

QUICK START
USER GUIDE

Shadow Tracker TM
Tracker Extractor *Version 2*



Product Key:

--

Copyright © 2003, Advanced Tracking Technologies, Inc.

All Rights Reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the prior written permission of Advanced Tracking Technologies, Inc.

ATTI, Advanced Tracking Technologies, Shadow Tracker, MobilEyes and Time Traveler are trademarks of Advanced Tracking Technologies, Inc.

Microsoft, Windows and the Windows logo are registered trademarks of the Microsoft Corporation.

Pentium is the registered trademark of Intel Corporation.

Other brands and products are trademarks of their prospective holders.

Minimum System Requirements

Windows® 95, 98, NT (Service Pack 6 or higher),
2000 (Service Pack 3 or higher), ME

486 Processor
16 MB min. (32 MB recommended)
10 MB min. free HD space (50 MB recommended)
CD ROM or Floppy drive
VGA Monitor
(1) open 9 pin COM port

TABLE OF CONTENTS

Introduction

Getting Started 2

Software Installation

Begin installation
4
SoftLock
6

Extractor Utilities

Set Port
8
Data Flow
..... 10
Set Location
11
Download
..... 12
Move
12

Performing a Download 13

INTRODUCTION

Tracker Extractor is a compact program that provides a convenient way to download the GPS data collected by your tracking units without having to remove them from the vehicle. It can be installed on any Notebook Computer which meets the minimum system requirements listed in the front of this manual.

Tracker Extractor is designed to be used with either the **Shadow Tracker™ Professional** or **Shadow Tracker™ Lite** software programs for downloading the **Shadow Tracker™ Jr, Pro** and **Performer** tracking units.

Once **Tracker Extractor** has been installed and configured, the Notebook can then be used to connect directly to each tracking unit to download GPS and other data. **Tracker Extractor** creates and stores a GPS data file for each tracking unit that is downloaded. These GPS data files can then be uploaded directly to the Base Computer **or** e-mailed to another location for final processing into the database.

This manual will outline the steps necessary to properly install, setup and configure **Tracker Extractor**, as well as how to perform a download from the tracking unit to the Notebook and an upload from the Notebook to the **Shadow Tracker™** software program you are using.



Important: The Base Computer is where your **Shadow Tracker™ Professional** or **Shadow Tracker™ Lite** software program has been installed. GPS data extracted from a tracking unit with **Tracker Extractor** is not viewable as Historical Tracks or Reports until it has been processed into the database using your **Shadow Tracker™** software program.



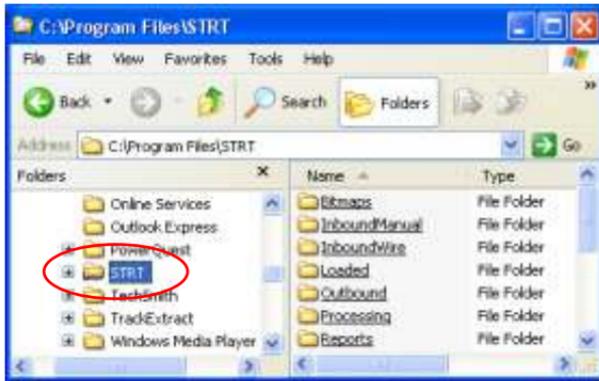
Note: If you have **Shadow Tracker™ Professional** configured as a Client/Server install type, the Base Computer

GETTING STARTED

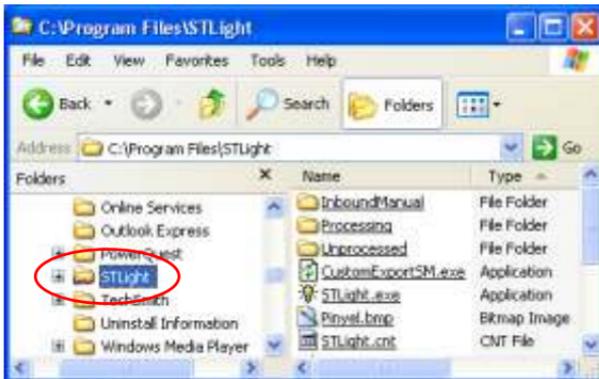
1. On the Base Computer enable the **Shadow Tracker™** program folder as a shared resource. (below)

The default location for this folder is:

Shadow Tracker™ Professional “C:\Program Files\STRT”



Shadow Tracker™ Lite “C:\Program Files\STLight”



INTRODUCTION

2. Turn on the Notebook Computer and connect it to the Base Computer.
3. Map a drive letter to the **Shadow Tracker™** program folder



enabled as a shared resource. (below)

Note: If you are not sure how to do this, contact your

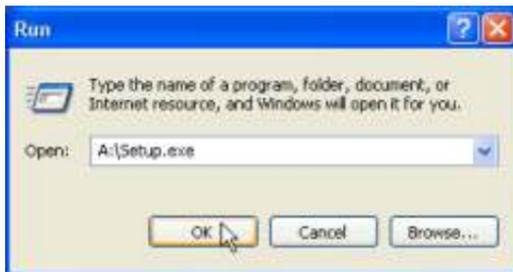
Network Administrator.

BEGIN INSTALLATION

Installation is performed by using the (2) **Tracker Extractor** diskettes.

Make sure you have closed all open programs, including those that run in the background, such as screen savers.

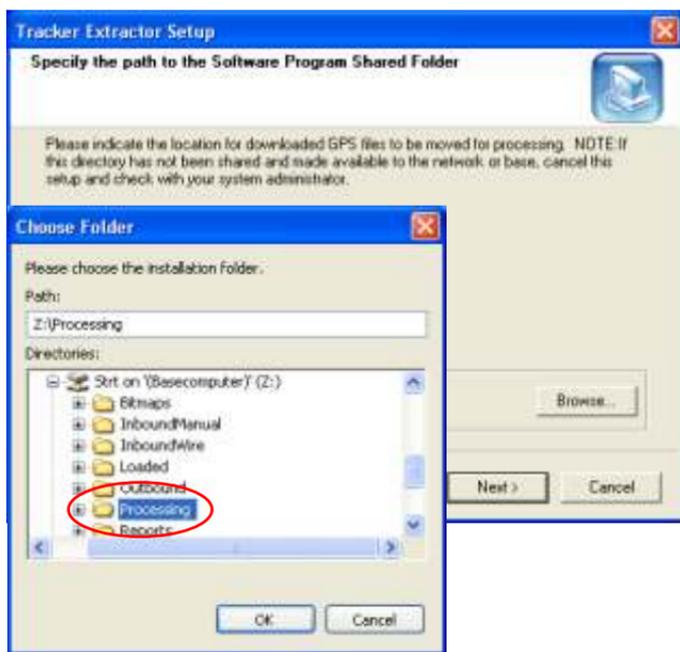
1. Insert Disk 1 into the floppy disk drive of your Notebook Computer.
2. Click **Start**, then click **Run...**



3. In **Open**, type the drive letter of your floppy drive and ":\Setup.exe"
(i.e. A:\Setup.exe.). Or click **Browse** to locate Setup.exe.
(below)
4. Click **OK** and follow the screen prompts.
5. At the Registration screen enter your Name, Company and in **Prod. Key** enter the Product Key located on the inside front cover of this manual. Click **Next**.

SOFTWARE INSTALLATION

- Choose a destination location for the **Tracker Extractor** program and click **Next** to begin the installation.



- When prompted, remove Disk 1 and insert Disk 2. Click **OK**.
- Next, you will be prompted to "Specify the path to the

SOFTLOCK

To complete the installation, open the **Tracker Extractor** program.

1. Click **Start**, point to **Programs**, point to **Tracker Extractor**, and then click **Tracker Extractor**.

The first time **Tracker Extractor** is opened the SoftLock screen



will appear. (below) Here a unique **Site Key** will be displayed. To unlock the **Tracker Extractor** program you must contact Advanced Tracking Technologies Technical Support by phone, fax or e-mail. The contact information is located in the SoftLock screen. When you provide Technical Support with your Site Key you will be given a corresponding Serial Key to activate this installation.

SOFTWARE INSTALLATION

2. Enter the Serial Key in the space provided. Click **OK**.



The SoftLock will be removed and the **Tracker Extractor** interface will open.(below)

1.  Disconnect the Notebook from the Base Computer.

Note: **Tracker Extractor** includes one user license. You may only install the program on one computer. Each time the program is installed a unique Site Key is generated. Whenever the program is loaded for the first time you will

be prompted for the corresponding Serial Key which must be obtained from Advanced Tracking Technologies Inc., Technical Support.

In order to download GPS data you must indicate which Com Port the Notebook Computer will be using to connect to the tracking units. This is done using the Set Port utility.

SET PORT

To set the Com Port:

If you know the Com Port # on the Notebook Computer you will be using:

1. Click the **Set Port** button.
2. Click **Edit**, choose the correct Com Port # from the drop down list and click **Save**. Click **Close** to exit the Set Port utility.

If you DO NOT know the Com Port #:

1. Connect a tracking unit to the Notebook using the tracking units Download/Validation cable.
 - Connect the Download/Validation cable to the Com Port on the Notebook using the 9-pin serial connection. Tighten securely.

EXTRACTOR UTILITIES

- Connect the other end of the Download/Validation



cable to the tracking unit at the connection marked "Data" or "Data Connector".

2. Click the **Set Port** button.
3. Click **Detect** to allow **Tracker Extractor** to determine the Com Port #. (below)

4. When the Com Port has been detected click **Close** to save the changes and close the Set Port utility.

Note: To use the Detect feature you must have a tracking unit powered up and connected to the Notebook Computer. At this point the **Tracker Extractor** installation and configuration is complete. The necessary settings have been made and all that remains is to become familiar with the program features.

As explained in the introduction, before the GPS data from a tracking unit can be viewed as a Historical Track or used to create Reports it must be processed using your **Shadow Tracker™** software program.

DATA FLOW

The complete cycle of extracting the GPS data from the tracking unit thru to final processing is as follows:

1. The Notebook Computer is connected to the tracking unit and the **Tracker Extractor** program is opened.
2. GPS data is “Downloaded” from the tracking unit using the **Tracker Extractor** Download utility.
3. The Download utility extracts the GPS data from the tracking unit and creates a GPS data file. This GPS data file is placed in the **Download To:** location on the Notebook Computer.
4. When all the tracking units have been downloaded the Notebook Computer is then connected to the Base Computer.
5. The Move utility is used to “Upload” the GPS data files from

EXTRACTOR UTILITIES

the **Download To**: location on the Notebook Computer to the
Move To: location on the Base Computer for final processing.

6. The **Shadow Tracker**[™] software program is then used to process the GPS data files into the database.
7. When this is completed the GPS data may be accessed to create and view Historical Tracks and Reports.

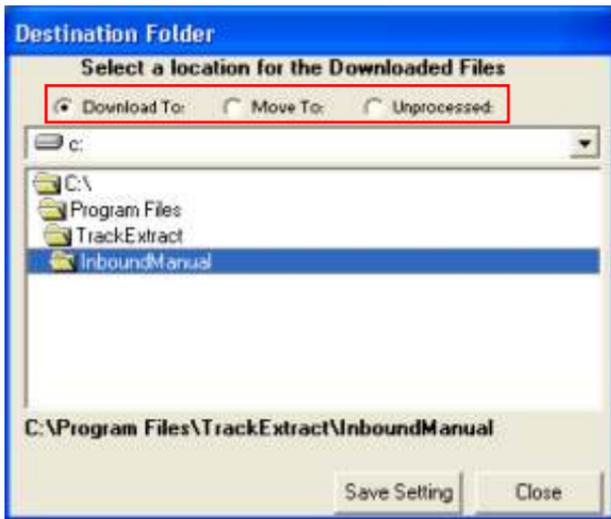
SET LOCATION

The Set Location utility is used to control and modify where **Tracker Extractor** places your GPS data files at various stages of processing. It is used to set the Destination Folder location for the following operations:

Download To: The destination folder location where all GPS data files are placed on the Notebook Computer after being downloaded from the tracking units. These files will have a “.GPS” extension. The default destination folder location is “C:\Program Files\TrackExtract\InboundManual”.

Move To: The destination folder location where your downloaded GPS data files will be moved to for final processing.

The default destination folder location, depending of the **Shadow Tracker**[™] software program you are using, is the **Processing** folder located *inside* the shared **STRT** or **STLight** program folder on the Base Computer.



Unprocessed: Sets the folder location where files will be placed when a tracking unit download is attempted and it is determined that there was no data on the unit or there was a problem with the file. These files will have a “.TEUPP” extension. The default destination folder location is “C:\Program Files\TrackExtract\Unprocessed” on the Notebook Computer.

To change a Destination Folder Location:

- 1) From the Tracker Extractor window click **Set Location**.
- 2) Select the appropriate radio button at the top of the Destination Folder window. – **Download To:**, **Move To:**, or **Unprocessed:**.(above right)
- 3) Select the appropriate drive letter from the drop-down menu.
- 4) In the navigation window navigate to the appropriate folder by double-clicking the folder icons to expand or shrink the

PERFORMING A DOWNLOAD

selection. Pay attention to the path displayed across the bottom of the navigation window. This is the path that will be set when you save the setting.

5) Click **Save Setting**.

DOWNLOAD

The Download utility begins GPS data extraction from the tracking unit.

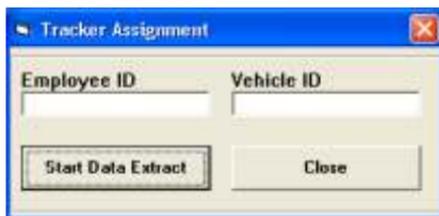
MOVE

The Move utility transfers downloaded GPS data files from the Notebook Computer's **Download To** location to the **Move To** location on the Base Computer for final processing.

PERFORMING A DOWNLOAD

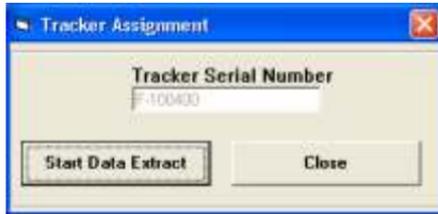
1. Connect the Notebook Computer to the tracking unit using the Download/Validation cable supplied with the unit.

Note: The tracking unit must be connected to a power supply to be downloaded.



PERFORMING AN UPLOAD

2. Open the **Tracker Extractor** program. Click **Start**, point to **Programs**, point to **Tracker Extractor**, and then click



Tracker Extractor.

3. Under **Select a Program** select the **Shadow Tracker™** software program that will be used for final processing.

4. Click **Download**.

5. Tracker Assignment:

Shadow Tracker™ Professional

Enter the appropriate Employee ID and Vehicle ID for the tracking unit you are connected to and click **Start Data Extraction**. (below)

Shadow Tracker™ Lite

Click **Start Data Extraction**. (below)

A GPS data file will be created and placed in the **Download To** location.

6. Repeat steps 1–5 until all the tracking units have been downloaded.

PERFORMING AN UPLOAD

1. Connect the Notebook Computer to the Base Computer by either a direct serial or network connection.
2. Click **Move** to transfer all GPS data files in the **Download To** location on the Notebook Computer to the **Move To** location on the Base Computer.

Once the GPS data files have been successfully Uploaded, they are ready to be processed into the database with the **Shadow**



Message Box

Tracker™ software program.

For instructions on how to perform final processing of GPS data files please refer to the Help files located in the **Shadow**

Tracker Extractor Version 2
Quick Start User Guide
Manual Number: M-21609
Revision: 4/28/2003



P.O.Box 168
Sugar Land, Texas 77487
Tel: (713) 353-6065
Fax: (713) 353-6050
www.AdvanTrack.com