

WAY Device Locator

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Getting Started

Overview

Once you have installed WAY on a device, you can track its location by way of text messages. If you lose your device you can send an SMS to WAY from any other phone. The software will intercept the message sent, get the geographical coordinates from the device's GPS and reply to you with an SMS detailing the latitude and longitude of your device. This is very useful for finding lost devices or indeed locating vulnerable people for peace of mind. From the coordinates given, you can easily trace an actual address through reverse geocoding (see section [Find the address from the geographical coordinates](#)).

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How does it work

WAY runs on the device which needs to be monitored. Once installed different options can be set according to your requirements. Messages can be intercepted continuously even if the application is not running, or they can be intercepted only while the application is open, or interception can be disabled altogether.

When enabled, WAY will intercept messages containing a specific text which you define in the SMS screen of the application. When a message arrives WAY will check where the Pocket PC is and will send the location in a text message.

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Requirements

Device: Pocket PC

OS: Windows Mobile 6 or higher

Software: .NET Compact Framework 2.0 Redistributable (this is freely available from Microsoft at <http://www.microsoft.com/downloads/details.aspx?FamilyID=9655156b-356b-4a2c-857c-e62f50ae9a55&DisplayLang=en>)

Hardware: GPS, SMS facility

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Install

CAB Installer: Copy the cab file to your device (via ActiveSync or Windows Mobile Center), then run the cab on the device.

MSI Installer: Connect your device to your desktop or laptop, download and launch the msi file from your desktop or laptop to install WAY (requires ActiveSync).

WAY will install in the Program Files folder of your device or a storage card depending on what you chose during installation. Once installation is complete it is recommended that you keep a backup of the original setup file.

To start intercepting messages go to Start > Programs > WAY to launch the application and configure the message filter.

If you are prompted for a licence, copy the file (which you were sent upon purchase or provided with the trial version) onto your device, launch WAY and when prompted browse to it from the file dialog presented. Licences have file extension lic.

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Uninstall

Start > Settings > System tab > Remove Programs > [Select CSfm WAY] > Remove

Note: before removing the program you need to stop the message interceptor: launch WAY > Start/Stop tab > click Stop). This ensures that the interceptor will stop checking messages in the background.

Sometimes the list of Programs in the Remove Programs does not display the last installed program, close it and reopen it a couple of times to show the correct list.

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How do I...

Change the SMS message to intercept

WAY > SMS > [your message] > Apply.

Launch WAY, select the "SMS" tab, modify the message by typing your preferred message in the textbox, and then click "Apply".

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Change when SMS messages are intercepted

WAY > Options > [At all times/Only when WAY is running] > Save changes.

Launch WAY, go to the "Options" tab and select one of the ways messages can be intercepted: "At all times" means that incoming SMSs will be intercepted even when the application is closed, "Only when WAY is running" means that messages will not be received by WAY once the application exits.

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Start or stop intercepting SMS messages

WAY > Start/Stop > Start.

WAY > Start/Stop > Stop.

To stop message interception, launch WAY, go to "Start/Stop" tab and click on "Stop" button. To start

message interception click on "Start" button. These settings are saved when closing the application and restored when opening WAY. Closing the application through WAY > Menu > Exit, will stop an interceptor which is running "Only when WAY is running" (Options tab), i.e. while the program is open, but it will not stop a persistent interceptor which is always running in the background. View the Status tab or the StatusLog file in your device Application Data > CSfm > WAY to see the times when message interception starts and stops.

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Locate my device

Once you have installed WAY on the device you need to monitor, send a text message using another phone; in the message body type in the words you specified in WAY under "SMS". You will receive a reply message with the geographical coordinates if your device is switched on.

Use the coordinates for reverse geocoding to get a postal address of the location (see section [Find the address from the geographical coordinates](#)).

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Find the address from the geographical coordinates

From the coordinates sent by WAY you can easily trace an actual address through reverse geocoding. If you have TomTom or similar navigator software you can copy and paste the coordinates to find the actual position on a map. There are also web sites such as TravelGIS.com that provide this service free of charge.

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