




# **SicuroTrack Planned Trips**

Version 1.0 29<sup>th</sup> 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

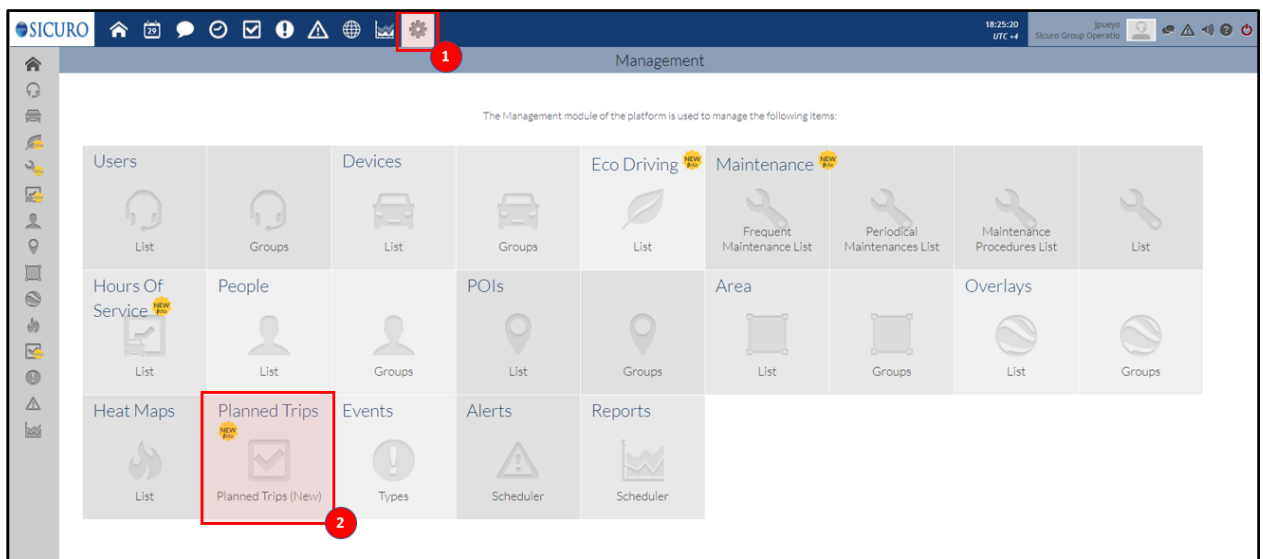
This document provides instructions on how to create planned trips using sets of coordinates, address and points of interest. This also shows the details of how this planned trip can be monitored with generated events and reports.

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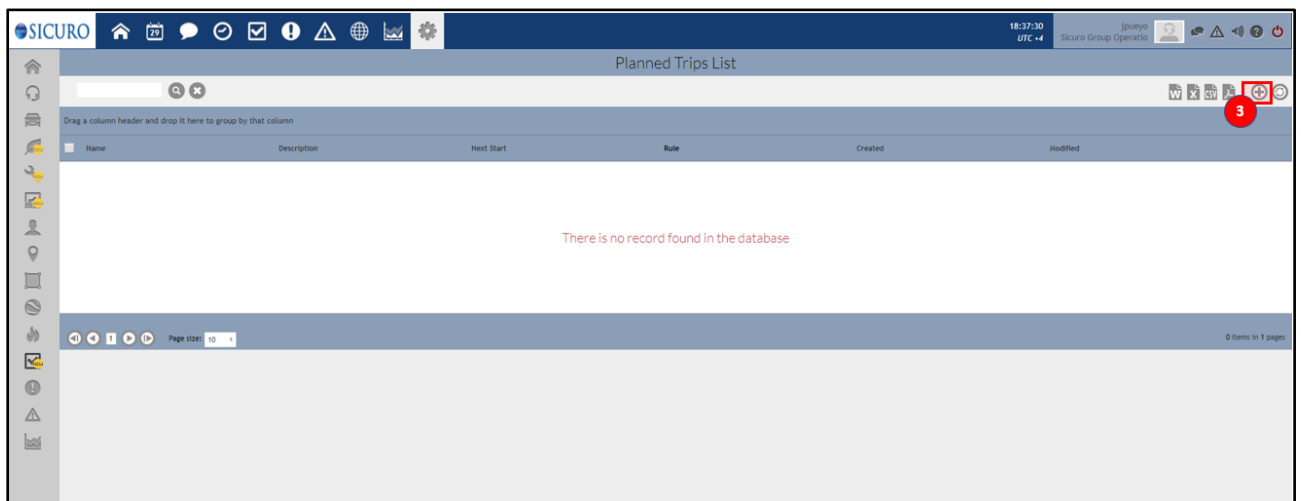
## I. Planned Trip Creation Steps


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

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

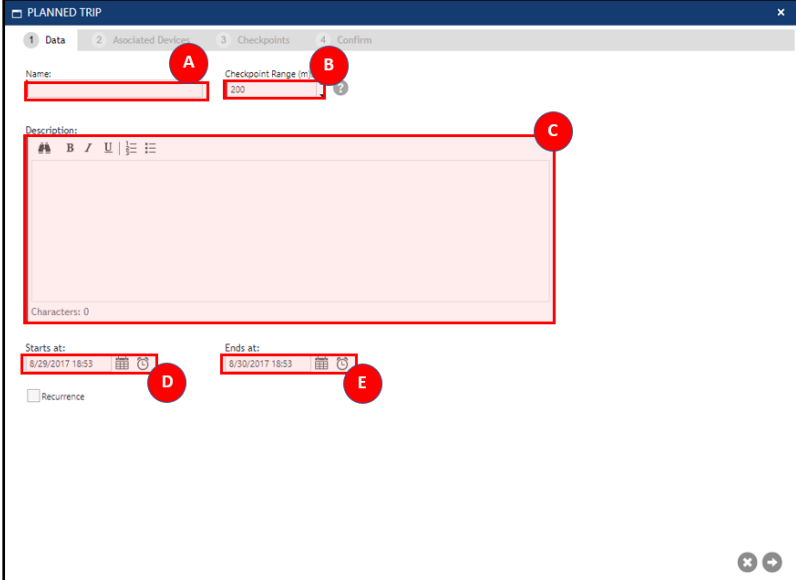


3. Click  to add a new planned trip.



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4. Enter the required details.



The screenshot shows the 'PLANNED TRIP' form with the following fields highlighted by red circles:

- A**: Name input field.
- B**: Checkpoint Range (m) input field, showing '200'.
- C**: Description text area.
- D**: Starts at date and time picker, showing '8/29/2017 18:53'.
- E**: Ends at date and time picker, showing '8/30/2017 18:53'.

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

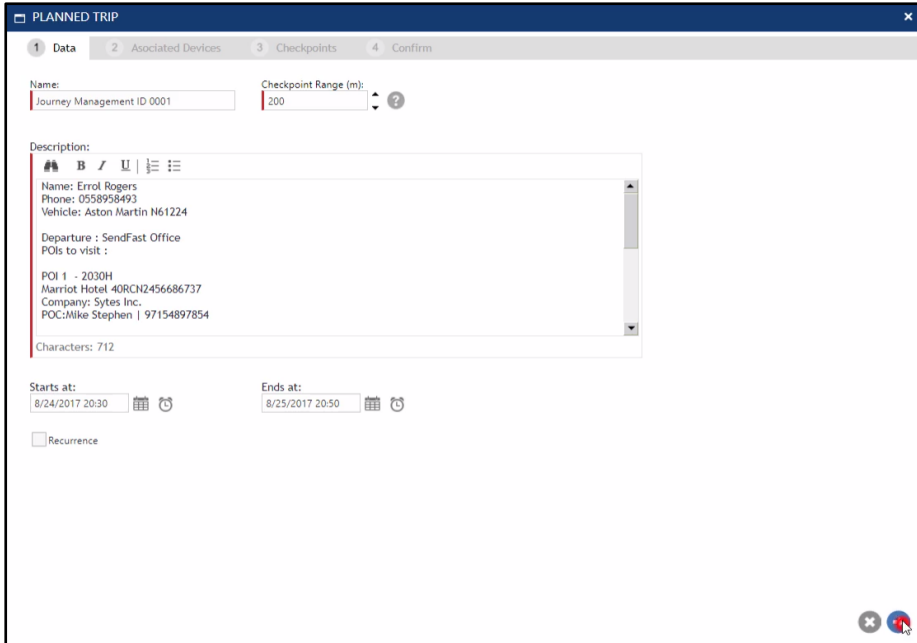
B. **Checkpoint range** – radius of the checkpoint. Entering this range will mark the checkpoint as visited.

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.



The screenshot shows the 'PLANNED TRIP' form with the following completed data:

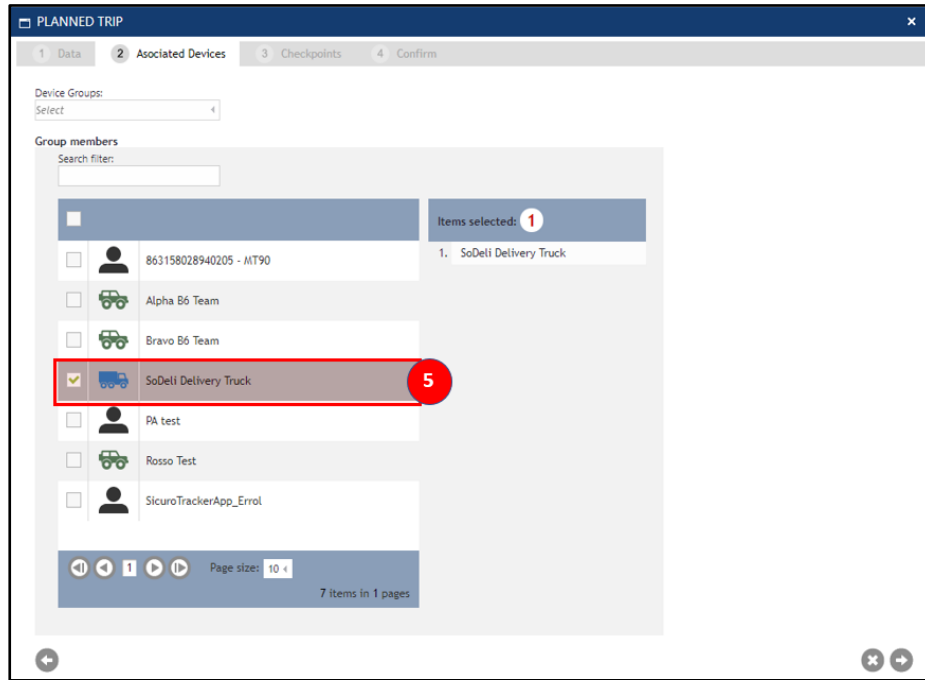
- Name:** Journey Management ID 0001
- Checkpoint Range (m):** 200
- Description:**

Name: Errol Rogers  
Phone: 0558958493  
Vehicle: Aston Martin N61224  
Departure : SendFast Office  
POIs to visit :  
POI 1 - 2030H  
Marrlot Hotel 40RCN2456686737  
Company: Sytes Inc.  
POC:Mike Stephen | 97154897854
- Starts at:** 8/24/2017 20:30
- Ends at:** 8/25/2017 20:50
- Recurrence:**
- Characters:** 712

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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**

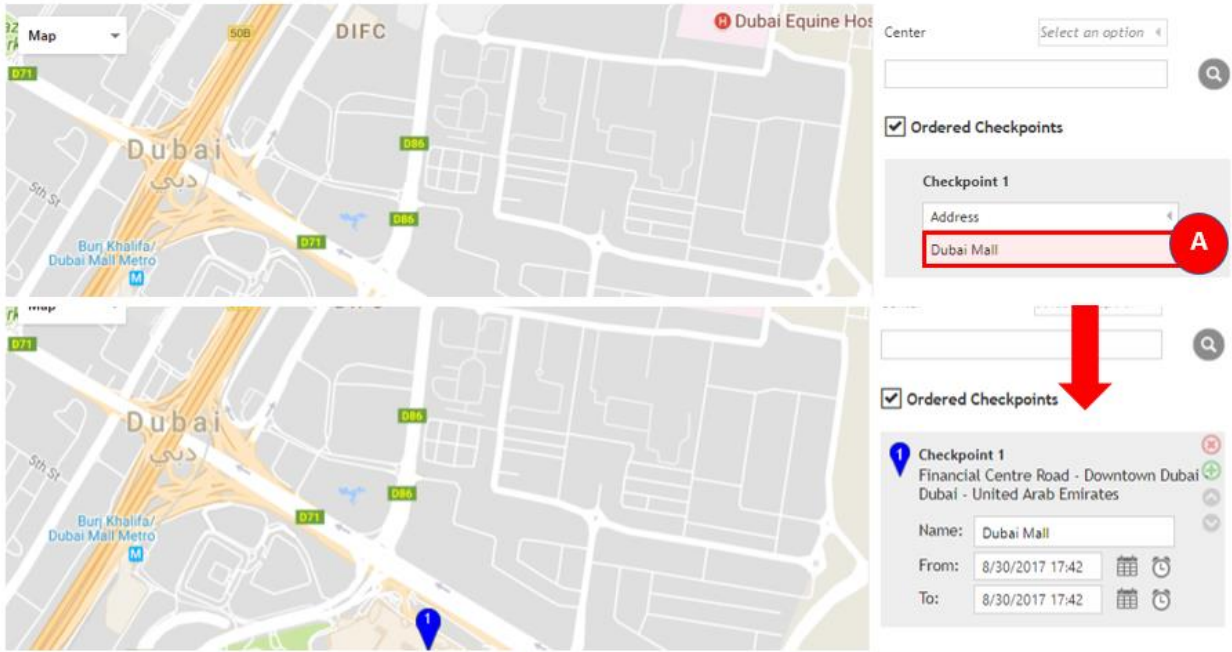
- A. Enter the address of a google known location
- B. Enter MGRS Coordinate of the location



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PLANNED TRIP

1 Data 2 Associated Devices 3 Checkpoints 4 Confirm



Center: Select an option

Ordered Checkpoints

Checkpoint 1

Address: Dubai Mall (A)

Ordered Checkpoints

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 Associated Devices 3 Checkpoints 4 Confirm




Center: Select an option

Ordered Checkpoints

Checkpoint 1

Address: 335TS8684426901 (B)

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Checkpoint: **Coordinates**

A. Enter the Latitude and Longitude coordinates of the location




The screenshot shows the 'PLANNED TRIP' interface with the 'Checkpoints' step selected. A map of the United Arab Emirates is visible. On the right side, there is a 'Center' dropdown menu and a search box. Below that, the 'Ordered Checkpoints' section is active, showing 'Checkpoint 1' with a dropdown menu. The 'Coordinates' option is highlighted in red.



This screenshot shows the same interface as the previous one, but now the 'Coordinates' option is selected in the 'Checkpoint 1' dropdown. Two input fields for latitude are visible, both labeled 'Lat:'. A red circle with the letter 'A' is positioned next to the second 'Lat:' field.



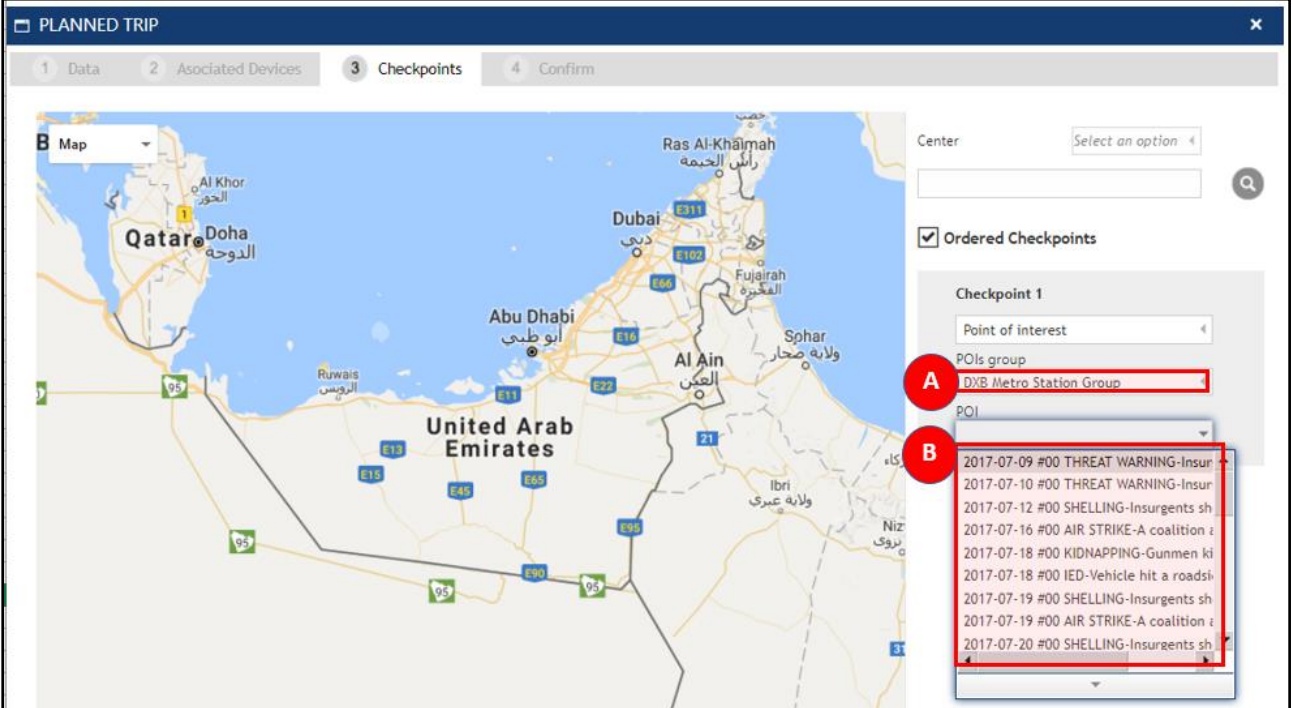
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Checkpoint: **Point of Interest**

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




The screenshot shows the 'PLANNED TRIP' window with the 'Checkpoints' step active. The map displays the United Arab Emirates and Qatar. On the right, the 'Checkpoint 1' dropdown menu is open, with 'Point of Interest' selected and highlighted in red.



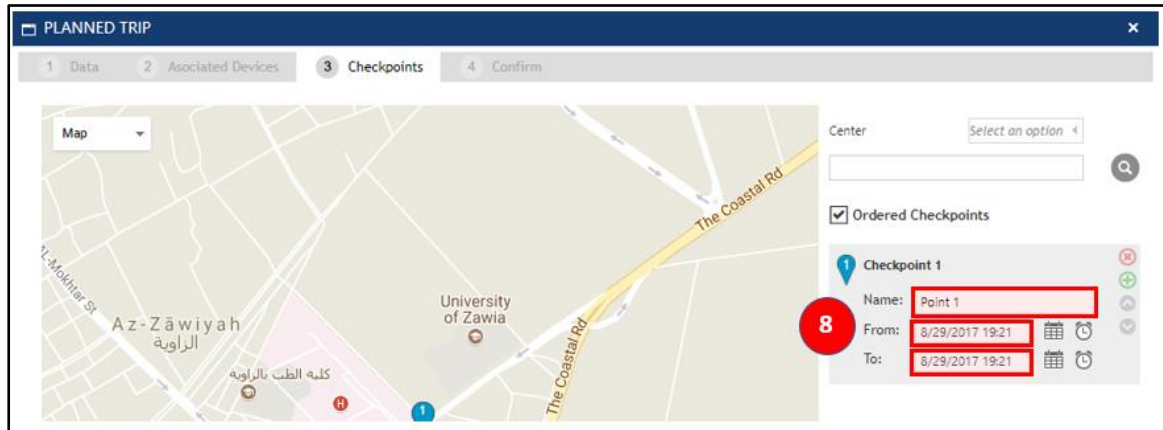
The screenshot shows the 'PLANNED TRIP' window with the 'Checkpoints' step active. The map displays the United Arab Emirates and Qatar. On the right, the 'Checkpoint 1' dropdown menu is open, showing 'Point of Interest' selected. Below it, the 'POIs group' dropdown is open, with 'DXB Metro Station Group' selected and highlighted in red. Below that, the 'POI' dropdown is open, showing a list of POIs, with the first item '2017-07-09 #00 THREAT WARNING-Insur' selected and highlighted in red.




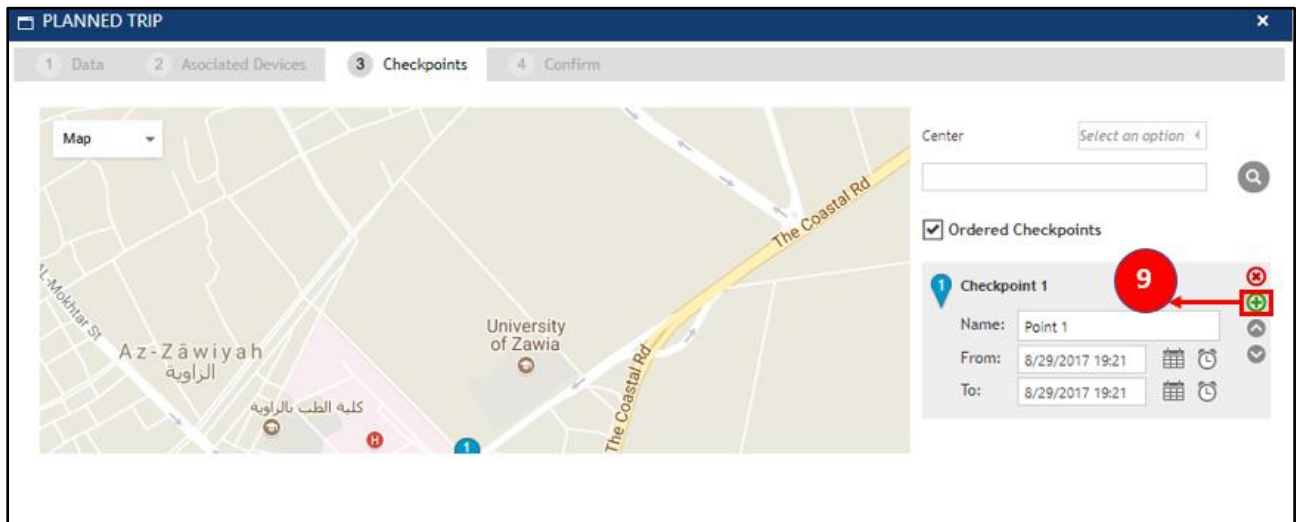
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8. Enter the name of checkpoint, date and time allowance for the checkpoint.

*\*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.

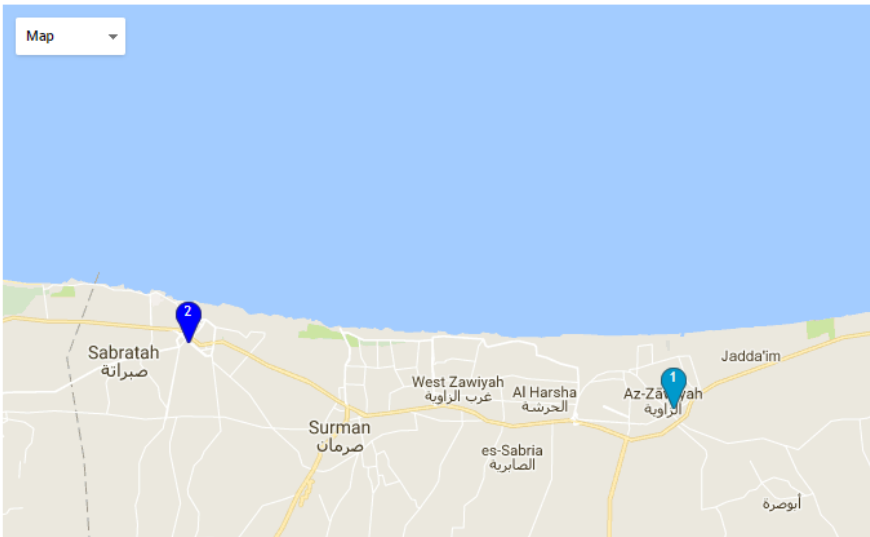


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PLANNED TRIP
✕

1 Data 2 Associated Devices 3 Checkpoints 4 Confirm

Map



Center:

**Ordered Checkpoints**

**1 Checkpoint 1**

Name:

From:


To:

**2 Checkpoint 2**

Name:

From:

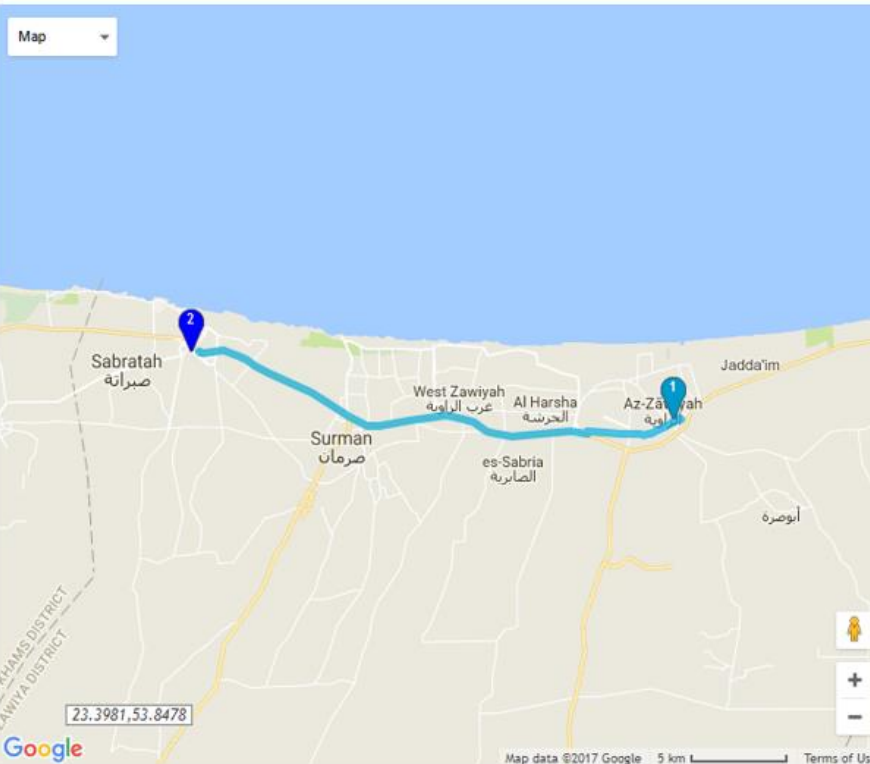
To:

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

PLANNED TRIP
✕

1 Data 2 Associated Devices 3 Checkpoints 4 Confirm

Map



**Data**

Name: SoDeli Ice Cream Delivery

Description: Driver: Mahmoud Ahmed Phone Number: 97156123644 Delivery Shedule Marriot Hotel Al Safa Tower Millenium

Starts at: 8/29/2017 19:21:00

Ends at: 8/30/2017 19:21:00

Recurrence: None


**Associated Devices**

- SoDeli Delivery Truck

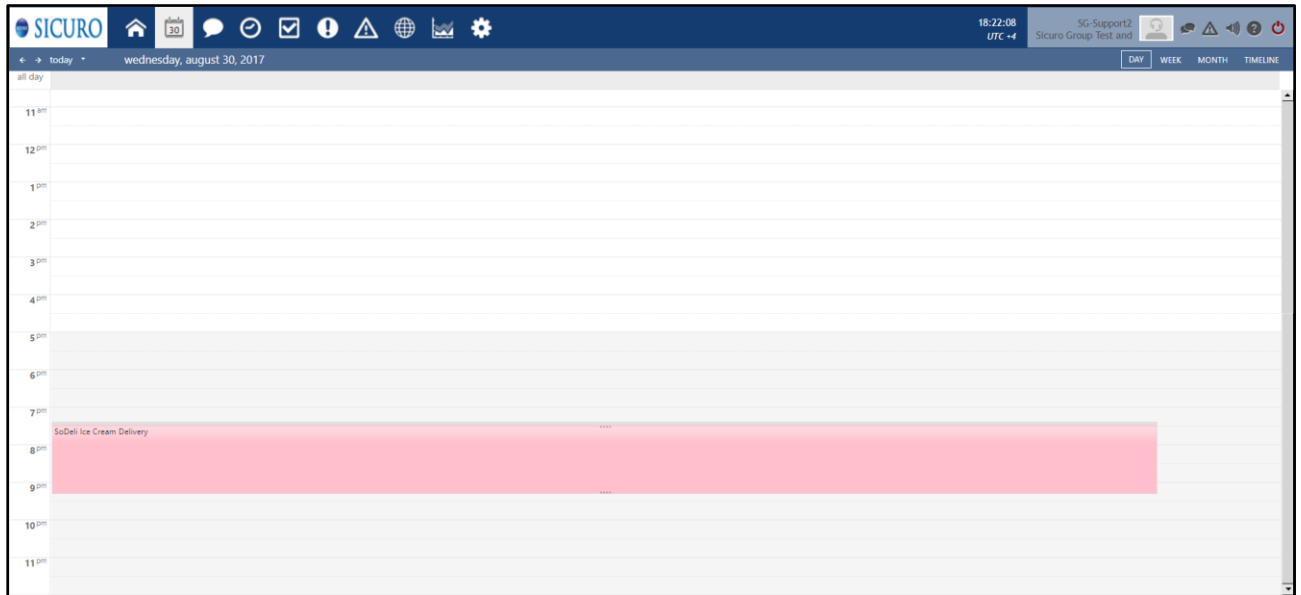
**Checkpoints**


- Checkpoint 1  
Point 1
- Checkpoint 2  
Point 2

10

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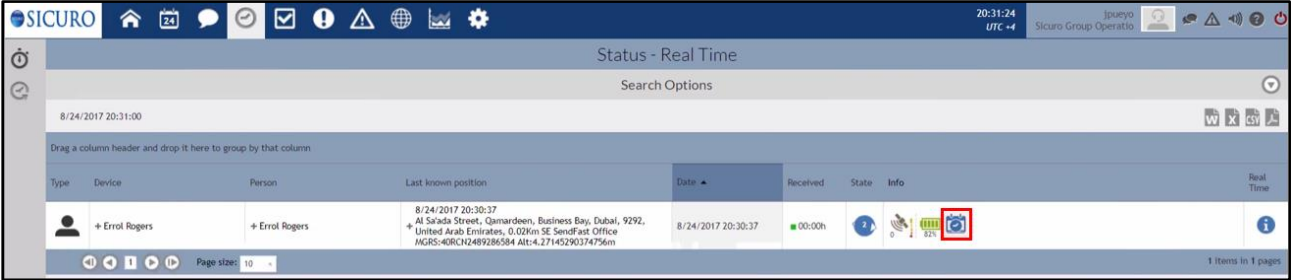
Once saved, the planned trips entry will be reflected in the scheduler page.




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## II. View the Progress Indicators

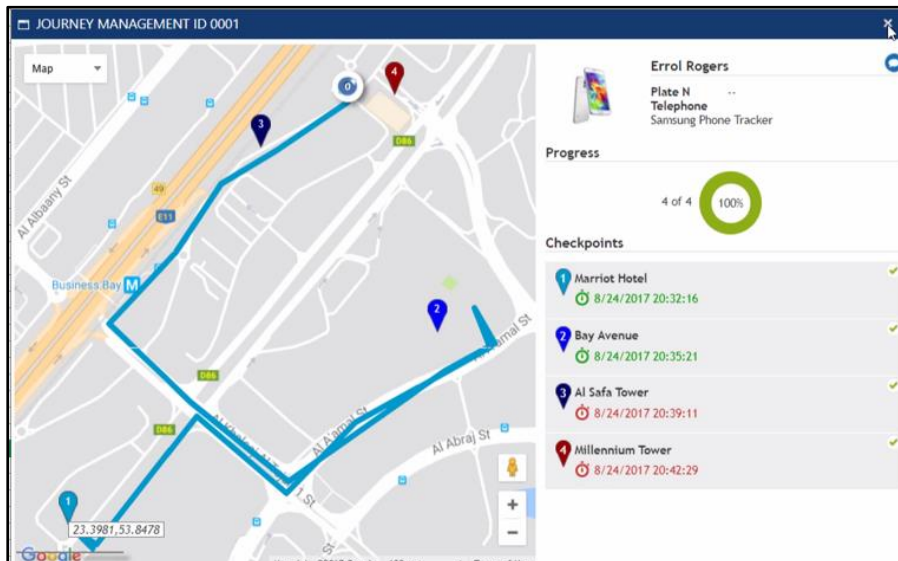
### A. Status Page



Type	Device	Person	Last known position	Date	Received	State	Info	Real Time
+ Errol Rogers	+ Errol Rogers	+ Errol Rogers	8/24/2017 20:30:37 + Al Safada Street, Qamardeen, Business Bay, Dubai, 9292, United Arab Emirates, 0.03Km SE Senafast Office MGRS:40RCH2489286584 Alt:4.27145290374756m	8/24/2017 20:30:37	00:00h	2		



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




**Date and Time highlighted in GREEN**

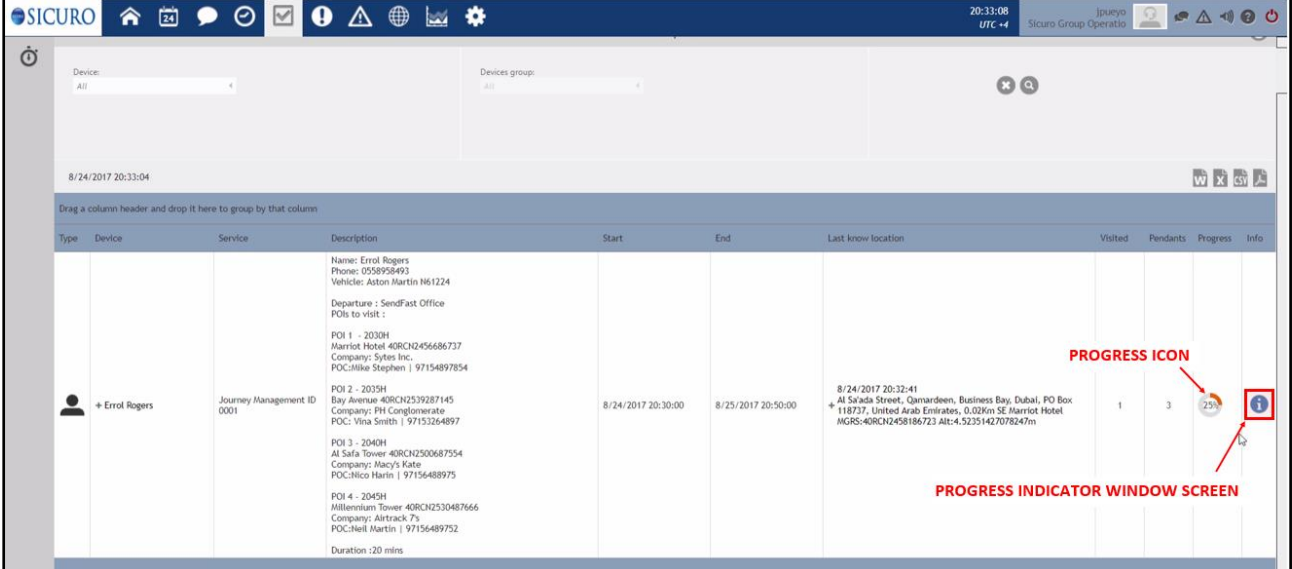
-The device arrived in the checkpoint within the allotted time allowance

**Date and Time highlighted in RED**

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


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## B. Planned Trips Page



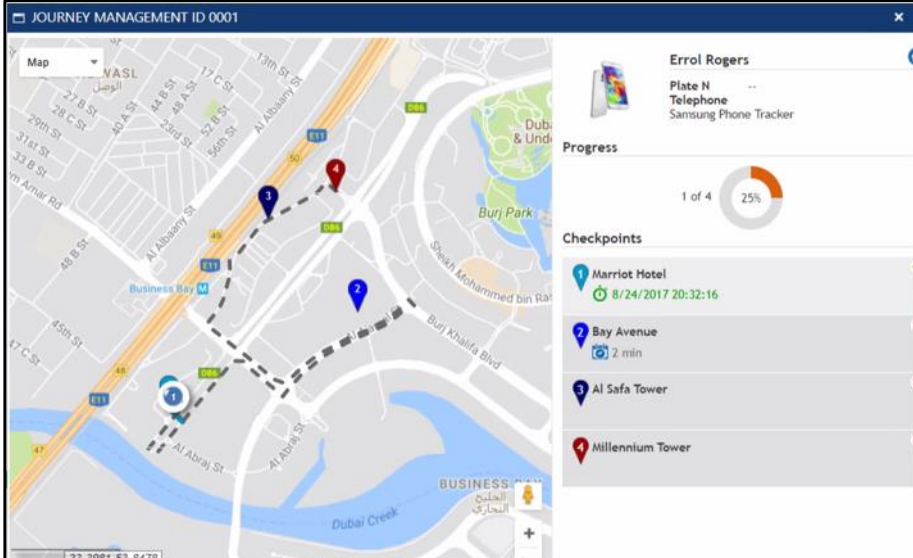
8/24/2017 20:33:04

Drag a column header and drop it here to group by that column

Type	Device	Service	Description	Start	End	Last know location	Visited	Pendants	Progress	Info
	+ Errol Rogers	Journey Management ID 0001	<p>Name: Errol Rogers Phone: 0558938493 Vehicle: Aston Martin N61224 Departure : SendFast Office POs to visit :</p> <p>POI 1 - 2030H Marriot Hotel 40RCH256686737 Company: Syles Inc. POC:Mike Stephen   97154897854</p> <p>POI 2 - 2035H Bay Avenue 40RCH239287145 Company: PNI Conglomerate POC: Visa Smith   97153264897</p> <p>POI 3 - 2040H Al Safa Tower 40RCH2500687554 Company: Macy's Kate POC:Nico Harin   97156488975</p> <p>POI 4 - 2045H Millennium Tower 40RCH2530487666 Company: Airtrack 7s POC:Neil Martin   97156489752</p> <p>Duration : 20 mins</p>	8/24/2017 20:30:00	8/25/2017 20:50:00	8/24/2017 20:32:41 Al Sarada Street, Qamardeen, Business Bay, Dubai, PO Box 118737, United Arab Emirates, 0.020fin SE Marriot Hotel NGRS-40RCH2458186723 Altz4-52351427076247m	1	3	25%	

**PROGRESS ICON**

**PROGRESS INDICATOR WINDOW SCREEN**



JOURNEY MANAGEMENT ID 0001

Map

Errol Rogers

Plate N  
Telephone  
Samsung Phone Tracker

Progress


1 of 4 25%

Checkpoints

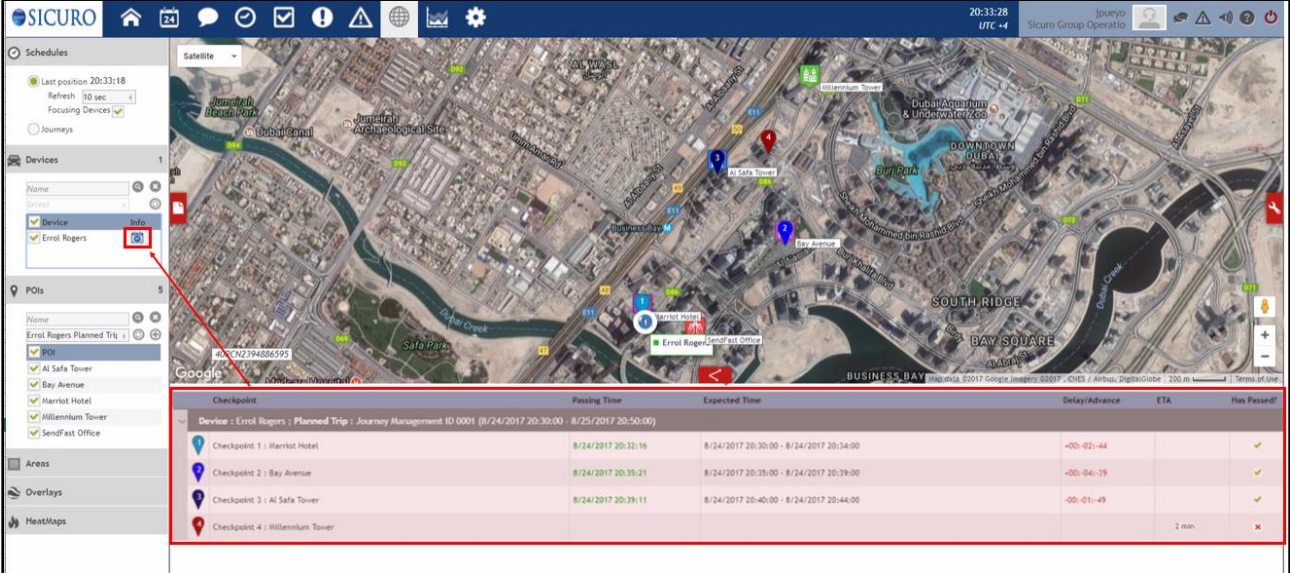
- 1 Marriot Hotel  
8/24/2017 20:32:16
- 2 Bay Avenue  
2 min
- 3 Al Safa Tower
- 4 Millennium Tower

23.3981, 53.8478



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### C. Map Page



The screenshot shows the SicuroTrack software interface. On the left, there are panels for Schedules, Devices, POIs, Areas, Overlays, and HeatMaps. The main area is a satellite map of Dubai, with a red location pin for 'Errol Rogers' and a red arrow pointing to the 'Info' icon in the Devices panel. Below the map is a table of checkpoints for the device 'Errol Rogers'.

Checkpoint	Passing Time	Expected Time	Delay/Advance	ETA	Has Passed?
Device: Errol Rogers : Planned Trip : Journey Management ID 0001 (8/24/2017 20:30:00 - 8/25/2017 20:50:00)					
Checkpoint 1 : Marriott Hotel	8/24/2017 20:32:16	8/24/2017 20:30:00 - 8/24/2017 20:14:00	-00:02:44		✓
Checkpoint 2 : Bay Avenue	8/24/2017 20:35:21	8/24/2017 20:35:00 - 8/24/2017 20:19:00	-00:04:39		✓
Checkpoint 3 : Al Safa Tower	8/24/2017 20:39:11	8/24/2017 20:40:00 - 8/24/2017 20:44:00	-00:01:49		✓
Checkpoint 4 : Millennium Tower				2 min	✗

**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

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**CLICKING THE DEVICE WILL SHOW YOU THIS**

**DETAILS OF PLANNED TRIP**

Planned Trip:	Journey Management ID 0001
Start at:	8/24/2017 20:30:00
End at:	8/25/2017 20:50:00
Starting point:	Millennium Tower
Ending point:	Marrriott Hotel
Description:	Name: Errol Rogers Phone: 0558958493 Vehicle: Atcon Martin N61224
Departure :	SendFast Office POIs to visit :
POI 1 - 2020H	Marrriott Hotel 40RCN245686737 Company: Sytes Inc. POC:Mike Stephen   97154897854
POI 2 - 2035H	Bay Avenue 40RCN2559287145 Company: PH Conglomerate POC: Vins Smith   97153264897
POI 3 - 2040H	Al Safa Tower 40RCN250087554 Company: Macy's Kate POC:Nico Marin   97156488975
POI 4 - 2045H	Millennium Tower 40RCN2530487666 Company: Alttrack 75 POC:Neil Martin   97156489752
Duration :	20 mins


Show Planned Trip Detail  Show Breadcrumb




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#### D. Events


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

	+ SoDeli Delivery Truck	+ Florian Tibayan	Service Prepared -
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**Service Started** – Generated once the start time of the planned trip is reached.

	+ SoDeli Delivery Truck	+ Florian Tibayan	Service Started -
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**Checkpoint Reached** – Generated once a checkpoint is reached.

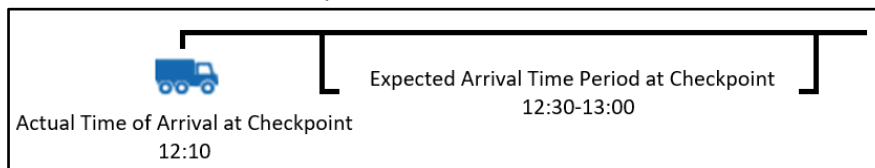
	+ SoDeli Delivery Truck	+ Florian Tibayan	Checkpoint Reached -
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**Checkpoint Reached Out of Time** – Generated once a checkpoint is reached either ahead or behind the allotted time allowance.

	+ SoDeli Delivery Truck	+ Florian Tibayan	Checkpoint Reached Out Of Time -
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This event is generated in two scenarios:

(1) Advanced Arrival at Checkpoint

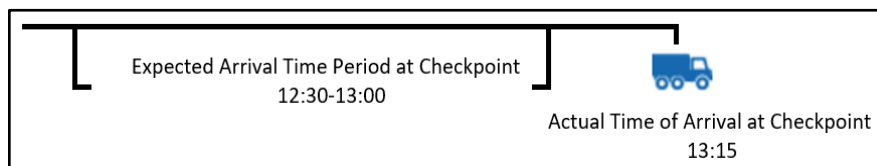


Expected Arrival Time Period at Checkpoint: 12:30 - 13:00

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

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

	+ JP Android	+ AF Driver 02	Service Ends Complete - JP test
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**Service Ends Incomplete** – Generated once the period limit is reached and not all of the checkpoints have been visited.

	+ JP Android	+ AF Driver 02	Service Ends Incomplete -
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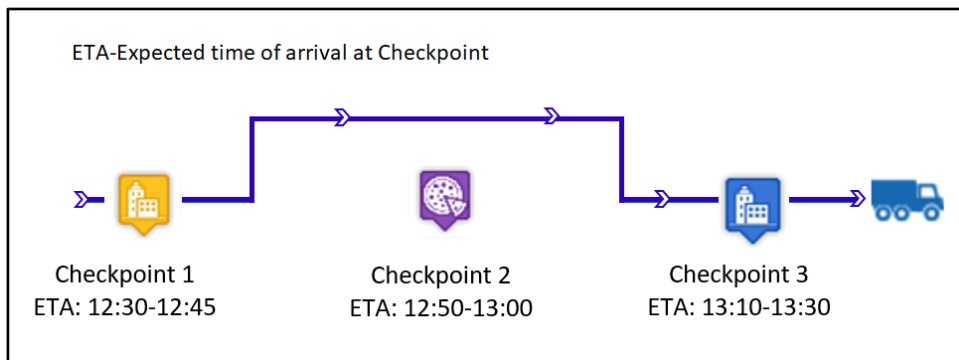
**Checkpoint Missed** – Generated if a checkpoint is not visited.

	+ JP Android	+ AF Driver 02	Checkpoint Missed - Marriot Planned Trip : JP Test
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**Unexpected Checkpoint Reached** – Generated if a checkpoint is visited not on the established order.

	+ JP Android	+ AF Driver 02	Unexpected Checkpoint Reached - Millenium Tower Planned Trip : JP Test
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**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.

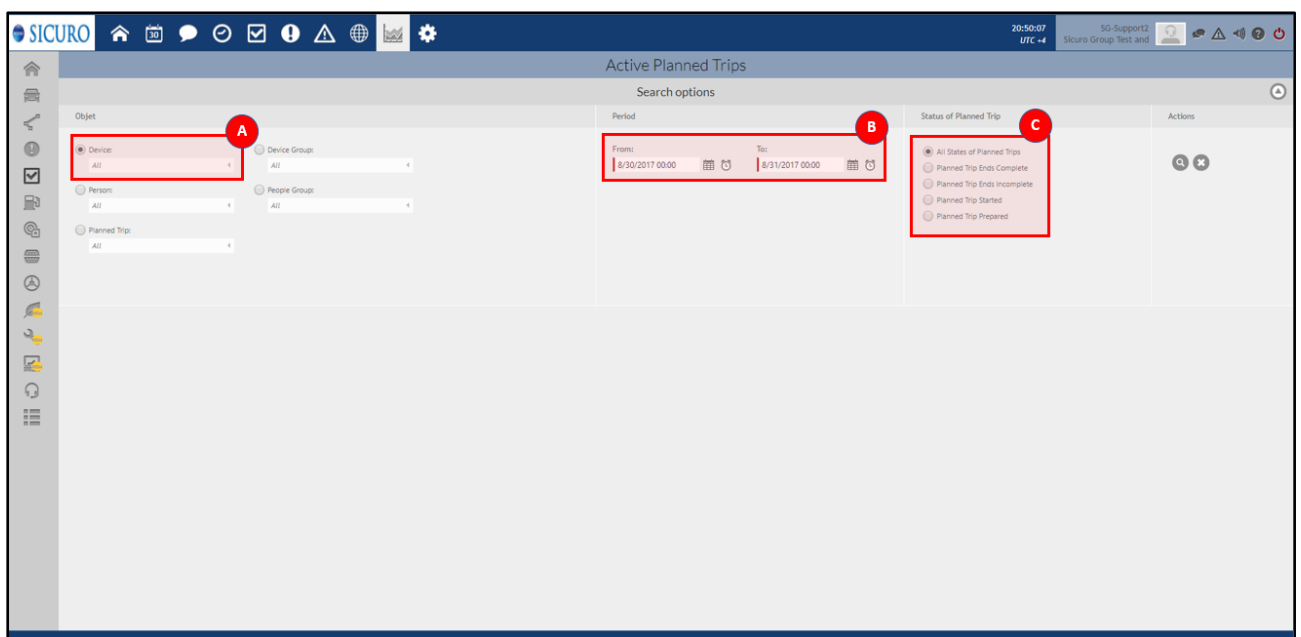
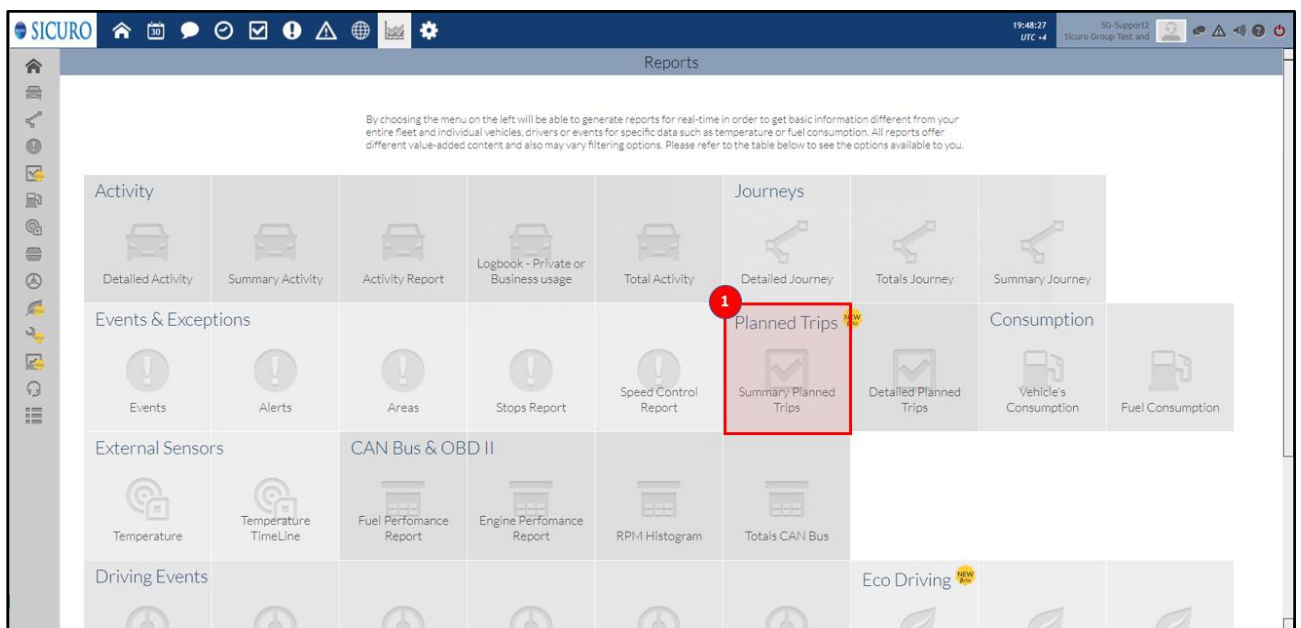
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## E. Reports

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.



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

