



REPORTS PLUS

User Guide

Guide For: **v1.5.2-alpha**

Discord: <https://discord.gg/tjsBtSKZNF>

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General Info

Disclaimer

The developer(s) are not responsible for any consequences resulting from the use of this software, including, but not limited to, being banned or penalized by any service, platform, or system. This plugin is not intended for online use, and any attempt to use it in such a manner is strictly discouraged.

This software is provided free of charge and is open source; however:

You are not permitted to distribute, share, or sell this software in any form, except for customization files specifically intended for user customization.

Reverse engineering is prohibited. As this project is open source, please refer to the official source for any modifications or usage.

By downloading or using this software, you agree to these terms. If you do not agree, do not use the software.

If you have any concerns, please contact the developer of this project to receive clarification.

Credits

This project was programmed entirely by [Guess1m](#). I could not have completed the GTA integration without the help of [HeyPalu](#) for the ideas of how it would be possible to transfer data from the game.

If you are looking for a similar web-based alternative to this application, which can run on almost any device, check out [External Police Computer](#) by HeyPalu.

What Is ReportsPlus?

ReportsPlus was designed to act as an external MDT that can be used from another device (Windows/Mac Desktop) to create reports, receive actual game data, and make the LSPDFR experience more immersive. ReportsPlus is not a window that opens in game such as something like CompuLite, it is an external application which can connect to your game to be able to receive actual game data.

ReportsPlus is not just typing reports like the name may suggest, as ReportsPlus has a fully functioning court system, lookup system for peds and vehicles, callout popups, ID popups when asking for them, tons customization and report types, and SO MUCH more.

How It Works

ReportsPlus is composed of 3 'parts', the Server, Application, and Plugin. If using different systems, the Plugin and Server would go in the GTA directory on the computer running GTA, while the Application would go on the other system (Mac/Windows) you want to use as an MDT.

Plugin-

The RP Plugin is like a traditional LSPDFR plugin, being placed in the same location as others, but it has a different purpose. The Plugin does not actually add any features to the game it simply gets data of what's going on in game (such as ped/vehicle information, callout information, etc.) and puts it into a specific location for the Server to send to the Application.

Server-

The RP Server looks for file changes in the directory where the Plugin saves its data. When the Server sees that game data has been updated, it then sends these files to the Application when connected.

Application-

The Application is the actual program itself, it receives the data from the server and is where everything that the user interacts with happens.

Requirements

The following are **REQUIRED** for ReportsPlus to run: **(Download Java before Java JDK!)**

- Java (Latest) <https://www.java.com/en/download/>
- Java JDK (JDK 24) <https://www.oracle.com/java/technologies/downloads/>
See more help in [Installation section](#)

The following are **Required** for specific functions:

- [StopThePed](#) (Bejoijo) – Required for receiving a peds ID from game
- [CalloutInterface](#) (opus49) – Required for receiving Callouts from game

If you are doing any kind of customization to .xml, .json, .properties files, I recommend you download something like Sublime Text or Notepad++, as it will be substantially easier to view and edit these files.

Requesting Features/Previewing Early Versions

If you would like to request features, test versions before they are released, seek further support, etc., please join the [ReportsPlus Discord](#) where I post Announcements, Development Updates, Early Versions!

Supporting Me

I currently only have a Patreon as a means of supporting me via <https://www.patreon.com/guess1m>

Do not feel obligated to donate at all I only made this since I've been asked before about it and I **GREATLY** appreciate anybody who goes out of their way to support me.

I intend on always keeping ReportsPlus free for everyone, as I enjoy working on it in my free time :)

Installation

Java/JDK Installation

If you are using two separate systems, they both need java / java JDK

To install Java:

installing Java is straightforward, visit <https://www.java.com/en/download/> and download where it says Download Java.

To install Java JDK:

- 1) Install Java **FIRST**
- 2) Visit <https://www.oracle.com/java/technologies/downloads/>
- 3) Select JDK24
- 4) Select Platform of your computer
- 5) Download ONE of the installers NOT the compressed archive

Photo Example:

The screenshot shows the Oracle JDK 23.0.1 download page. Red arrows and text provide instructions: one arrow points to 'JDK 23' in the top navigation; another points to 'Select Platform of Your Computer' above the OS tabs; a third points to the 'Windows' tab; and a fourth points to the 'x64 Installer' row in the table, with the text 'Download one of the Installers NOT the Compressed Archive'.

Product/file description	File size	Download
x64 Compressed Archive	228.70 MB	https://download.oracle.com/java/23/latest/jdk-23_windows-x64_bin.zip (sha256)
x64 Installer	205.21 MB	https://download.oracle.com/java/23/latest/jdk-23_windows-x64_bin.exe (sha256)
x64 MSI Installer	203.96 MB	https://download.oracle.com/java/23/latest/jdk-23_windows-x64_bin.msi (sha256)

Plugin/Server Installation

- 1) Install Main ReportsPlus file from [ReportsPlus lcpdfr page](#).
- 2) Inside you will see ReportsPlusServer folder which is what you need
- 3) Inside ReportsPlusServer there is a folder Grand Theft Auto V
- 4) Paste the contents of Grand Theft Auto V to your GTA V game directory (Where gta5.exe is)
- 5) You should now see a ReportsPlus directory in your GTA V game directory.
- 6) To launch the Server, launch the ReportsPlusServer jar file inside ReportsPlus

Application Installation

- **Download correct Application installation if using macOS!**

Using Different Computer for MDT (Highly Recommended)

- 1) Install Main ReportsPlus file from [ReportsPlus lcpdfr page](#) on the computer you intend to use as the MDT.
- 2) In the ReportsPlus main file there is a ReportsPlusApplication folder and inside that there is a ReportsPlus folder.
- 3) You can put this ReportsPlus folder wherever you like, though I highly recommend to not put it in a folder that's backed up by something like iCloud or OneDrive since the sync could cause issues.
- 4) To launch the application, launch the ReportsPlus jar file inside the ReportsPlus folder

Using Single Computer

- 1) In the ReportsPlus main file you already downloaded from lcpdfr.com there is another folder; ReportsPlusApplication and inside that there is a ReportsPlus folder.
- 2) You can put this ReportsPlus folder wherever you like, though I highly recommend to not put it in a folder that's backed up by something like iCloud or OneDrive since the sync could cause issues.
- 3) To launch the application, launch the ReportsPlus jar file inside the ReportsPlus folder

Optional Files Installation

New in v1.2-alpha is installing *Ped/Vehicle Images Pack* and the *Sound Pack* directly from the Application.

- This can be done by opening Settings then going to Audio/Optional Settings. You will see two popups at the top to install these optional addons.
 - o You can also download these addons directly from [ReportsPlus lcpdfr page](#)

Sounds Pack-

- Adds sounds to some actions throughout the application, different sounds can be toggled. These sounds can also be changed if you follow the same name as the original file

Images Pack-

- Images pack adds vehicle / ped images to lookup windows and ID's.

Usage

Plugin Usage

If you have already completed the [Plugin/Server Installation](#), you should have the ReportsPlus Plugin inside your plugins/LSPDFR folder which means it should load when you go on duty. This is all that is required to start the plugin.

- You can give peds citations with **U** key (*by default*), see [Plugin Customization](#) for more info

Server Usage

If you have already completed the [Plugin/Server Installation](#) you should have the ReportsPlus folder inside your GTA main directory.

- 1) Inside this folder launch the ReportsPlusServer jar file
 - a. If you have issues launching, make sure you have the [Requirements](#) and check [Troubleshooting](#)
- 2) The Server is put into your Windows System Tray, double click or right click the icon for more info. You can also launch from the Open Dashboard link that is created to launch the Server WebApp.
- 3) You will see the buttons for “Help” and to “Start Server”, click “Start Server” to begin trying to connect, you must have the Server running for the game information to be transferred to the Application
- 4) If you have the Application running the server will try to automatically connect to it after a few seconds. You will know they are connected if both say “Connected”
- 5) If the Application and Server don’t automatically connect after a bit, you can try to [manually connect them](#) or see [Application/Server Wont Connect](#)
- 6) View the Help button on both the Server/Application for more Info

Application Usage

If you have already completed the [Application Installation](#) you can launch the ReportsPlus jar file inside the ReportsPlus folder, wherever you chose to put it.

- 1) Once you open the application you will see a “Login” window, feel free to put any information you want to use, you are able to change this later.
- 2) After you login you will see all the ‘Apps’ on the main desktop which is reminiscent of an actual Desktop. Double click an application to open it
- 3) In the ‘Settings’ app you can customize your background, top bar color, and color of almost everything, as well as much more to customize.
- 4) You can see the server connection status in the top left

Customization

Application

All the extensive customization for the Application can be found in the Settings app. You can find many different options for customizing colors, as well as many of the features the application has.

Custom Reports (NEW v1.4.1-alpha)

New in v1.4.1-alpha is **Custom Reports**, with this you can create your own report formats which are also able to be viewed in the Log Viewer.

- In the **Layout Builder** you can design report windows which you can then view before creating
- Every report must have a 'Numberfield' somewhere in the report, this is where the report number goes so it is required.
- Each field has an optional '*Populate Key*', which designates which code in the Notes app the field will pull its data from when pulling data from notes. Say you put the populate key in a certain field as **number** when you put **-number 123** in your notes window, when you pull from notes it would put 123 into any field with **number** as its populate key.
 - o If you create a transfer to another report, any fields with the same key will transfer. If **Report-One** transfers to **Report-Two**, any fields between the two reports that have the same key will transfer their data from one to two.
- Report Layouts can be exported/imported and are saved in json format. This makes it easy to share report layouts and removes a lot of the time it takes to remake a report if you make a mistake.
- Custom Dropdowns can also be created and can be easily imported/exported.

Make sure if you share a report with custom dropdowns, you also export your Custom Dropdowns and share them with the report! If not, these dropdowns will be blank.

Plugin

Plugin customization can be done via the ReportPlus.ini file in the plugins/LSPDFR folder. As of v1.4.1-alpha:

- **DataRefreshInterval** – *Default: 13000 (13 Seconds)*
 - o This is the amount of time (*In milliseconds*) that occurs between data being retrieved from the game. Lower intervals could cause issues with desync and potentially performance.

- **MenuKey** – *Default: F7*
 - Set the keybind to use to open the ReportsPlus in-game menu. Inside the menu you can:
 - **Adjust ALPR**- Change the settings for the ALPR, also toggle it on/off
 - **Give/Discard Tickets**- Inside the menu if you don't want to use the key binds (which are disabled by default) you can manage tickets from inside the menu.
- **GiveTicket** – *Default: None*
 - Set the keybind to use to give citations (Printed/Parking). If connected to the Server, when you create a citation, a popup will show up on your GTA window indicating you can give the ped or vehicle the citation.
 - **Printed Citation**- Must be given to a ped, goes by their name
 - **Parking Citation**- Must be put on a vehicle, goes by plate #
- **DiscardCitation** – *Default: None*
 - Set the keybind to use to discard a citation after it goes to game.

Localization Customization

The Application can be almost entirely translated via the *locale.properties* file which is in the 'data' folder for the Application. Values appear in the *locale.properties* file as they are loaded in the application so if you are looking to translate the application, download a completed *locale.properties* via the [ReportsPlus Discord](#) in Announcements.

- If you encounter any issues with text being cut off because a translation may be long, let me know and I will fix it.

Lookup Probabilities

The probabilities for the outcomes of lookups can be changed via the 'Probability Settings' button to the top right of either lookup window. Make sure to save or the values will not be saved.

Charges / Citations Customization

Every Charge/Citation that appears in the Arrest/Citation Reports respectively can be changed via the *Charges.xml* and *Citations.xml* files in the 'data' folder for the Application. This is also where the court system gets its values for how long sentences can be, max fine amounts, chance of probation, etc.

The *Charges.xml* and *Citations.xml* follow the **same** formatting as Compulite so as far as I have tested, any charges/citations files that work with Compulite should work with RP.

- Make sure to validate your xml with something like <https://xmllint.com/>

Citations.xml Configuration

Citation Attributes:

- **"name"** is the name of the charge and how it will appear in the application
- **"fine"** defines the maximum fine for that charge
- **"arrestable"** defines if the citation is arrestable

Charges.xml Configuration

Charge Attributes:

- **"name"** is the name of the charge and how it will appear in the application
- **"can_be_warrant"** specifies if the charge is eligible for use in a warrant (true/false).
 - If left unspecified, the default value is set to true.
 - Any charge with "Warrant" in the name is also not considered for being a warrant charge
- **"fine"** defines the maximum fine for that charge
- **"fine_k"** defines the maximum fine for that charge in thousands Ex: fine_k="3" would be a maximum fine of 3000
- **"probation_chance"** chance of the offender receiving probation
- **"min_years"** minimum years of jailtime
- **"max_years"** maximum years of jailtime, can be set to "life"
- **"min_months"** minimum months of jailtime
- **"max_months"** maximum months of jailtime

Traffic Attributes (Only Apply if traffic="true")

- **"susp_chance"** defines the chance that the suspects license will get suspended
- **"min_susp"** defines the minimum license suspension
- **"max_susp"** defines the maximum license suspension
- **"revoke_chance"** defines the chance that the suspects license gets revoked

- You cannot use "fine" and "fine_k" in the same charge

- You cannot use "min_years/max_years" and "min_months/max_months" in the same charge, it is either years or months

Dropdown List Customization

Every dropdown list in the application can be customized via the *customization.json* file that is inside the 'data' folder for the Application. Each key (agencies, ranks, etc.) has an array of values you can change the items in that dropdown list by changing/adding/removing new values.

- Make sure to validate your json with something like <https://jsonlint.com/>

Troubleshooting

Server/Application Won't Connect

Different PC Connection Issues

- 1) [Allow Java Through Firewall](#)
- 2) If you are having issues connecting and are using programs that can change your internal IP or create VPNs, such as "Hamachi," try disabling them to see if this resolves the issue.
- 3) [Check Server Address through CMD](#)

Same PC Connection Issues

- 1) [Allow Java Through Firewall](#)
- 2) [Use localhost instead of a specific address](#)

Java Exception (Can't Launch Server/Application)

The most likely reason 9 times out of 10 that either the Application or Server jar file does not launch or gives you a "Java Exception" on launch is because of an issue with your Java or Java JDK install.

See [Requirements](#) and make sure you downloaded Java **Before** the JDK, if it comes down to it, delete both Java and JDK from your computer and redownload them.

Updating (Highly Recommended to Back up Your Data)

New in v1.2-alpha is the **AutoUpdater (Beta)**. There is an AutoUpdater bundled with both the Application and Server in the *tools* folders (*You must update everything*).

- To update the Application, open the 'Updates' app and run the AutoUpdater Utility. From there you can also update the Server if you select "Update Server", this requires a connection to the Server.
- You can also update the Server via the "AutoUpdate" button that comes up if your version is out of date

You can also manually update if you have issues with the new AutoUpdater by replacing both Application and Server jar files, as well as the Plugin and ini file in plugins/LSPDFR

Further Help

If you require further help, please make a Support post in the [ReportsPlus Discord](#) and I will get back to you ASAP!

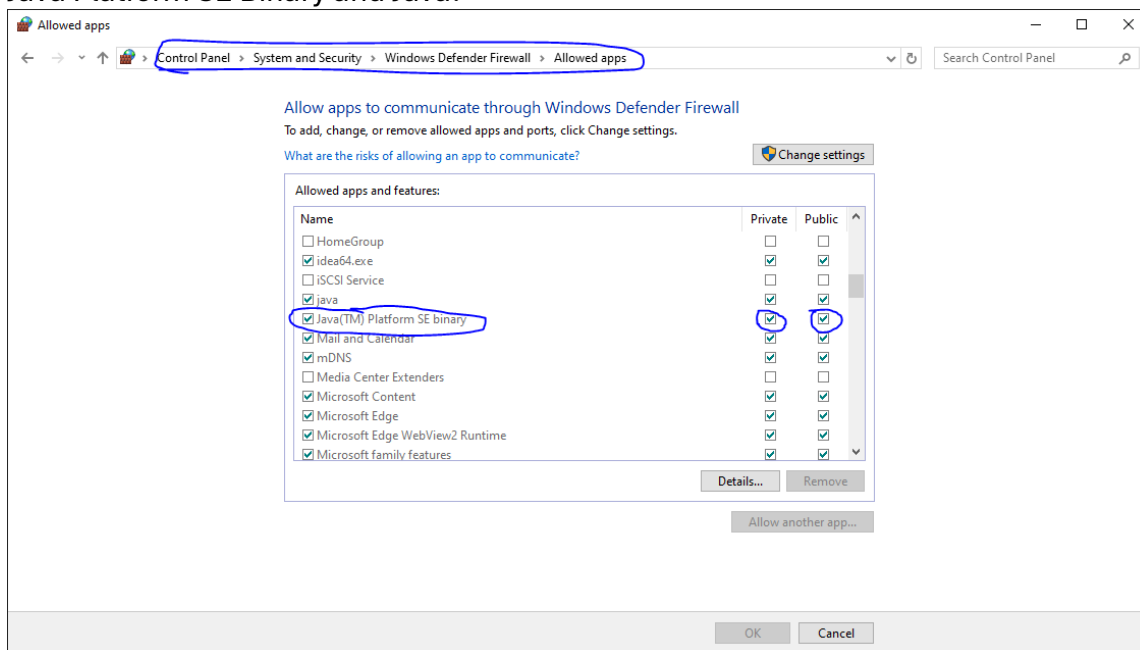
FAQ

Change Port Being Used to Connect

- 1) In the server you can change the port you are using in the 'Preferred Port' field. You can try going up a digit or two and see if that port works.

Allowing Java Through Firewall

Go to this location in your control panel and make sure Private and Public are checked for Java Platform SE Binary and Java:



Use Localhost to Connect on the Same Computer

- 1) Try to [manually connect the Server and Application](#), but in the Application 'Input Address' field put **localhost** instead of the address the Server displays

Check Server Address Through Terminal

It is possible that the server can pull the incorrect internal address of the computer running the Server/GTA. This can be caused by numerous things such as running a VPN. You can try to instead see the address the device is using by using ipconfig in your terminal/CMD prompt.

This should be done on the computer running the Server

macOS:

- 1) open Terminal and type:
ifconfig en0 | grep 'inet ' | grep -v '127.0.0.1' | awk '{print \$2}'
- 2) Then press enter, this command will print out what the local IP is of the device, then manually connect to the application and use this address instead of the one the Server Displays

Windows:

- 1) Open Command Prompt and type:
ipconfig | findstr /R /C:"IPv4"
- 2) Then press enter, this command will print out what the local IP is of the device, then manually connect to the application and use this address instead of the one the Server Displays

Manually Connect Server/Application

- 1) To manually connect the Server and Application, ensure they are both running, and open the 'Server' app on the Application
- 2) You will see a view that is like that of the Server, In the 'Input Port' field, put the Preferred Port that the server is using
- 3) In the 'Input Address' field put the address the Server is giving you in the 'Your Internal Address' field
- 4) Start the Server, then try and connect from the Application
- 5) View the Help button on both the Server/Application for more Info

Check Which Application Version to Install

There are two version of the Application file, those that will run on M-Chip macOS and the optional x86_x64 version which will run on Intel chip macOS. To check which to download if you don't know:

- 1) Click on the Apple Menu all the way in the top-left corner of your screen.
- 2) Select **"About This Mac"**

- 3) In the window that appears, look for the processor or chip information.
- 4) If it says Intel, your Mac is **x86_x64** (Intel Chip), you need the optional x86_x64 version
- 5) If it says Apple M1 (or any M-Series chip), your mac is **arm64**, you can download the regular download.