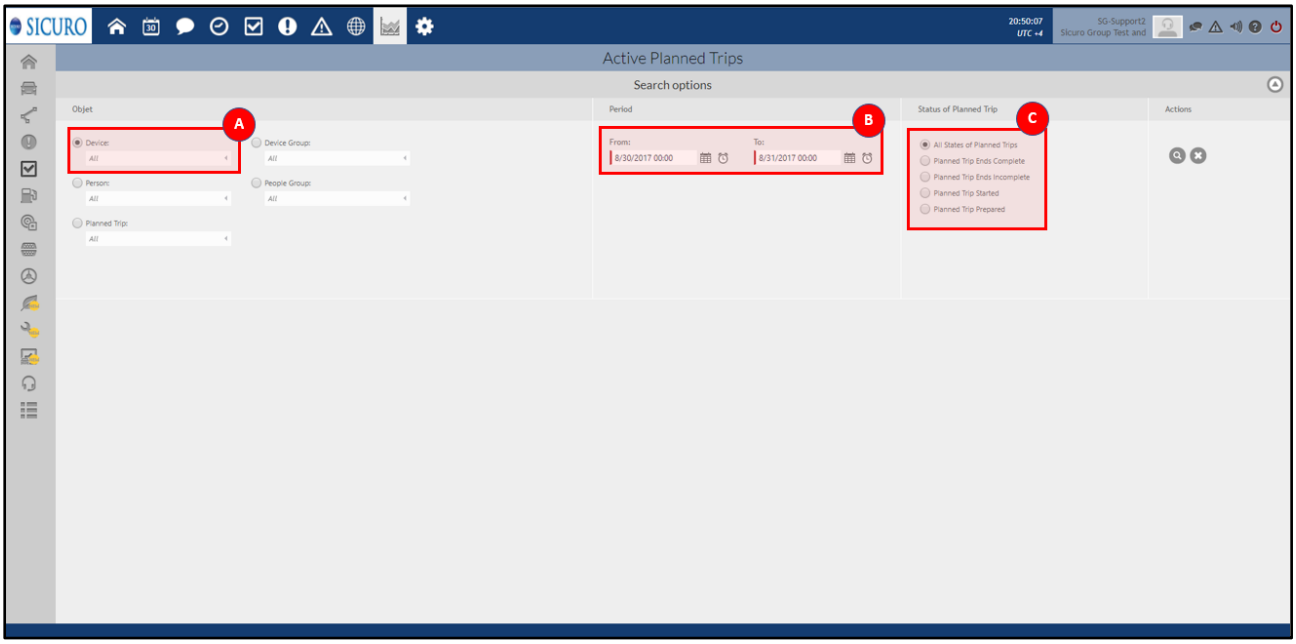
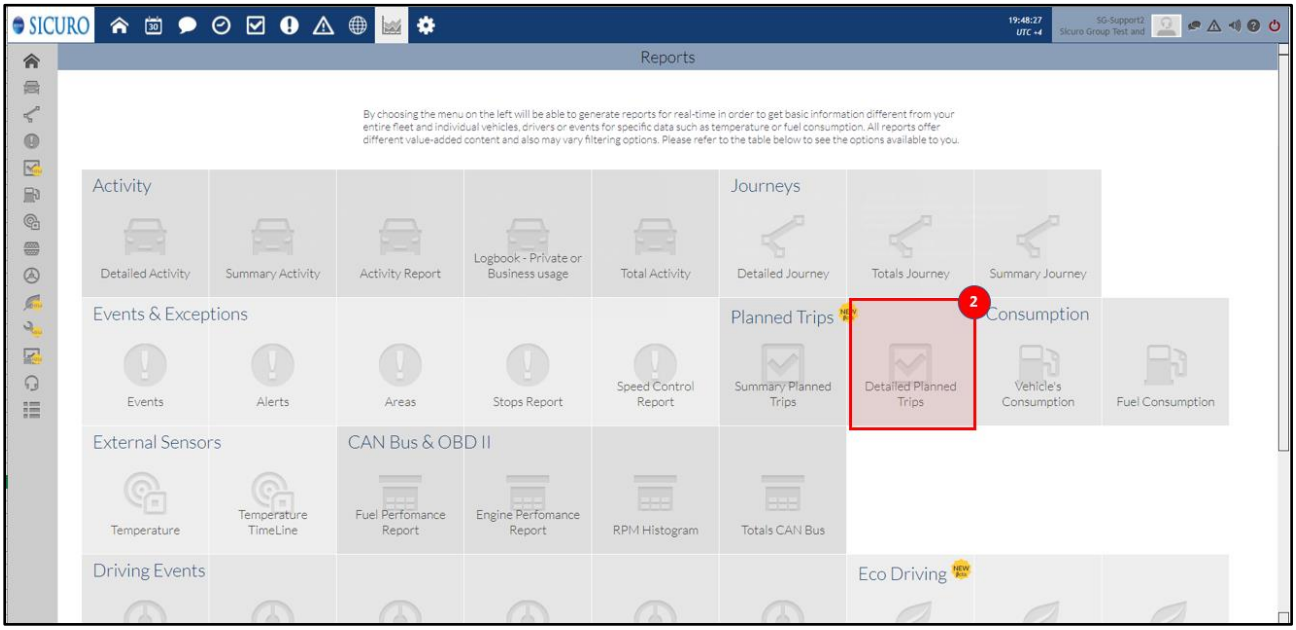
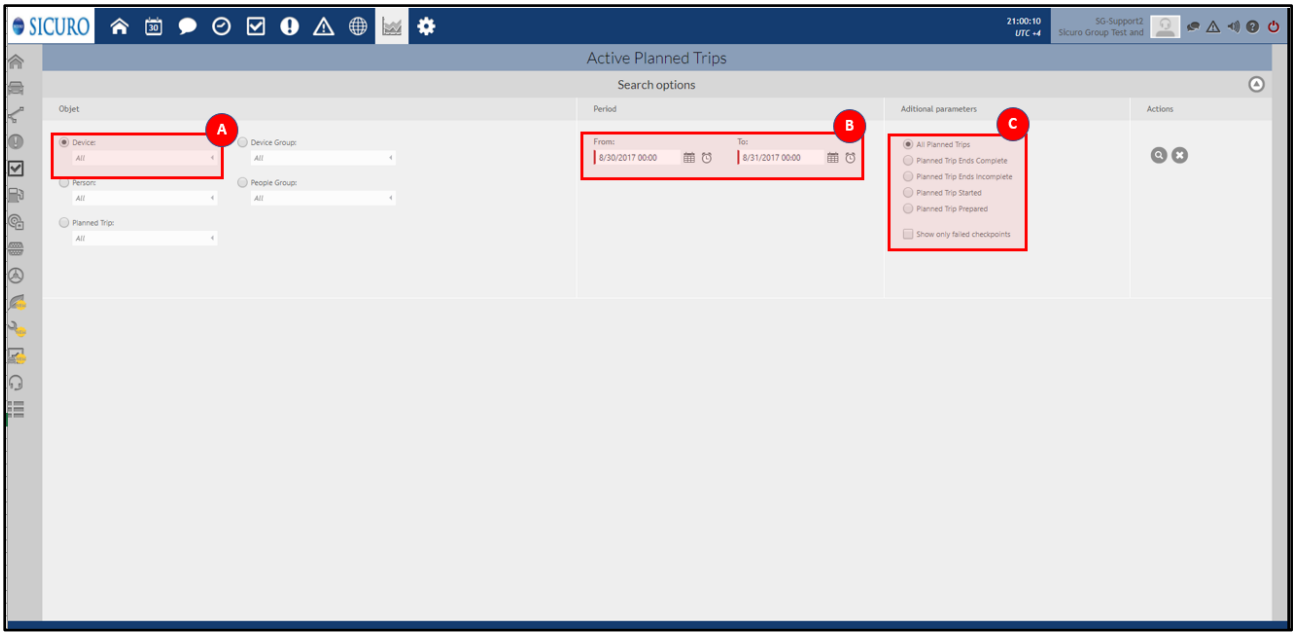
Checkpoint Reached – generated due to reaching Checkpoint 3.

E. Reports

From the Reports page, you can generate reports related to planned trips.

1. Summary Planned Trips
    A. Select the Device.
    B. Select the Period.
    C. Select the Status of Planned Trips.





2. Detailed Planned Trips
    A. Select the Device.
    B. Select the Period.
    C. Select the Additional Parameter.