



For More Information Contact Us 161 Roger St. Waterloo, Ontario, N2J 1B1, Canada Toll Free: 1-877-273-7483 info@drivesync.net

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### 1.0 Welcome to DriveSync™

Thank you for choosing DriveSync<sup>M</sup>. Whether for family, personal or commercial fleet use, DriveSync<sup>M</sup> tracks the route, mileage and speeds of each vehicle trip. You'll know exactly when, where and how your vehicle is being driven – every time it's on the road. This information provides you with a clear picture of vehicle use and driver behavior. With that knowledge comes peace of mind; which makes handing the car keys over to your teen, friend or employee a whole lot easier.

### 1.1 About DriveSync<sup>™</sup> Client

This guide describes installation and use of *DriveSync<sup>TM</sup> Client* software. This application is required to create one or more client accounts for transferring *vehicle usage data* from your data key to the DriveSync<sup>TM</sup> server for processing. A quick shortcut within *DriveSync<sup>TM</sup> Client* provides access to the *DriveSync<sup>TM</sup> Web Portal*, where you can log in and view an assortment of informative driving reports, route maps and other useful summaries generated by the server.

### 1.2 DriveSync<sup>™</sup> Client Software License Agreement

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### 2 INTRODUCTION

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### 2.0 Before You Begin

Please note the following before attempting to install DriveSync™ Client:

- □ DriveSync<sup>™</sup> Client requires Windows<sup>™</sup> 2000 or Windows<sup>™</sup> XP; other operating systems are not currently supported.
- **u** You need Administrative rights for installation and device driver testing.
- □ Older versions of *DriveSync<sup>™</sup> Client* (v2.3.14 or lower) previously installed under another Windows<sup>™</sup> user account and restricted with the "Just Me" accessibility option will no longer function properly after your installation of *DriveSync<sup>™</sup> Client* v2.4 or higher—such versions should be removed. For best results, log on as that user and use Windows<sup>™</sup> "Add/Remove Programs" utility to delete the old *DriveSync<sup>™</sup> Client* prior to installing *DriveSync<sup>™</sup> Client* v2.4 or higher. NOTE: A reminder will also pop up if one of these old versions is detected on your system during installation.
- □ Remove the *DriveSync*<sup>™</sup> data key from your computer USB port
- □ As desired during installation, use the Back button to return to the previous window, or use the Cancel button to stop installation.

#### 2.1 Installation Procedure

- 1. Place the *DriveSync*<sup>™</sup> CD in your computer's CD drive and follow the prompts to start the installation process.
- A CD-drive window containing the *DriveSync™* icon will appear; double-click the icon.

3. In the Attention dialog box

click Yes.

requesting a temporary folder.



NOTE: At this point, if another Windows user has previously installed an older version of DriveSync<sup>™</sup> Client on your PC, you will see a warning message explaining that the older software will be damaged by the current installation. For best results, click "No" to stop the installation, then log in as that user and use "Add/Remove Programs" to delete the older version before resuming a new install. Otherwise, click "Yes" to continue with your installation, noting that the older version will no longer function normally.

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4. The first DriveSync<sup>™</sup> Installation window will appear (see right), briefly displaying the extraction of files, and will be followed by the Welcome window.



5. In the *Welcome* window, click *Next*.



6. The *DriveSync™ Logo* window will appear; click *Next* to continue.



# INSTALLING DriveSync™ Client 5

@ DriveSync

7. The *License Agreement* window will appear. Please read this license carefully—it is also reprinted in this manual for your convenience.

If you accept the license terms, click "*I Agree*" and *Next*.

 In the Installation Options window, select the desired DriveSync<sup>™</sup> start-up options by entering a checkmark in the corresponding checkbox. Click Next to accept and continue.

License Agreement	t
	TriveSync™
Please take a moment to read th Agree'', then "Next". Otherwise (	e license agreement now. If you accept the terms below, click "1 click "Cancet".
SOFTWARE LICENS	E
This legal document i individual or business Mechatronic Systems or installed on a deskt	s an agreement between the end user, an entity, "LICENSEE", and Intelligent s Inc., regarding the software downloaded and top computer which enables data upload of
< i Do Not Agree	Const Dark Market
P DriveSync	
Installation Options	5
	<sup>™</sup> DriveSvnc <sup>™</sup>
	Direbyne
Please specify the following:	
Launch DriveSync after in:	stallation.
Create a desktop shortcut	for DriveSync.
	Cancel < Back Next > N
P DriveSync	
Select Installation I	Folder
	D .:
	DriveSync
The installer will install DriveSync	to the following folder.
To install in this folder, click "New	xt". To install to a different folder, enter it below or click "Browse".
Eolder:	
Eolder:	Aechatronic Sustems\DriveSunc\Browse

2

Cancel

9. In the Select Installation Folder window, note the default installation path shown (see example). If this location is acceptable to you, click Next to continue with the installation. To select a different location, click Browse. Or, to check your available disk space, click Disk Cost.

DriveSync™ Client User Guide

Disk Cost.

Next >

# 6 INSTALLING DriveSync<sup>™</sup> Client

(OPTIONAL) In the *Browse* window, use the drop down menu to select a different installation location, if desired. Click on the location—its path will appear in the data field. Click *OK*.



10. In the *Confirm Installation* window, click *Next* to start the installation process.

륗 DriveSync		
Confirm Installation		
The installer is ready to install Drive	Sync on your computer.	
Click "Next" to start the installation		
	Cancel < Back	Next >
를 DriveSync		-
Installing DriveSync		
	(DriveSync <sup>**</sup>	
DriveSync is being installed.		
Please wait		
		R
		R

The *Installing DriveSync™* window shows the progress of the installation. When the progress bar is filled, the next window will appear automatically.

# INSTALLING DriveSync™ Client 7

11. In the Installation Complete window, click Close to exit. Depending on your setting in the Installation Options window (refer back to Step 8), DriveSync<sup>™</sup> Client will either launch immediately, or will remain closed until you start it from the desktop.

Installation Comple	ete			
		Drive	Sync™	
DriveSync has been successful	ly installed.			
Click "Close" to exit.				
To run DriveSunc click "Start".	"All Programs"	' and then sele	ct "DriveSvnc".	
	-			
			· · · · · ·	
		Cancel	< Back	Close

### 3.0 First Launch of DriveSync Client™

the data key driver.

NOTES: 1) If you selected the "Launch DriveSync<sup>™</sup> Client after installation" checkbox in the Installation Options window, the initial start-up described below begins immediately after your installation. 2) By default, your DriveSync<sup>™</sup> Client version is automatically checked for version information, and any available upgrade offered. See <u>Section 7, Upgrading DriveSync<sup>™</sup> Client</u> for details.

Your installation of  $DriveSync^{TM}$  Client has included an auto-install of USB device drivers needed for the  $DriveSync^{TM}$  data key. These drivers are auto-configured (i.e., mapped to the device) by Windows<sup>TM</sup> XP/2000 the first time you insert the data key and start  $DriveSync^{TM}$  Client. The application then confirms the proper drivers by running a brief **DriveSync<sup>TM</sup> Device Driver Test** before continuing with the first launch of *DriveSync^{TM}* Client. See below:

1. Start *DriveSync™ Client* by selecting the *DriveSync™* icon from your desktop or by using your Start menu *DriveSync™* program folder group.

2.	In the DriveSync™ Device Driver Test dialog box, click <b>Run</b> .	DriveSync Device Driver Test Welcome to DriveSyncl Before you begin to use the DriveSync Software we need to verify that your DriveSync Device Drivers have been correctly installed. To run the test, click the 'Run' button. Run Exit
Ren F	ninder Reminder: Please ensure the the DriveSync Da	X         taKey is connected to your computer and click OK to continue.         Cancel
3.	If you have not already done so, insert the <i>DriveSync</i> <sup>™</sup> data key into one of your computer's USB ports. In the data key <i>Reminder</i> dialog box (above), click <i>OK</i> to resume the device driver test. Windows <sup>™</sup> XP/2000 will display small "Found New Hardware" bubble message in the lower right corner of your desktop as the operating system configures	DriveSync Device Driver Test If the Window's Device Driver Dialog appears please complete the installation and retry Device Driver Test. For more information please see the DriveSync Installation Manual a Stating Test

# 10 FIRST LAUNCH OF DriveSync™ Client.

4. When Windows™ XP/2000 has finished and DriveSync™ Client has confirmed, the Success dialog box will appear. This indicates that the device driver for your data key is properly mapped and confirmed. Click OK.



NOTE: In the rare case of a test failure, there may be a problem with your USB port or DriveSync<sup>TM</sup> Client installation. First check the USB port by swapping in a known working USB device (such as a mouse) at the intended port. If this device is OK, refer to <u>Section 8, Help and Troubleshooting</u> for help—do not attempt to reinstall DriveSync<sup>TM</sup> Client until you have read this section.

5. Restart *DriveSync™ Client*. You are now ready to register a *DriveSync™* account.

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#### 4.0 Creating and Registering Your Account

Your first step in using *DriveSync™ Client* is to create and register a *DriveSync™* client account. A valid account enables the secure client/server communications you will need for typical *DriveSync™* tasks such as the transfer and viewing of data.

- 1. Start *DriveSync™ Client* by selecting the *DriveSync™* icon from your desktop or by using your Start menu *DriveSync™* program folder group.
- 2. Insert your DriveSync<sup>™</sup> data key into a USB port on your computer.



st Name Doe				Email Address	jdoe@intel	imec.com	
er ID 🔽 JDoe			Password	*****	Re-en	ter Password	*****
curity Question	'hat is my favourite	e ice cream?		<ul> <li>Security</li> </ul>	Answer Ma	yan Chocolati	2
me Phone 905-55	5-1234	Work Phon	e 905-555	-1234	Cell Pho	ne 905-55	5-1234
ress							
dress One 123 M	ain St.						
dress Two							
y Troy	Country	United States of	▼ Province,	State Michigan	*	Postal/Zip C	ode 48084
and Address							
eck this box if you	vould like to enter	a second address					
dress One							
dress Two							
у	Country		- Province	/State	7	Postal/Zip C	ode
de							
3 KIA SEDONA							Select Vehicle

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NOTES: 1) Data fields are highlighted in red until you have entered valid data. 2) User ID defaults to your email address; to change it, activate the User ID check box and enter a new name. Make a note of your User ID and Password, as you will need this login later in order to access personal reports and routes via the DriveSync<sup>™</sup> Web Portal.

- 5. When you have entered all necessary data, click Select Vehicle.
- In the Select Vehicle window, use the drop down menus to select the descriptions representing your vehicle. Enter all data; click Add Vehicle, and go directly to Step 8.

Or, if your vehicle is not listed, click *Select Custom Vehicle* and go to Step 7.

Select Vehicle
Vehide Year 2006 💌 Select Custom Vehide Reset List
Make VOLKSWAGEN
Model NEW BEETLE TDI DIESEL
Class Sub Compact  Engine Size 1.9
Cylinders 4 💌 Gas Type Diesel 💌
Transmission Automatic w/ manual mode
Odometer 5432 VIN
Color Lic Plate Prov/State
Add Vehicle Cancel

7. If necessary, use the *Add Custom Vehicle* window for entering your vehicle data; click *OK*.

Year		_
Make	6	
Model		_
Class		
Engine Size		
Cylinders		
Gas Type		
Transmission		_

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1

8. In the *Vehicle Verification* window, click **Yes** if all information is correct.

Vehicle Verification
Is the vehicle information correct?
Year: 2006
Make: Chrysler
Model: 300
Class: Full-size
Engine Size: 3.5
Cylinders: 6
Gas Type: Regular gasoline
Transmission: Electronic automatic
Odometer: 0
VIN: N/A
Yes No

- 9. In the Create New Account window, click Create Account.
- 10. In the User Verification window, click Yes if all information is correct.

User Verification	X
Is the personal informat Salutation: Ms. First Name: Jane Last Name: Doe E-Mail: jdoe@intellimec.c User ID: JDoe Security Question: What Security Question: What Security Question: What Security Question: Mhat Security Question: Mhat Home Phone: 905-555-1 Cell Phone: 905-555-1 Cell Phone: 905-555-12 Primary Address Street Address City: Troy Province/State Country: Unite Postal/Zip Coo	ion correct? iom : is my favourite ice cream? ar: Mayan Chocolate 234 234 34 s One: 123 Main St. e: Michigan ed States of America fe: 48084
Yes	No

11. In the warning window (below), click OK.

Reminder			<u>&gt;</u>
Reminder: Please ensure the t	he DriveSync DataKey is	connected to your	computer and click OK to continue.
	OK ,	Cancel	
		Cantoci	

12. In the Success window (below), click OK.

Success	X
Your temporary DriveSync Acc activate your DriveSync accou Email.	unt has been created and an activation email has been sent to your email address. To t please open your email account and follow the instructions in the DriveSync Activation $\int_0^\infty$
	ОК

### 14 CREATING AND REGISTERING YOUR ACCOUNT .

 13. A return email notification will be sent to the email address you supplied. This indicates that your *DriveSync™ Client* account has been successfully registered. Activate the account by clicking on the URL provided in the email. *Note: you cannot log into the DriveSync™ Web Portal until you activate your account.*

Reply to activate your account - Hessage (Plain Text)	.0.8
Be Edt Vew Freet Formy Jook Actors Help	
Broky Brecky to Al D Forgard B V Y D X + + + A' W	
From: CustonerService@drivesync.net	Sent: Wed 9/6/2006 5:03 PM
fer fer	
Subject: Reply to activate your account	
ueer idi	2
email: You have signed up for a DriveSync account. To activate your account, simply	y click the following URL:
https://rsmzzz.com/servlet/UserSignOpActivated?	
xey=-32760333210170234184 11530 54313061 127548355605 23179684 7300701855 655531778 53 8115450	572406449528 850772 5601802 08621 58718863
Please keep this email for future reference.	
or assistance, send email to supportedrivesync.net.	
	1

The following confirmation should appear:



You now have a valid DriveSync™ Client account!

### CREATING AND REGISTERING YOUR ACCOUNT 15

### 4.1 User Settings

Each launch of  $DriveSync^{TM}$  Client remembers the user login—user settings—used during the previous session. To transfer or view data from a different  $DriveSync^{TM}$  Client account, or to carry out other tasks for that user, log on as the user defined for that account:

- 1. Insert the data key belonging to the user account you wish to access.
- 2. In the Options drop-down menu, select User Settings.

DriveS	ync			_ 🗆 ×
File Action	Options	Help		
Logged in a	s: User	Settings		
Last Sync:	September	07, 2006 at	09:57 AM	
	dick t	he "Sync" Bu	tton.	
Syn	: \	/iew Reports	E	Exit
	D	rive	Syn	<b>c</b> *

3. In the User Settings dialog box, enter the User Name and Password defined for the account you wish to access.

User Name:	guest@ipaid-insurance.com
Password:	******
Re-enter Password:	*****
These sel authenticate	tings will be stored and used to your device on the iPaid Server.

4. Transfer data or view reports for this user as desired.

### 5.0 Transferring Data and Viewing Reports

#### TRANSFERRING DATA

As you use  $DriveSync^{TM}$ , you will periodically transfer vehicle usage data from your data key to the  $DriveSync^{TM}$  server. This upload process—also known as *synchronization*—will enable the server to process the data and generate your vehicle usage reports and route maps. Results are based on your user ID and the vehicle information entered when the account was registered.

For best results, try to maintain a fairly regular data synchronization schedule to suit your driving habits. Some users may prefer a weekly schedule; for others, once a month is adequate. As a general rule of thumb, the more quickly you accumulate data on your data key, the more frequently you may want to synchronize. Sometimes you may wish to collect data for a specific trip or during a certain time interval, then transfer it immediately for processing and reports.

After driving and recording some data, follow the steps below to transfer (*sync*) the data to the  $DriveSync^{TM}$  server.

- 1. Insert the data key into your computer USB port.
- 2. Start *DriveSync™ Client* by selecting the *DriveSync*<sup>™</sup> icon from your desktop or by using your *Start* menu *DriveSync*<sup>™</sup> program folder group.
- In the DriveSync<sup>™</sup> Client main window, click the Sync button (or select this option from the Actions menu). You'll see a reminder that the data key must remain in your computer while uploading; click OK.

### IMPORTANT

To prevent possible damage to your data key, do not remove the key or power down during the *Sync* process.



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4. The Synchronizing Data window will be displayed as your computer transfers data from your data key to the DriveSync<sup>™</sup> server. Progress is shown in the various status bars, some of which may not fill completely. Note that a successful sync clears all vehicle usage data from the key.

Synchronizing Data			Synchronizing Data		
Connect To Device:		Started	Connect To Device:		Completed
Connect To Server.	1	Pending	Connect To Server:		Completed
Get Usage Data:		Pending	Get Usage Data:		Completed
Send Usage Data :		Pending	Send Usage Data :		Completed
Clean up Device:		Pending	Clean up Device:		Completed
Check For Key Update:	i	Pending	Check For Key Update:		Completed
Download Key Update:	J	Pending	Download Key Update:	11	Not Required
Install Key Update:		Pending	Install Key Update:		Not Required
Check For Cradle Update:		Pending	Check For Cradle Update:		Completed
Download Cradle Update:		Pending	Download Cradle Update:	r;	Not Required
Install Cradle Update:	,	Pending	Install Cradle Update:		Not Required
Optimize Data Key		Pending	Optimize Data Key		Completed
	Searching device	~		Your transaction was successful.	
	Time remaining: 1 minutes 59 seconds				
	OK.			OK	

NOTE: If the data key has no vehicle usage data, the relevant fields will indicate "Not Required".

- 5. When OK button is enabled and the final success message appears (see above, right), click OK to complete the upload and return to the main DriveSync<sup>™</sup> window. At this point, you have successfully transferred the vehicle usage data from your data key to the DriveSync<sup>™</sup> server. You can view data as route maps and other reports at any time.
- 6. You may now remove your empty data key from the computer USB port. When you are next in your vehicle, insert the data key into the *DriveSync*<sup>™</sup> cradle to resume tracking.

#### **VIEWING REPORTS**

After uploading your data to the  $DriveSync^{TM}$  server, follow these steps to view the resulting reports and route maps:

 In DriveSync<sup>™</sup> main window, click the View Reports button (or select View Online Account from the Actions menu). This acts as a shortcut to the URL for the DriveSync<sup>™</sup> Web Portal through which you can view your reports.



2. A web browser window will open and take you directly to the DriveSync<sup>™</sup> Web Portal.

Alternatively, you can enter the following URL in your web browser without opening *DriveSync™ Client*:

#### portal.drivesync.net

NOTES: 1) It takes a few minutes for the server to generate the reports and route maps. During this processing time, the most recently synchronized data will not be displayed. 2) For further information regarding the use of the DriveSync<sup>™</sup> Web Portal, refer to the online documentation available at the portal.

### 6.0 Managing Multiple Vehicles

Every *DriveSync*<sup>™</sup> unit requires a minimum of one valid user account for transferring and viewing vehicle usage data. Establish this account as described in <u>Section 4, Creating and Registering Your Account</u>. Once registered, this unique login enables you to securely transfer and view your data.

In most cases, a single account login is all that you will ever need. However, users or administrators in organizations who must track multiple vehicles, each with its own  $DriveSync^{TM}$ , can do so either as a *fleet manager* or as a *multi-vehicle user*. As shown below, both types of managers can transfer data from multiple data keys and access the resulting reports and map routes using their own account—however, each member of a *fleet* also retains access to their own account, whereas subordinates under a *multi-vehicle user* do not even have accounts.

Keep in mind that you can set up *either* configuration but not both. Consider your needs carefully—you cannot switch between the two configurations.

### 🛦 IMPORTANT 🗚

Choose the multiple vehicle configuration which best suits your needs. Fleet managers (or members) cannot also be a multi-vehicle user, and vice versa.



Figure 6.0. Managing Multiple Vehicles as a Fleet Manager (left) <u>or</u> a Multi-Vehicle User (right)

A NOTE ABOUT PRIVACY: Typically the persons who drive the vehicle have sole rights to the DriveSync vehicle usage data collected in that vehicle. You may have to obtain permission from all personnel driving the vehicle in order to view their DriveSync data. Please consult all applicable privacy laws in your region to ensure compliance.

### 6.1 Assigning a Fleet Manager

If desired, use the *Set Fleet Manager* control to authorize an additional user to synchronize your data key and view your vehicle data reports. This enables one user—the fleet manager—to access data from multiple vehicles and/or user accounts, and can help streamline and centralize the logistics of managing numerous sets of data. Each member of a fleet can still access their own account.

**IMPORTANT: 1)** Your authorization is permanent—once assigned, fleet manager permissions remain in place until the **fleet manager** removes your vehicle from their account. That is, you can only assign permissions to a fleet manager, not revoke them. **2)** You cannot grant fleet manager status to yourself. **3)** Due to privacy and security issues, fleet managers and fleet members cannot use the "Add Another Vehicle" function or change to this configuration. Please contact Technical Support for details.

To assign a fleet manager to your account, follow these steps:

1. Insert your data key into the computer USB port and start DriveSync™ Client.



4. In the Please Verify Fleet Manager window (below), click Yes.

Warning: By specifying a Fle specified. Once a Fleet Mana to continue?	et Manager you are giv ager is set it can only be	ing synchronization ar released by your nev	d viewing rights to the u v Fleet Manager. Are you	ser you have sure you want
	Yes	No		
	Warning: By specifying a Fle specified. Once a Fleet Mana to continue?	Warning: By specifying a Fleet Manager you are giv specified. Once a Fleet Manager is set it can only be to continue?	Warning: By specifying a Fleet Manager you are giving synchronization an specified. Once a Fleet Manager is set it can only be released by your new to continue?	Warning: By specifying a Fleet Manager you are giving synchronization and viewing rights to the us specified. Once a Fleet Manager is set it can only be released by your new Fleet Manager. Are you to continue?           Yes         No           Yes         No

You have successfully assigned a fleet manager for your account. A notification email will be sent to the new fleet manager, indicating that your account has been added to their fleet.

### 6.2 Creating a Fleet

In some cases, you may need to grant fleet manager privileges to yourself in order to create a fleet more efficiently. Since such permissions must be granted by each individual user rather than by the fleet manager, you can first create and register these separate user accounts using *Create New Account* (see right), then log in to each account and enter your own user ID in the *Set Fleet Manager* option. You can then access data from each user account without each user first having to grant this right to you themselves.



### 6.3 Adding Another Vehicle

If you have multiple *DriveSync*<sup>™</sup> units installed in multiple vehicles, you may want to manage them exclusively from a single account by using the *Add Another Vehicle* function. Unlike Fleet Manager, data from each vehicle can then be transferred and viewed from your multiple-vehicle account only—there is no unique user account for each vehicle.

For each vehicle, complete a new Add Another Vehicle form as described below:

- Insert the new data key into the computer USB port and start DriveSync<sup>™</sup> Client. Make sure this data key is for the new DriveSync<sup>™</sup> unit and vehicle you wish to add.
- In the DriveSync<sup>™</sup> main window, select Add Another Vehicle from the Action menu.



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3. In the Select Vehicle dialog box, enter the description of the new vehicle; click the Add Vehicle button to submit.

Repeat for each vehicle / *DriveSync*<sup>™</sup> data key, taking care to keep each data key correctly matched to its own *DriveSync*<sup>™</sup>.

ect Vehicle	
Year 2006 Select Custom Vehicle	Reset List
Make VOLKSWAGEN	•
Model NEW BEETLE TDI DIESEL	<u> </u>
Class Sub Compact   Engine Size   1.9	<u>•</u>
Cylinders 4 💌 Gas Type Diesel	-
Transmission Automatic w/ manual mode	-
Odometer 5432 VIN	
Color Lic Plate Prov/State	<u>•</u>
DriveSync Add Vehide	Cancel

NOTES: 1) Once you use the "Add Another Vehicle" function, you are a multivehicle user—you cannot be a fleet manager or assign a fleet manager. Please contact Technical Support for details. 2) You cannot remove a vehicle after you have added it.

### 7.0 Upgrading DriveSync<sup>™</sup> Client

Each launch of *DriveSync™ Client* includes an auto-upgrade function that quickly checks your version and determines whether or not a newer version is available for downloading from the *DriveSync™* website. This service helps ensure optimized performance while eliminating the inconvenience of searching for upgrades on your own, and works as follows:

□ If your *DriveSync™ Client* is up-to-date, the application will start and run normally.



□ If a new *and mandatory* version of *DriveSync™ Client* is available at the website, your version requires upgrading before use (see message below). This function cannot be disabled.



If a new but optional version of DriveSync™ Client is available at the website, you can (by default) choose to immediately accept the upgrade or not. If desired, you can also permanently turn off



this query so that future start-ups will not be interrupted by offers of optional upgrades.

□ If the website connection cannot be made at all, *DriveSync™ Client* will not start.

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You can also check for updates at any time by selecting *Check for Updates* in the *Help* menu.



### 8.0 Help and Troubleshooting

Several features in the *Help* drop-down menu help ensure trouble-free installation and use of *DriveSync™ Client*:

■ Email Support: opens a new Microsoft Outlook email message addressed to the DriveSync™ Customer Technical Support team. Feel free to email your question or describe an issue you have encountered during installation or use; a technical specialist will respond as promptly as possible.



- □ DriveSync<sup>™</sup> Help: opens DriveSync<sup>™</sup> online help for quick reference.
- □ Check for Updates: checks your DriveSync<sup>™</sup> Client installation and determines whether or not a newer version is available for downloading from the DriveSync<sup>™</sup> website. See also Upgrading DriveSync<sup>™</sup> Client.
- □ *About DriveSync™*: identifies the version of *DriveSync*<sup>™</sup> you are currently running, and provides a link to other general information.

#### TROUBLESHOOTING YOUR INSTALLATION

NOTE: Illustrations show typical Windows™XP dialog boxes and windows. Equivalent views in Windows™2000 may differ slightly.

<u>IF THE DEVICE DRIVER TEST FAILS</u>: If your *DriveSync<sup>TM</sup> Device Driver Test* fails upon start-up of *DriveSync<sup>TM</sup> Client*, and you have confirmed that the USB port you are using is indeed functional with other USB devices, there may be an issue with the driver installation. Follow the instructions below to make sure that the device drivers are installed and that Windows<sup>TM</sup> is detecting the device:

- 1. Plug the *DriveSync™* data key into a working USB port on your computer.
- 2. From the Windows<sup>™</sup> Start menu, open the Control Panel.
- 3. In the Control Panel, select System.
- 4. In the System Properties dialog box, select the Hardware tab.

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5. In the *Hardware* panel, click the *Device Manager* button (see right).



6. In the *Device Manager* window, find an entry called '*Jungo*'. Under the '*Jungo*' listing, locate either a '*DriveSync Data Key*' or an '*AT89C5130/AT89C5131*' device. See Figures 8.1 (below) and 8.2 (next page):



Figure 8.1. Device Manager window with the DriveSync Data Key device present.

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*Figure 8.2. Device Manager* window with the *AT89C5130/AT89C5131* device present.

7. In the *Device Manager* window, locate a '*WinDriver*' entry under the '*System devices*' node. See Figure 8.3.



*Figure 8.3. Device Manager* with the *WinDriver* device present under the *System devices* node.

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<u>If you have found all the devices shown so far</u> AND your USB port is functioning properly when a known working USB device is swapped in:

- **D** There may be an issue with the driver installation.
- □ Do not attempt to reinstall *DriveSync<sup>™</sup> Client* at this point—your system must first undergo a careful "clean-up" so that problematic files interfering with Windows<sup>™</sup> and/or the *DriveSync<sup>™</sup> Client* device driver are properly deleted.
- □ Please contact *DriveSync™ Customer Technical Support*, and a qualified specialist will guide you through the step-by-step clean-up of your system.

#### If you have NOT found the devices shown so far:

- □ The necessary USB device drivers are likely not on your system.
  - 1. Use Windows™ "Add/Remove Programs" to delete your current *DriveSync™ Client*.
  - 2. Reinstall DriveSync™ Client.
  - 3. If your DriveSync<sup>™</sup> Device Driver Test still fails, contact DriveSync<sup>™</sup> Customer Technical Support for help.

# 9.0 Specifications

DriveSync™ Unit Dimensions (mm)110 x 89 x 39 (L x W x H)DriveSync™ Unit Weight159 gDriveSync™ Unit SecuritySecure private-key encryption (RSA)Operating Voltage Range8 to 28V (requires 12V battery vehicle supply)Max. Current Consumption @ 13.5V65 mAStand-by Current Consumption @ 13.5V24 mAInternal Backup Battery LifeEstimated 10 yearsOperating Time with No Power Source100 daysOperating Temperature Range40 to 85°CStorage Temperature Range-40 to 85°CData Key Dimensions (mm)50 x 40 x 14 (L x W x H)GPS Antenna Dimensions (mm)50 x 40 x 14 (L x W x H)GPS Antenna Weight115 gORD-IL Cable Length2 m (6 ft )
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GPS Antenna Dimensions (mm)50 x 40 x 14 (L x W x H)GPS Antenna Weight115 gORD-IL Cable Length2 m (6 ft )
GPS Antenna Weight 115 g ORD-IL Cable Length 2 m (6 ft )
OBD-IL Cable Length 2 m (6 ft )
Hard-wired Cable <i>(optional)</i> 3 m (10 ft.)
SYSTEM REQUIREMENTS
Operating System Windows™ 2000 (SP4) or Windows™ XP (SP2)
Hard Disk Space 15 MB
Hardware Requirements Computer USB Port
Internet Access Requirements Internet Explorer 6.0 or greater; <i>Note firewalls</i>
must allow transfer via port 443
PERFORMANCE AND GPS SENSING
Memory Capacity with data key inserted 16 MB; approx. 25,000 km of driving data
Memory Capacity without data key 2 MB; approx. 3,000 km of driving data
GPS Signal Acquisition Time (90%) Warm Start (vehicle ignition off): < 45 s
Collos start (recovery from power interruption):
< 180 S
CPS Accuracy < 9 meters / 30 ft. (90%)
CPS Data Collection Pange 20 m x 20 m zenes (65 ft x 65 ft) street level
20 If x 20 If 20 if x 65 if x 65 if , street level
Coographical Support . All of US Canada and Movico
Wastern Europa including: Austria
Relaium Denmark Finland France
Germany Ireland Iceland Italy
Luxemburg Malta Netherlands Norway
Sweden, Switzerland, Spain, United
Kingdom

### 10.0 Contact Us

Do you have questions or concerns? Please contact us by phone or email:

#### **TECHNICAL SUPPORT**

Phone: 1-866-534-7243 E-mail: support@drivesync.net

#### ALL OTHER INQUIRIES

Phone: 1-877-273-7483 E-mail: info@drivesync.net

You can also reach us through the DriveSync<sup>™</sup> Web Portal.