

Track Forever Enterprise Mobile Application



User Manual Draft

Version 4.0.5

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INVINCIBLE TECHNOLOGIES (SMC-PVT) LTD

Invincible People, Invincible Technologies & Invincible Solutions
We develop solutions that reach beyond physical boundaries using state of the art internet,
intranet, GSM, GIS, GPS and related technologies.

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1. Introduction

Track Forever™ is an enterprise grade GSM/GPRS based GPS asset tracking software solution that help corporations of all scales to track their immovable or moveable assets (rails, truck, car, bikes, bicycles etc) in an automated and efficient way. By using this software user can administrate, monitor, communicate, regulate and control fleet. Most of the tasks are automated and require less human interaction.

2. Track Forever Enterprise Mobile App Setup

This is control center software application and is a subsystem of Track Forever Enterprise Software Suite. Track Forever Enterprise Server with version 4.0.5 introduces following additional applications and features:

1. Track Forever Enterprise (Mobile) App Service
2. Track Forever Enterprise App Communicator
3. Track Forever Enterprise Android Mobile App

In order to run android mobile application, configure App Service and Communicator on designated ports with authorizing mobile app accounts.

3. Installing Software

Track Forever Enterprise App Service and Communicator (are distributed) with Track Forever Enterprise Server. Android mobile .apk file is also distributed with server installation.

For mobile app to work with app service use "app.json" included in distribution with changes in ip address and port settings then place in android "android\data\com.invincibletec.trackforever\files" folder in internal storage.

4. Uninstalling Software

- 1) You may uninstall software via "Add/Remove Programs" in control panel.

5. Minimum Requirements

The software and hardware prerequisites for installing Track Forever on a Windows system are as follows:

- 1) Windows Server 2003/08/12, Microsoft XP, Vista, or Windows 7/8/10;
- 2) Pentium-compatible PC with 1.8GHz or better clock speed;
- 3) Minimum 512MB RAM recommended;
- 4) Up to 1 GB empty hard disk space;
- 5) 1024x768 resolution (higher resolution recommended), with 16bit or better color depth.

6. Running Mobile Application Service

After successful installation, user must start applications in following order:

1. Track Forever Enterprise Server
2. Track Forever Enterprise App Service (optional)
3. Track Forever Enterprise App Communicator (optional)
4. Track Forever Enterprise Modem Server (optional)
5. Track Forever Enterprise Client

Communicator and App Service coordinate for mobile app service and android applications. Make sure App Service is available before communicator is started. You may also set an auto-ping connection recovery mechanism between server and communicator. Read "Track Forever Enterprise Server" user manual for further details.

7. Mobile App (Commands)

Mobile App commands will work when devices (Tracking Devices) are configured with following commands in "Track Forever Enterprise Administrator" using "Devices->Manage Track Commands" menu item.

User must configure following tracking commands using Track Forever Administrator application:

1. "LOCATION"
2. "ARM"
3. "DISARM"
4. "ENGINE_OFF"
5. "ENGINE_ON"

The screenshot shows a window titled "Tracker Commands Management Form" with a sub-header "Manage Tracker Commands". A dropdown menu at the top shows "SuperGaurd-VT02 - 51993". Below this is a table with three columns: "Tracker ID", "Command ID", and "Syntax". The table lists 13 commands for "SuperGaurd-VT02". At the bottom, it says "Total Records = 27" and has buttons for "Save", "Enable Addition", "Close", and "Refresh". The status bar at the bottom says "Ready."

Tracker ID	Command ID	Syntax
SuperGaurd-VT02	Always Report Battery Cut Alarm	\$BATCUT,1
SuperGaurd-VT02	Clear Settings	\$CLR
SuperGaurd-VT02	Disable Auto Security	\$ARM,0
SuperGaurd-VT02	Disable Engine	\$ENG,1
SuperGaurd-VT02	Disable Power Saving Mode	\$PSAV,1
SuperGaurd-VT02	Disable Security	\$ARM,0
SuperGaurd-VT02	Enable Auto Security	%{0}ARM,1ID_RAND8
SuperGaurd-VT02	Enable Engine	\$ENG,0
SuperGaurd-VT02	Enable GPRS Reporting Mode	\$GPRS,1
SuperGaurd-VT02	Enable Power Saving Mode	\$PSAV,0
SuperGaurd-VT02	Enable Security	\$ARM,1
SuperGaurd-VT02	Enable SMS Autoreporting	\$GPRS,0

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For support and product related inquiries please write at support@invincibletec.com