



RSLite for Recce
Competitor Manual

STATUS AWARENESS SYSTEMS
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RSLite® for Recce

While RallySafe Lite has been developed with the best intentions, we are not liable for individual phone performance, quality, or battery life. We recommend that competitors should carry a portable phone battery supply or have a charging cable fitted in the rally car.

An estimated 50MB of data is required for a 1-day event.

To install the RSLite application on your device, search for “RSLite” in the Google Play Store, or Apple App Store. Alternatively, you can scan the QR code below corresponding to the phone’s operation system to go directly to the application.

Before you arrive to an event, please make sure that RSLite is installed on your device, and that a suitable mounting solution has been installed to the vehicle.

The application is free to download; however, before arriving at the event, please ensure that you have paid the recce fee—if stated in the supplementary regulations—in order to ensure a smooth handout process. Please note that many events will incorporate the recce fee into the competition entry, but please confirm this step has been made before arriving.

Competitors are responsible for having a device capable of using the app with GPS tracking, connection to the available GSM network, and a battery capable of lasting for the entirety of the competition.

Considerations should be made to ensure the phone or tablet can be charged during the event and that there are no 3rd party applications enabled that may disable GPS tracking.

QR CODES



Google Play Store



Apple App Store

Phone Settings

- The RSLite® mobile application requires access to your location for the use of transmitting your location to Race Control using your mobile device.
- Ensure the application is correctly installed and updated prior to attending an event.
- Ensure that the app is always running and in tracking mode during the event.
- While RSLite the app should automatically prompt you to change the required settings, if you find that your mobile device is displaying warning dialogs on the tracking screen, follow these steps:

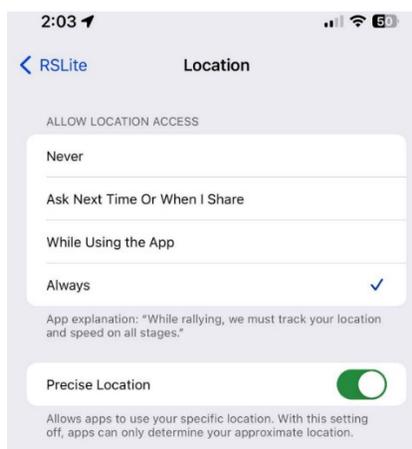
IOS Devices

The following settings must be set correctly in your phone settings (Go to Settings and select RSLite from your app list). The setting should be as follows:

- Location: Always
- Background App Refresh: Enabled
- Mobile Data: Enabled



Select 'Location' from this list and ensure that 'location services' is set to 'always' and that 'Precise location' is enabled as shown below

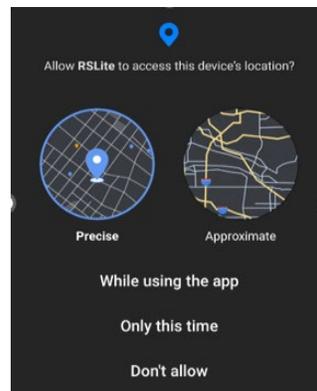


Android Devices

The following settings must be correctly set on your Android device.

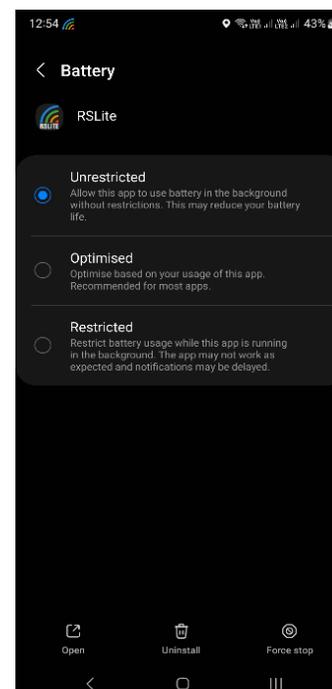
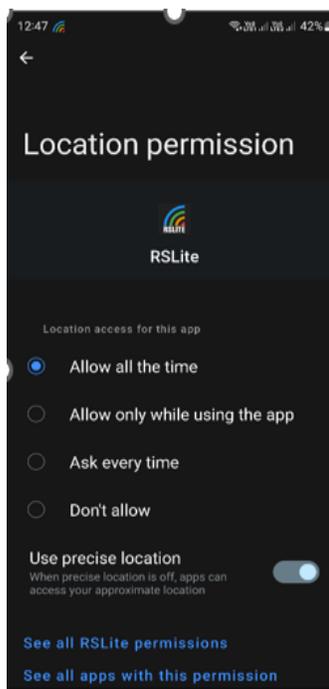
When first opening the application on an android device, the following screen should appear.

Please select “While using the app”



Shortly after making this selection, the following screen should display. Select “Allow all the time” for the tracking to be set up correctly.

Ensure the battery settings are set to “Unrestricted”. The app should prompt this if it is not already set correctly.



Data usage

The application does not need a permanent data connection, it is not a problem if the connection drops out in an area without cellular coverage. Once a data connection is lost all important information will be stored on your device and send as soon the data connection is established again. The application will use less than 50Mb per day.

There are two options to provide a data connection, either a SIM card in the device used or connect the RSLite device used with a hotspot to, for example, your personal phone.

Data – SIM card

The easiest way to connect the application with data is a device with a SIM card.

Make sure the device and SIM card are setup to work in 'Roaming' if you are not in your home country.

Data - Hotspot

Alternatively, you can use a device that does not have a SIM card installed but is connected through WIFI to a device that has a Hotspot enabled. Enabling the hotspot on for example your own phone makes it possible to share the data from your personal phone to any other device over a local WIFI network.

Depending on your personal device it might be slightly different to setup a hotspot but in general the following instructions would suffice.

Android:

Go to **Settings**

Find **Network & Internet**

Click on **Hotspot & tethering**

Find **Wi-Fi hotspot**

Turn the hotspot on, you can find here the name of the WIFI connection and the password

On the device you use for RSLite

Search for WIFI connections

Select the WIFI network of the hotspot

Possibly enter the password

Make sure to set the device to automatically connect.

Now your RSLite device is connected to the internet through your personal device

Apple:

Go to **Settings**

Find **Cellular**

Click on **Set Up Personal Hotspot**

Turn the hotspot on, you can find here the name of the WIFI connection and the password

On the device you use for RSLite

Search for WIFI connections

Select the WIFI network of the hotspot

Possibly enter the password

Make sure to set the device to automatically connect.

Now your RSLite device is connected to the internet through your personal device

Please note that some phones will turn off hotspot mode once there has been no device connected for 5-10 minutes. Please check regularly at the top of the application to see if you still have a data connection.

Inputting the Recce Code

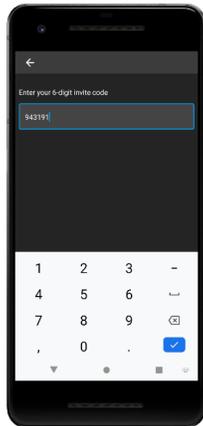
It is the responsibility of the competitor to ensure that

- The application is correctly installed and updated prior to recce
- The app is running, and in tracking mode from the beginning of the day of recce till the completion of the day
- The screen is in the foreground, and visible, during competition stages
- The device is capable of using the app with GPS tracking and the battery is capable of lasting for the entirety of the day
- There are no 3rd party applications enabled that may disable GPS tracking

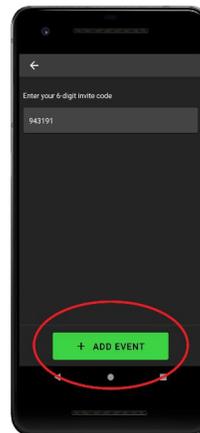
Event organisers will provide a unique code to access the RSLite® app.



Main Screen when app is opened. Click “+ ADD EVENT”



Enter 6-digit code



Click “+ ADD EVENT”

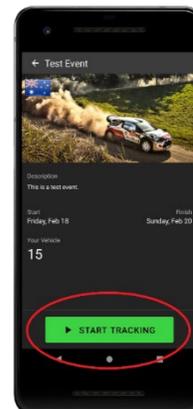


Click “ACCEPT INVITE”

The Event will now be displayed in the events list. Select the event.



Click “Start Tracking” when beginning the event



Operation



Main Screen when tracking

When logged into the event with your code, the main screen will display your current speed, along with 2 trip meters for measuring distance. The bottom one can be reset by tapping at any time, but the top one can only be reset by pressing and holding while stopped.

On the top of your application, you can see the current status information. Please check regularly that the data connection is still active using the information in the top bar as explained below.



From left to right: [Event name] [Event time] [Car number] [Data connection] [Battery status].

On the right side, the status of outgoing data is also shown as **All data sent**, **Sending data**, or **No internet**.



When entering a stage, the speed limit is shown above the current speed. In this example the speed limit is set to 80km/h



When the device detects an overspeed, this device will warn the user with an audio tone and a red bar as seen here

General Tips

- Please keep in mind that this application works on GPS and all stages are considered active. Depending on the layout, it might be possible to see unexpected speed limitations when, for example, you drive on a highway close to a stage, or even where the stages cross a main road.
- There is a small possibility the GPS of your device does not work well in a location, depending on, for example, steep cliffs next to the road or local radio interference. For all speeding infringements, SAS will inspect all data to determine if the data is valid or if the GPS was not functioning well in a specific location.
- When you see on the main screen in the top right corner “No Internet” for a long time, please check your data connection. Feel free to close the app and re-open the app in transit as all data is stored locally and will be sent as soon as a data connection is re-established.
- Please make sure your volume is turned up if you want to hear the alarm when over speeding.
- If your device is connected to your car audio, please also make sure this audio is set to a volume you can hear.
- We strongly advise to keep a power source connected to the device to prevent the battery from running out.
- In events where Route Note Cars are used, the code attached to your entry number can be added to multiple phones, but not used in two phones simultaneously.

Please Note the following:

- Above the Main Banner, there is a Sent Status- ‘all data sent’ that is a confirmation that the message has been transmitted to Race Control.
- If the app is intentionally disabled on stage, a report is generated in the RallySafe® web application for Race Control officials.
- If the app doesn’t report for an extended time during the competition, an alert is sent to the RallySafe® web application.

Please Ensure the following:

- To keep the RSLite application open at all times, being visible for the driver and/or codriver.
- To place the phone in a phone holder with clear view of the sky, as this will ensure best communication on the cellular network and GPS quality.
- To not minimize the application while on-stage. (In transit sections the phone can be used for other purposes like texting or navigation)

Questions?

If you have any questions during the event, please contact the CRO of the event.

If you have any questions before the event, please contact info@statusas.com

If you are participating in a WRC or ERC recce event, please direct any questions to wrc@statusas.com