

RS DigiTac

Digital Tachograph Software



Instruction Manual

Introduction

Thank you for choosing the RoadSoft products. Now, over 10.000 companies are using our solutions. Thanks to the feedback from our customers, our products are what they are today, very user-friendly. Please feel free to give us your feedback on our products, in order to improve them and strive for excellence!

Our customer satisfaction resulted in word of mouth recommendation. We value recommendations from truck operators to their 'colleagues' very much, we hope you will also recommend us, when you are satisfied.

NOTE

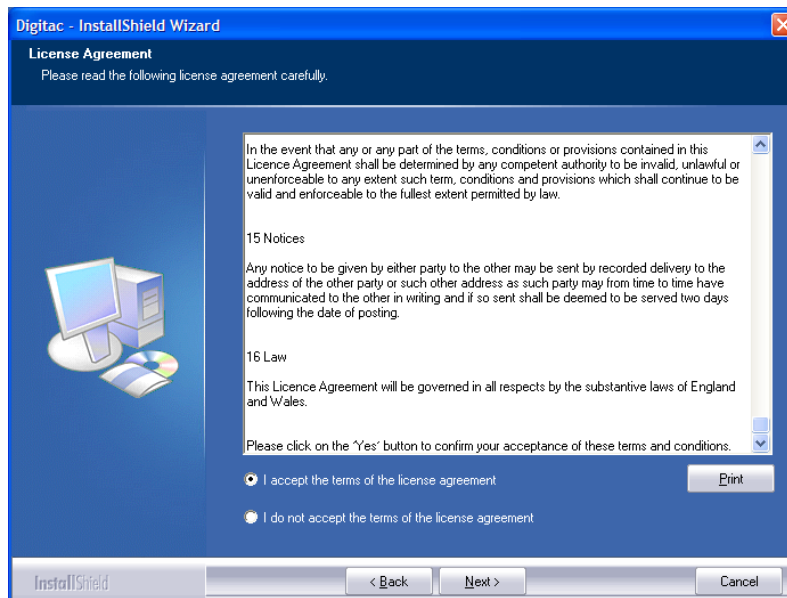
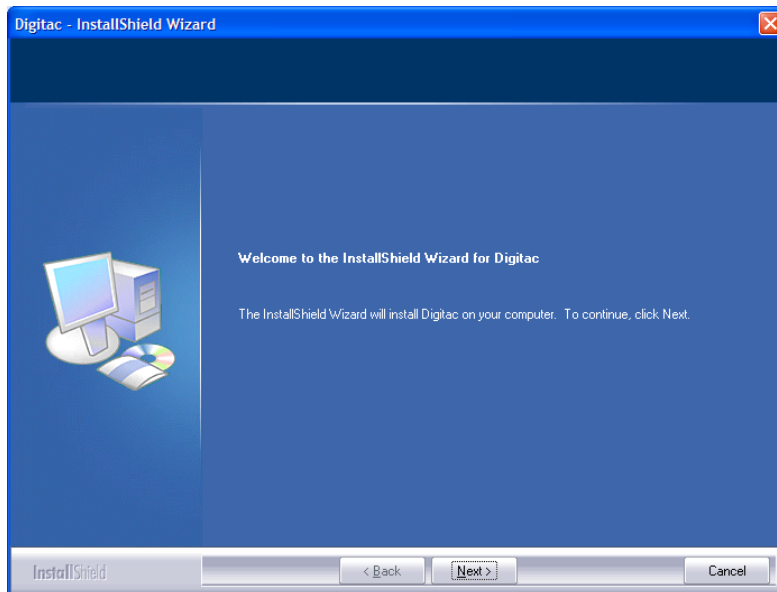
Please take your time to read this manual. It prevents you from making mistakes. Once you have read this manual, you will see that the software is very easy to use.

Index

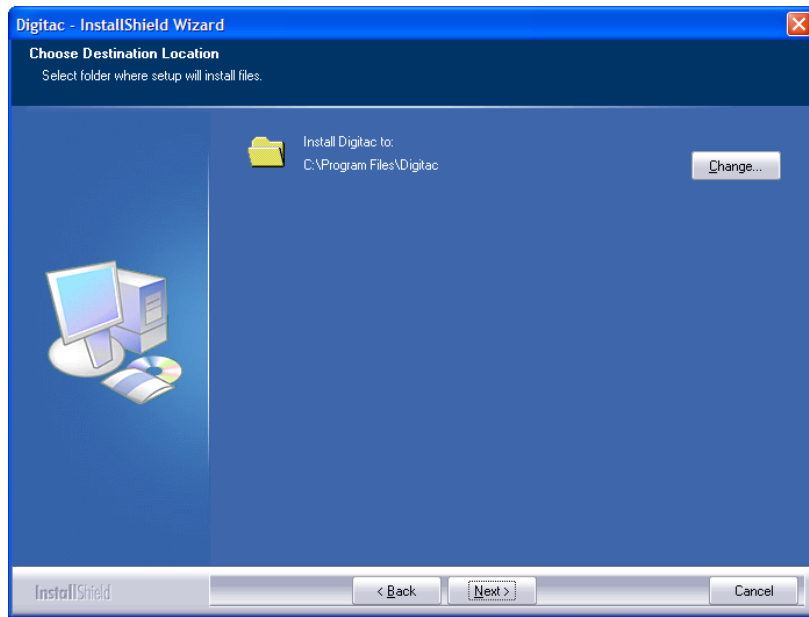
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RS DigiTac software installation

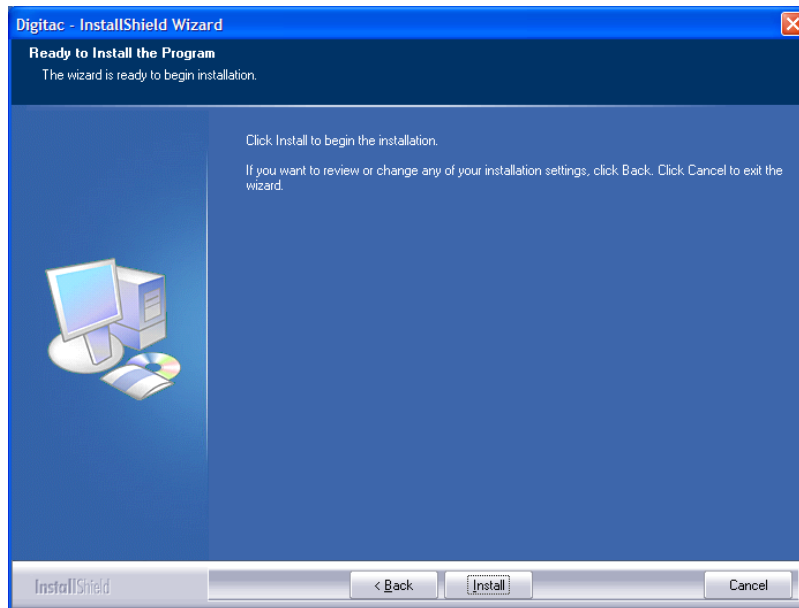
To install the software, simply insert the CD into the PC CD drive and then the installation will automatically run. Alternatively, if you have downloaded the software from the internet, simply double click the downloaded “setup.exe” file, which will then start the installation process. Follow the on screen instructions, and the installation will complete in less than 5 minutes.



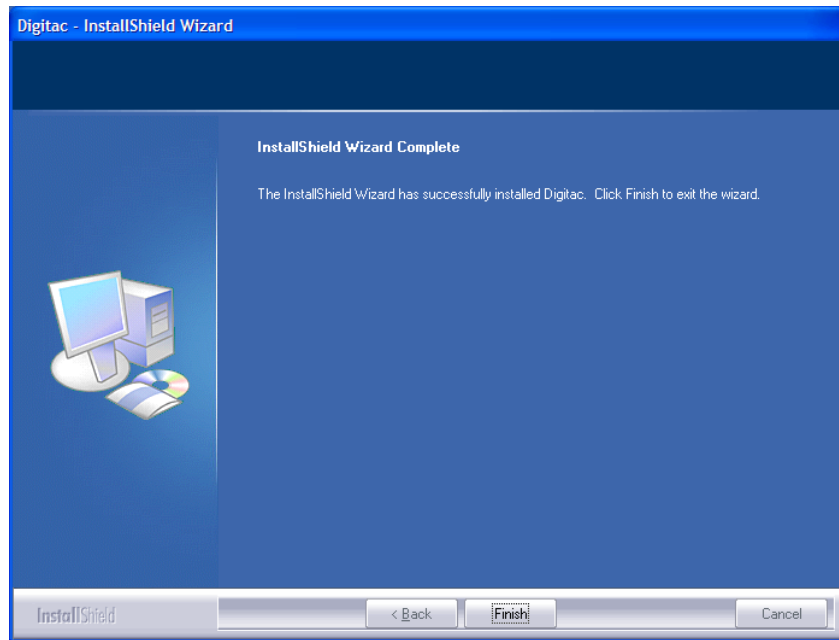
Please read the licensing agreement carefully.



By default, the software will be installed in the following location: C:\Program Files\Digitac. This is also the folder where you can find the driver card and vehicle files.



Click "Install" and the installation will begin.

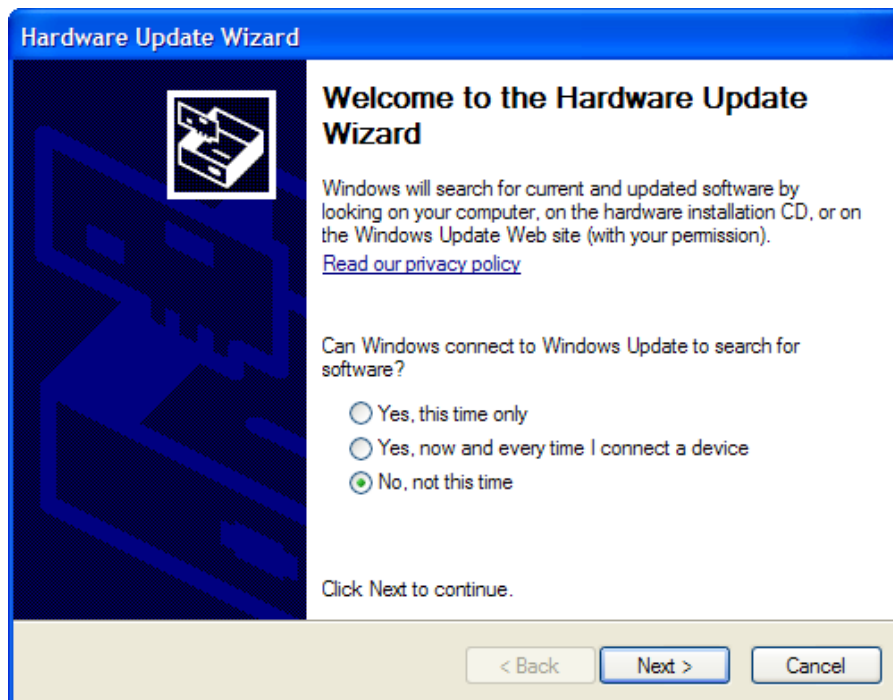


Click “Finish” to complete the installation.

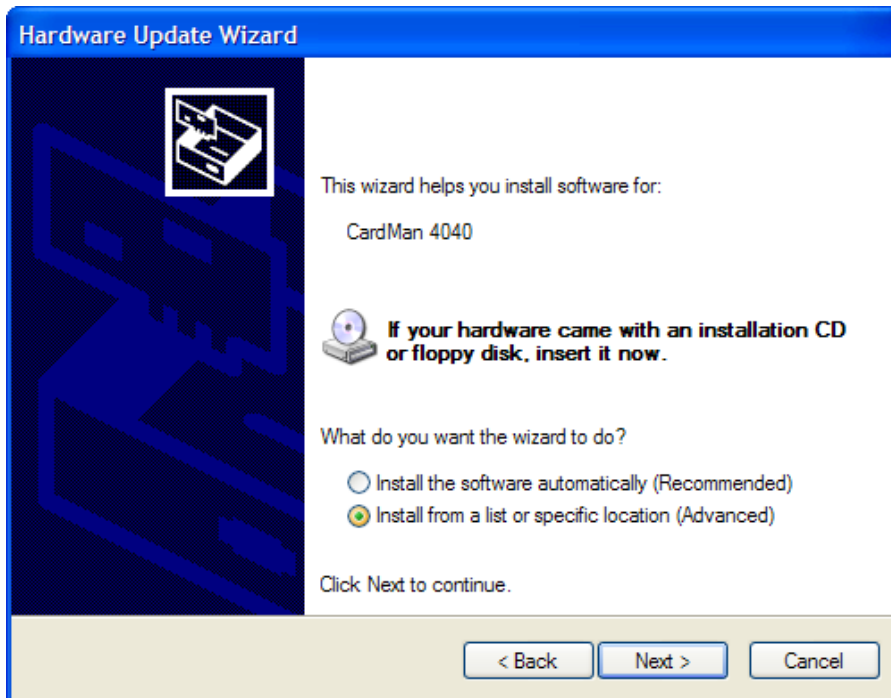
Installing the card reader

To use the RS DigiTac software effectively, you must have a Smart Card Reader installed on your PC, which conforms to the PC/SC standard. We recommend either Omnikey or SCM card readers. Both of the card readers from these manufactures should be “Plug and Play” which means that Windows should install them automatically.

In the event the card reader does not automatically install, the drivers for Omnikey and SCM readers are provided on the installation CD or download setup for RS DigiTac. The installation process for the Omnikey and SCM readers is as follows, when you plug the card reader in for the first time:

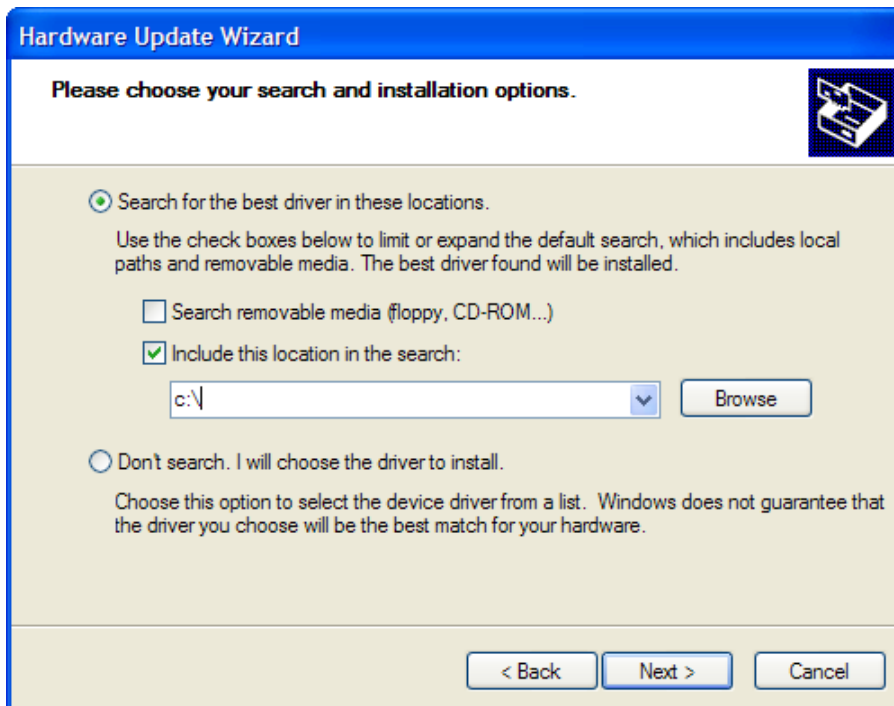


Click “No, not this time” and then “Next”. Depending on the manufacturer and model you will then be presented with the following screen:



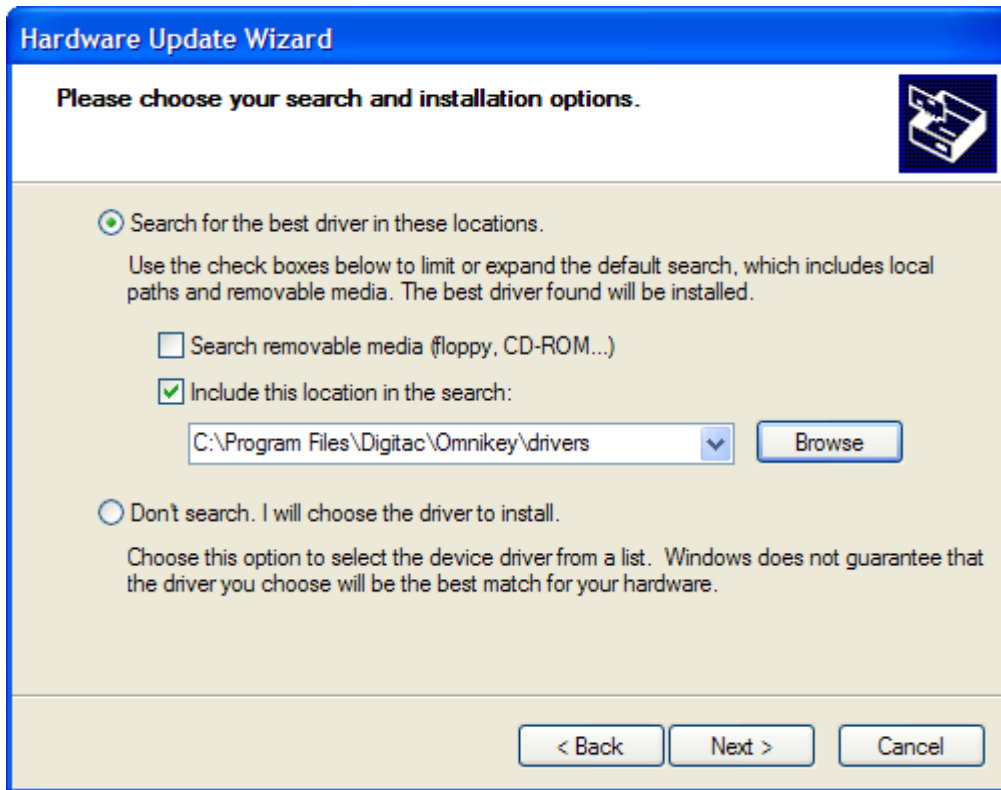
Click “Install from a list or specific location” and then click “Next”.

You will then be presented with the following screen:



Click on “Include this location in the search” and then “Browse”.

Use the “Browse” option to find the following location: “C:\Program Files\Digitac”.



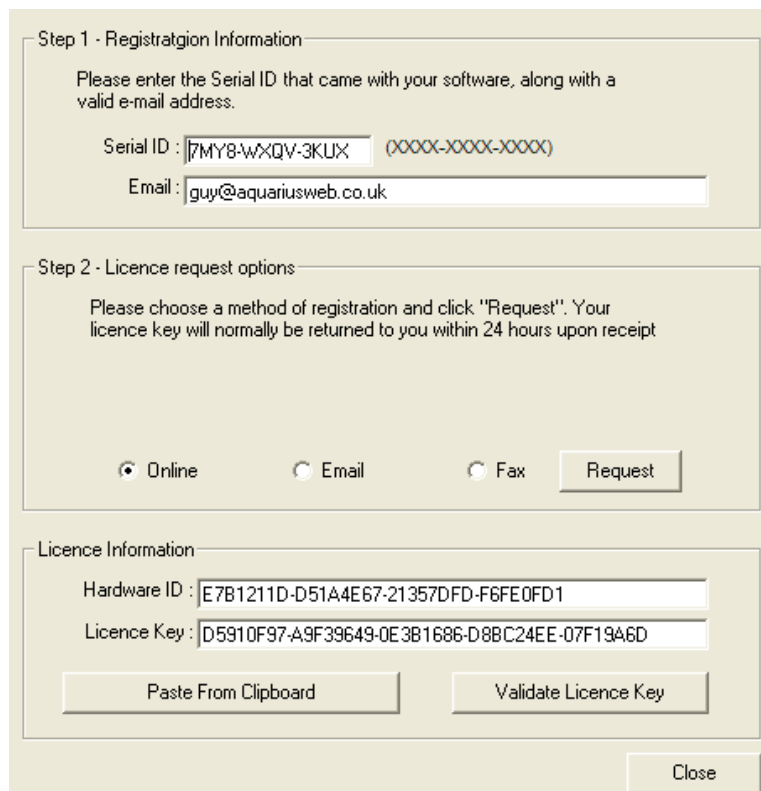
Then choose the folder “Omnikey” or “SCM” and then “drivers”, then click “Next”. On the following screen simply click “Finish”.

Registering RS DigiTac

RS DigiTac comes with a full 14 day trial license, during which time the software is fully operational.

Once RS DigiTac is installed, you also need to register the license for your PC. You will need the serial number information provided on either the back cover of your CD case or provided to you directly when the software was purchased. You can then use one of three methods for requesting a license key: Online, Email, Fax.

The first time you run RS DigiTac, it will display the license screen:



Step 1 - Registration Information

Please enter the Serial ID that came with your software, along with a valid e-mail address.

Serial ID : 7MY8-WXQV-3KUX (XXXX-XXXX-XXXX)

Email : guy@aquariusweb.co.uk

Step 2 - Licence request options

Please choose a method of registration and click "Request". Your licence key will normally be returned to you within 24 hours upon receipt

Online Email Fax

Licence Information

Hardware ID : E7B1211D-D51A4E67-21357DFD-F6FE0FD1

Licence Key : D5910F97-A9F39649-0E3B1686-D8BC24EE-07F19A6D

You will need to fill in the "Serial ID:" and the "Email:" fields on the screen. Then simply choose your method of requesting your license and press the "Request" button (that now is active), in the right side.

Online

- if you choose the "Online" registration process, you will need to be connected to the internet;
- the program will automatically allocate a license key for you within 24 hours (Monday to Friday);
- you will not receive a notification of registration.

Email

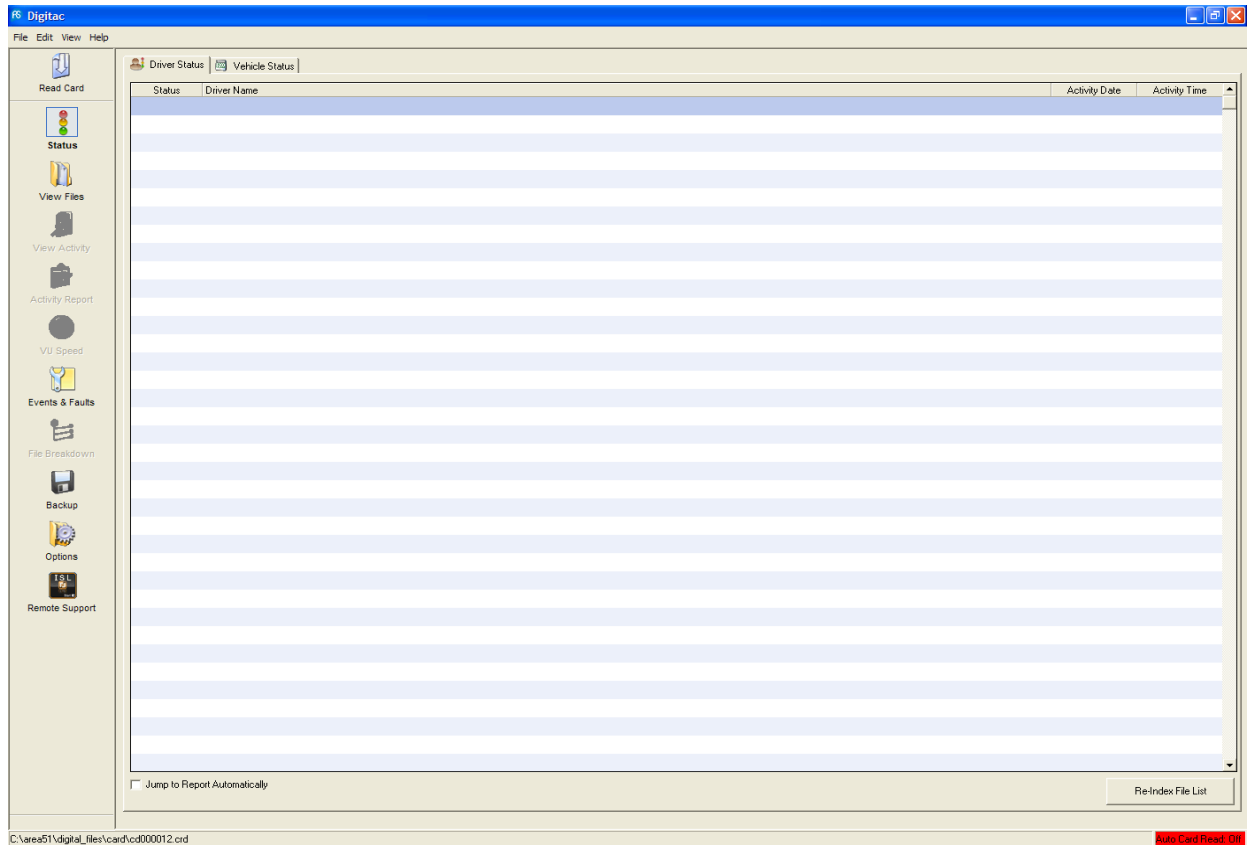
- if you choose the “Email” registration process, you will also need to be connected to the internet;
- RS DigiTac will then generate an email for you to send, requesting a full license;
- a full license will be automatically returned to you within 24 hours (Monday to Friday), license key which will need to be entered in the licensing screen;
- in order to do this, from the main menu click on “Help” → “Register” → enter the license key that has been issued to you → click “Validate License Key” and this is it;
- in the “Registration” screen you saw that there was already a license key stated, but it is just a temporary one.

Fax

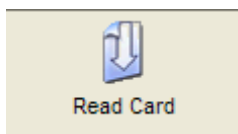
- when choosing the “Fax” registration process, you don’t need to be connected to the internet;
- RS DigiTac will generate a fax for you to send, requesting a full license;
- a full license will be automatically returned to you within 24 hours (Monday to Friday), license key which will need to be entered in the licensing screen;
- in order to do this, from the main menu click on “Help” → “Register” → enter the license key that has been issued to you → click “Validate License Key” and this is it;
- in the “Registration” screen you saw that there was already a license key stated, but it is just a temporary one.

Reading a driver's digital tachograph card

Once you have completed the registration process, you will be presented with the following screen:



The screen is initially empty until you have read a drivers card. If a smartcard reader is attached to the PC, the “Read Card” icon will be active on the screen, as in the sample below:




Insert your driver's card in to the smartcard reader, with the chip pointing down and facing you. This generally means that the driver's picture is on the opposite side, facing away from you. Click on “Read Card” and the card should start to be read. This will be indicated by the light on the smartcard reader starting to flash and a progress bar should appear on the screen.

The card should take approximately 15 seconds to read.

If the “Read Card” icon is not highlighted, this would probably be because of 3 reasons:

- Your card reader is not plugged in the PC.
- The drivers for the card reader are not installed correctly.
- The card reader is not recognized by the software (as the following image shows, which you can see within “Options” left side menu of the software):



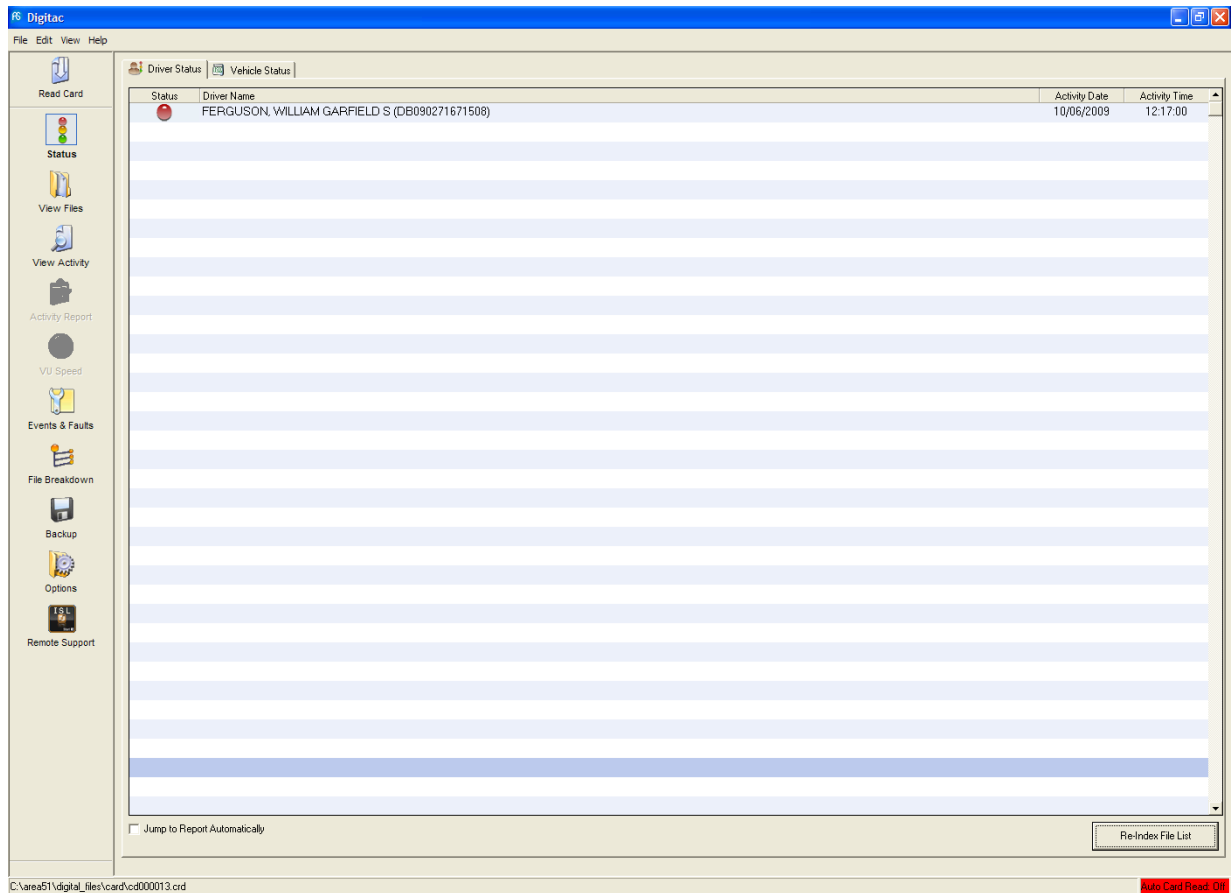
If you confront with this situation, simply press the button ; this way, the software will now identify the card reader connected to your computer.

NOTE

If the card reader is plugged in, but has no lights on it, is most likely that the software drivers for the card reader are not installed correctly.

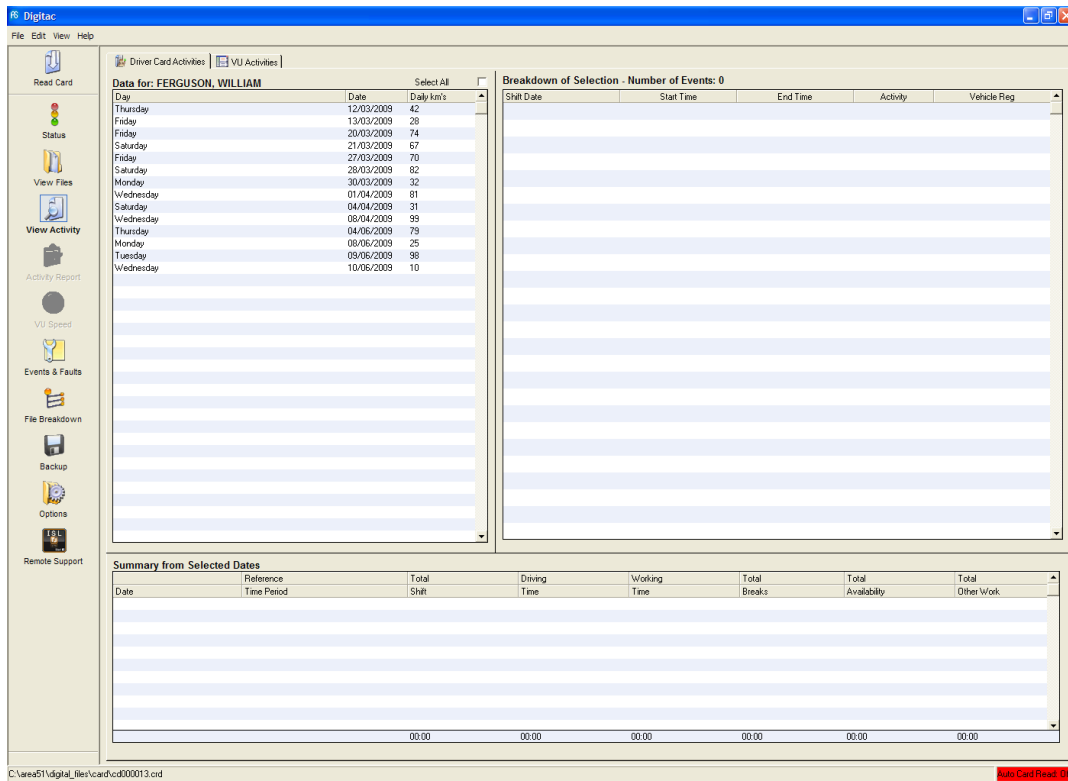
View driver file details

Once you have read the driver's card for the first time, the screen will change to include the card file that you have just read. The screen will look like the example below:



Each time you read the card of a new driver, the driver name will appear in the list.

To view the information in each card file, follow the next process: single click and highlight the drivers name to view the latest card file for that driver and then click on the "View Details" icon on the left hand side of the screen or double click the drivers name. This will present you the following screen.



Data for: FERGUSON, WILLIAM

| Day | Date | Daily km's |
|-----------|------------|------------|
| Thursday | 12/03/2009 | 42 |
| Friday | 13/03/2009 | 28 |
| Friday | 20/03/2009 | 74 |
| Saturday | 21/03/2009 | 67 |
| Friday | 27/03/2009 | 70 |
| Saturday | 28/03/2009 | 82 |
| Monday | 30/03/2009 | 32 |
| Wednesday | 01/04/2009 | 81 |
| Saturday | 04/04/2009 | 31 |
| Wednesday | 08/04/2009 | 99 |
| Thursday | 04/06/2009 | 79 |
| Monday | 08/06/2009 | 25 |
| Tuesday | 09/06/2009 | 98 |
| Wednesday | 10/06/2009 | 10 |

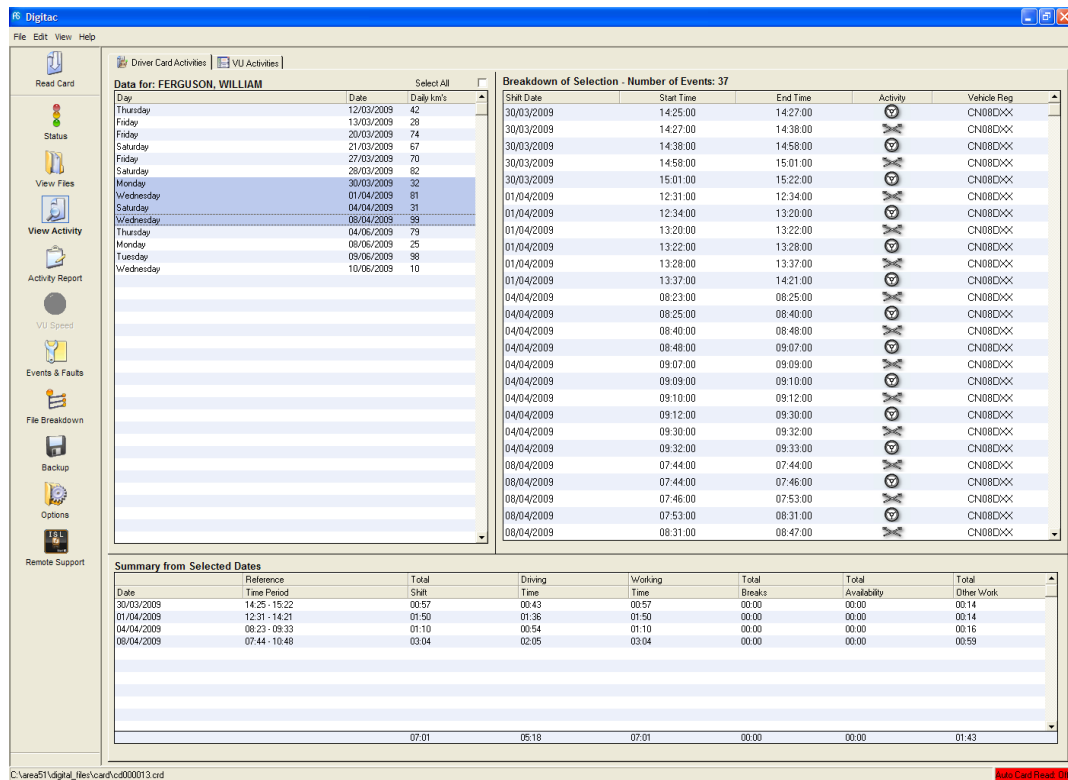
Breakdown of Selection - Number of Events: 0

| Shift Date | Start Time | End Time | Activity | Vehicle Reg |
|------------|------------|----------|----------|-------------|
|------------|------------|----------|----------|-------------|

Summary from Selected Dates

| Reference | Total | Driving | Working | Total | Total | Total | |
|-----------|-------------|---------|---------|-------|--------|--------------|------------|
| Date | Time Period | Shift | Time | Time | Breaks | Availability | Other Work |
| | | | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |

On the left hand side of the screen, click on the days of the week that you wish to view and they will automatically appear on the right hand side of the screen. This will display a detailed activity view and will also show a shift summary level at the bottom of the screen.



Data for: FERGUSON, WILLIAM

| Day | Date | Daily km's |
|-----------|------------|------------|
| Thursday | 12/03/2009 | 42 |
| Friday | 13/03/2009 | 28 |
| Friday | 20/03/2009 | 74 |
| Saturday | 21/03/2009 | 67 |
| Friday | 27/03/2009 | 70 |
| Saturday | 28/03/2009 | 82 |
| Monday | 30/03/2009 | 32 |
| Wednesday | 01/04/2009 | 81 |
| Saturday | 04/04/2009 | 31 |
| Wednesday | 08/04/2009 | 99 |
| Thursday | 04/06/2009 | 79 |
| Monday | 08/06/2009 | 25 |
| Tuesday | 09/06/2009 | 98 |
| Wednesday | 10/06/2009 | 10 |

Breakdown of Selection - Number of Events: 37

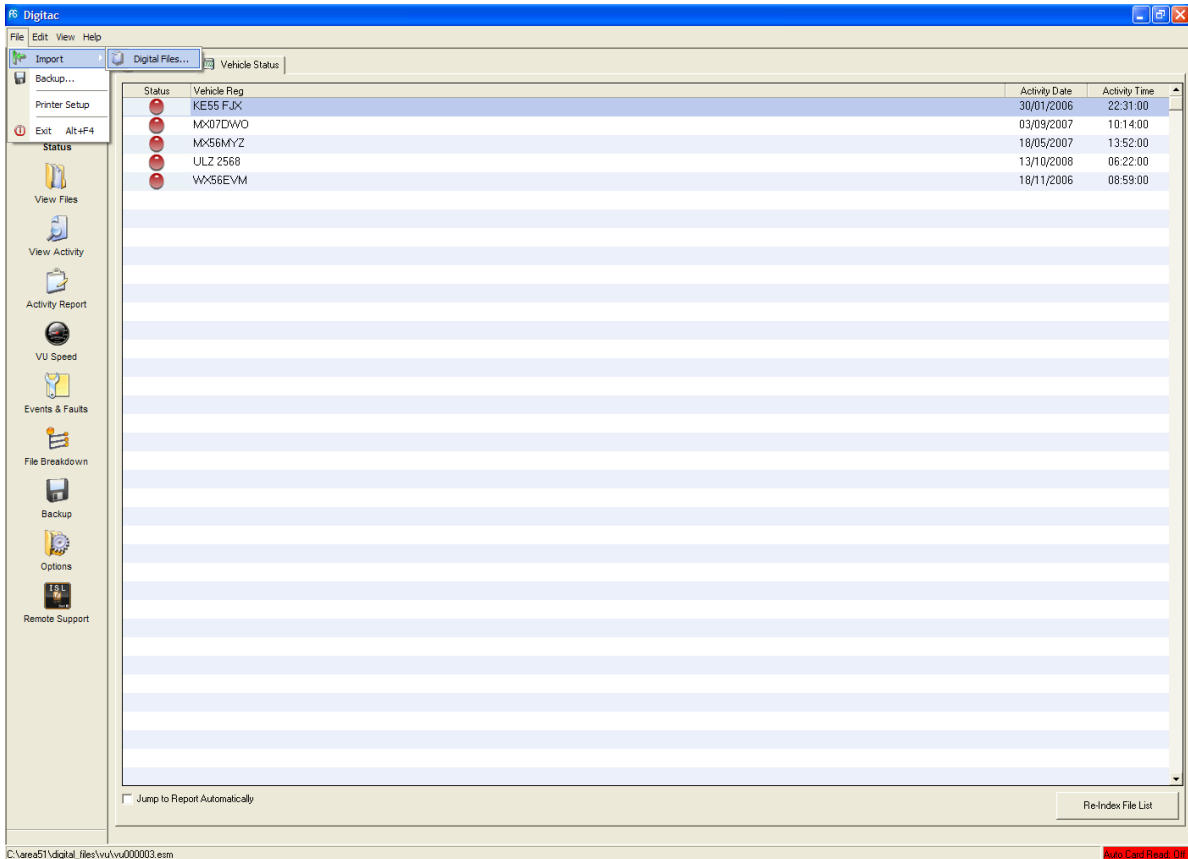
| Shift Date | Start Time | End Time | Activity | Vehicle Reg |
|------------|------------|----------|----------|-------------|
| 30/03/2009 | 14:25:00 | 14:27:00 | ⓧ | CN08DXX |
| 30/03/2009 | 14:27:00 | 14:38:00 | ⓧ | CN08DXX |
| 30/03/2009 | 14:38:00 | 14:58:00 | ⓧ | CN08DXX |
| 30/03/2009 | 14:58:00 | 15:01:00 | ⓧ | CN08DXX |
| 30/03/2009 | 15:01:00 | 15:22:00 | ⓧ | CN08DXX |
| 30/03/2009 | 15:22:00 | 15:22:00 | ⓧ | CN08DXX |
| 01/04/2009 | 12:31:00 | 12:34:00 | ⓧ | CN08DXX |
| 01/04/2009 | 12:34:00 | 13:20:00 | ⓧ | CN08DXX |
| 01/04/2009 | 13:20:00 | 13:22:00 | ⓧ | CN08DXX |
| 01/04/2009 | 13:22:00 | 13:28:00 | ⓧ | CN08DXX |
| 01/04/2009 | 13:28:00 | 13:37:00 | ⓧ | CN08DXX |
| 01/04/2009 | 13:37:00 | 14:21:00 | ⓧ | CN08DXX |
| 04/04/2009 | 08:23:00 | 08:25:00 | ⓧ | CN08DXX |
| 04/04/2009 | 08:25:00 | 08:40:00 | ⓧ | CN08DXX |
| 04/04/2009 | 08:40:00 | 08:48:00 | ⓧ | CN08DXX |
| 04/04/2009 | 08:48:00 | 08:48:00 | ⓧ | CN08DXX |
| 04/04/2009 | 08:48:00 | 09:07:00 | ⓧ | CN08DXX |
| 04/04/2009 | 09:07:00 | 09:09:00 | ⓧ | CN08DXX |
| 04/04/2009 | 09:09:00 | 09:10:00 | ⓧ | CN08DXX |
| 04/04/2009 | 09:10:00 | 09:12:00 | ⓧ | CN08DXX |
| 04/04/2009 | 09:12:00 | 09:30:00 | ⓧ | CN08DXX |
| 04/04/2009 | 09:30:00 | 09:32:00 | ⓧ | CN08DXX |
| 04/04/2009 | 09:32:00 | 09:33:00 | ⓧ | CN08DXX |
| 08/04/2009 | 07:44:00 | 07:44:00 | ⓧ | CN08DXX |
| 08/04/2009 | 07:44:00 | 07:46:00 | ⓧ | CN08DXX |
| 08/04/2009 | 07:46:00 | 07:53:00 | ⓧ | CN08DXX |
| 08/04/2009 | 07:53:00 | 08:31:00 | ⓧ | CN08DXX |
| 08/04/2009 | 08:31:00 | 08:47:00 | ⓧ | CN08DXX |

Summary from Selected Dates

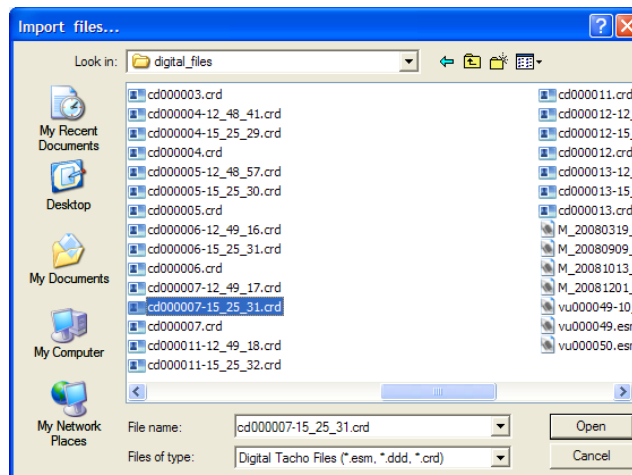
| Reference | Total | Driving | Working | Total | Total | Total | |
|------------|---------------|---------|---------|-------|--------|--------------|------------|
| Date | Time Period | Shift | Time | Time | Breaks | Availability | Other Work |
| 30/03/2009 | 14:25 - 15:22 | 00:57 | 00:43 | 00:57 | 00:00 | 00:00 | 00:14 |
| 01/04/2009 | 12:31 - 14:21 | 01:50 | 01:36 | 01:50 | 00:00 | 00:00 | 00:14 |
| 04/04/2009 | 08:23 - 09:33 | 01:10 | 00:54 | 01:10 | 00:00 | 00:00 | 00:16 |
| 08/04/2009 | 07:44 - 10:48 | 03:04 | 02:05 | 03:04 | 00:00 | 00:00 | 00:59 |
| | | 07:01 | 05:18 | 07:01 | 00:00 | 00:00 | 01:43 |

Importing files into RS DigiTac

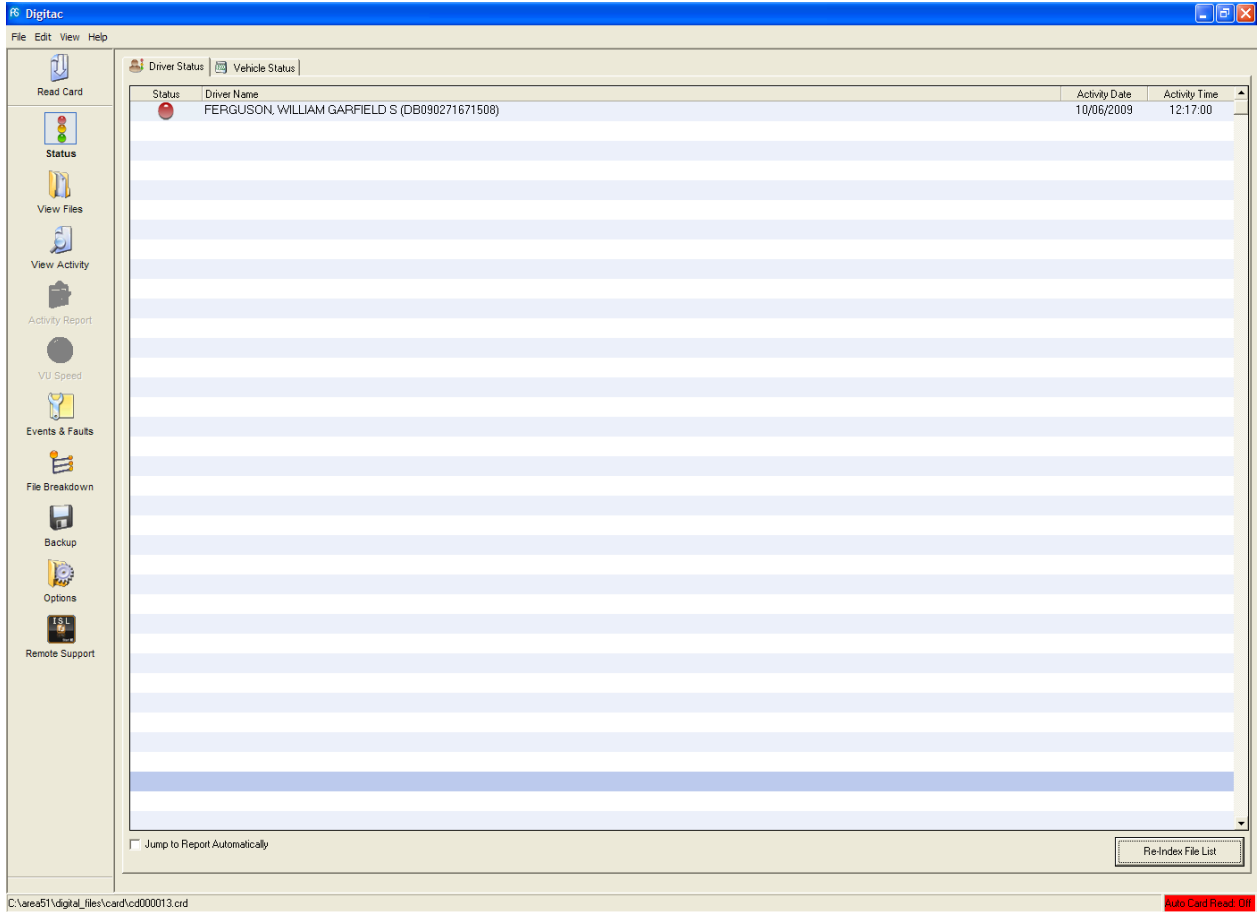
Some Vehicle Unit files will automatically import into RS DigiTac, if one of the more popular VU download tools is connected to the PC. The status of these imports can be seen on the Vehicle Status tab of the status screen. To manually import files into RS DigiTac from a Vehicle Unit download device, click on the following from the main menu at the top of the screen: “File” → “Import” → “Digital Files”.



Then browse to the location of the files you wish to import and then select “Open”.



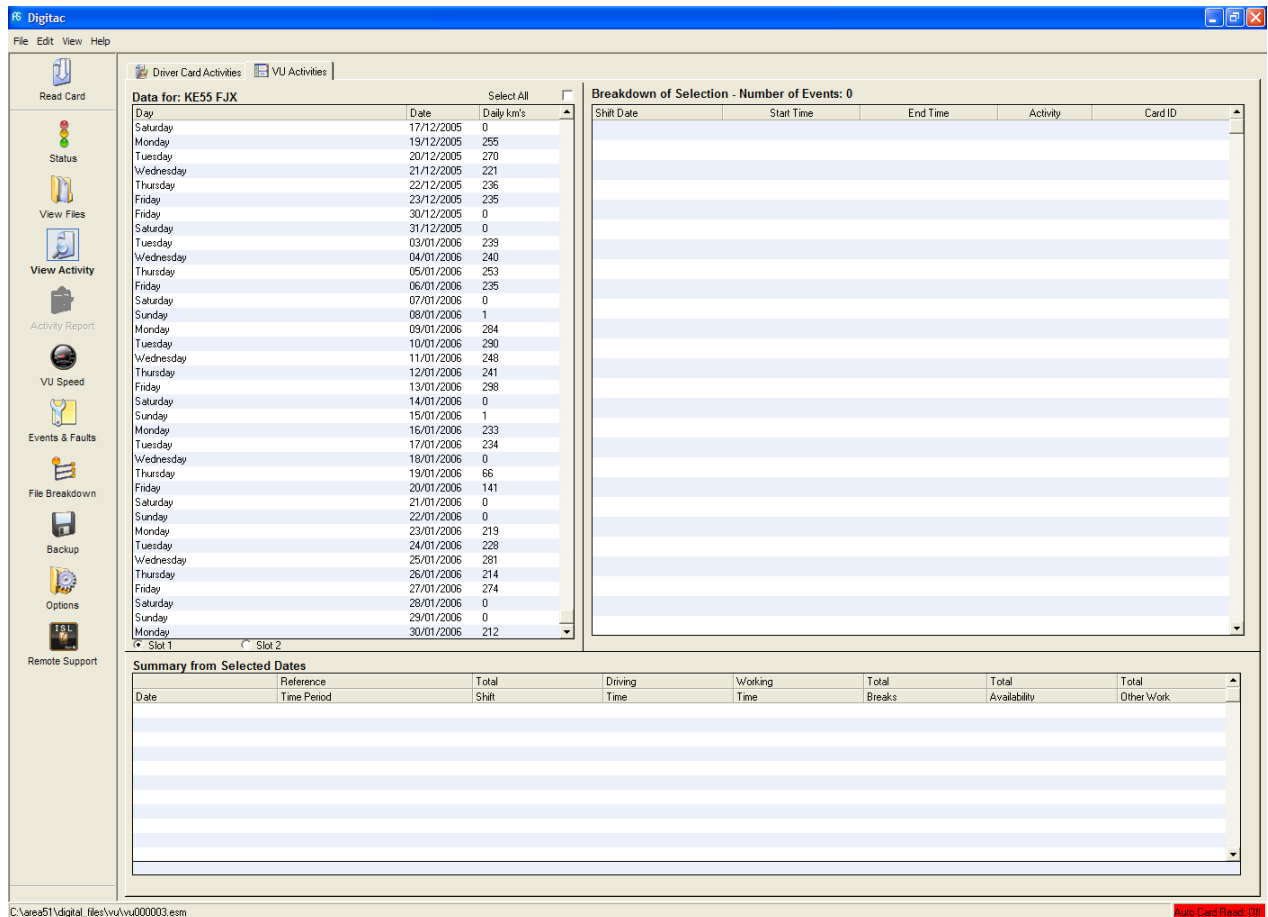
Once you have imported a Vehicle Unit file or drivers card file for the first time, the screen will change to include the vehicle or driver file that you have just imported. The screen will look like the following example:



Each time you import a new vehicle it will be added to the list.

View VU file detail

To view the information in each VU file follow the following process: single click and highlight the vehicle registration to view the latest VU file for that vehicle and then click on the “View Details” icon on the left hand side of the screen or double click the vehicle registration. This will present you the following screen:



The screenshot shows the Digitac software interface. The main window displays data for vehicle registration KE55 FJX. The interface is divided into several sections:

- Left Sidebar:** Contains navigation icons for Read Card, Status, View Files, View Activity, Activity Report, VU Speed, Events & Faults, File Breakdown, Backup, Options, and Remote Support.
- Main Data Table:** Titled "Data for: KE55 FJX". It has columns for Day, Date, and Daily km's. It lists data for each day from 17/12/2005 to 30/01/2006.
- Breakdown of Selection - Number of Events: 0:** A table with columns for Shift Date, Start Time, End Time, Activity, and Card ID. It is currently empty.
- Summary from Selected Dates:** A table with columns for Date, Reference Time Period, Total Shift, Driving Time, Working Time, Total Breaks, Total Availability, and Total Other Work. It is currently empty.

At the bottom of the window, the file path is shown as C:\area51\digital_files\vuvu000003.esm and there is a red "Auto Card Read Off" indicator.

On the left hand side of the screen, click on the days of the week that you wish view and they will automatically appear on the right hand side of the screen. This will display a detailed activity view and will also show a shift summary level at the bottom of the screen.

Digitac

File Edit View Help

Driver Card Activities | VU Activities

Read Card

Status

View Files

View Activity

Activity Report

VU Speed

Events & Faults

File Breakdown

Backup

Options

Remote Support

Data for: KE55 FJX Select All

| Day | Date | Daily km's |
|-----------|------------|------------|
| Saturday | 17/12/2005 | 0 |
| Monday | 19/12/2005 | 255 |
| Tuesday | 20/12/2005 | 270 |
| Wednesday | 21/12/2005 | 221 |
| Thursday | 22/12/2005 | 236 |
| Friday | 23/12/2005 | 235 |
| Friday | 30/12/2005 | 0 |
| Saturday | 31/12/2005 | 0 |
| Tuesday | 03/01/2006 | 239 |
| Wednesday | 04/01/2006 | 240 |
| Thursday | 05/01/2006 | 253 |
| Friday | 06/01/2006 | 235 |
| Saturday | 07/01/2006 | 0 |
| Sunday | 08/01/2006 | 1 |
| Monday | 09/01/2006 | 284 |
| Tuesday | 10/01/2006 | 290 |
| Wednesday | 11/01/2006 | 248 |
| Thursday | 12/01/2006 | 241 |
| Friday | 13/01/2006 | 298 |
| Saturday | 14/01/2006 | 0 |
| Sunday | 15/01/2006 | 1 |
| Monday | 16/01/2006 | 233 |
| Tuesday | 17/01/2006 | 234 |
| Wednesday | 18/01/2006 | 0 |
| Thursday | 19/01/2006 | 66 |
| Friday | 20/01/2006 | 141 |
| Saturday | 21/01/2006 | 0 |
| Sunday | 22/01/2006 | 0 |
| Monday | 23/01/2006 | 219 |
| Tuesday | 24/01/2006 | 228 |
| Wednesday | 25/01/2006 | 281 |
| Thursday | 26/01/2006 | 214 |
| Friday | 27/01/2006 | 274 |
| Saturday | 28/01/2006 | 0 |
| Sunday | 29/01/2006 | 0 |
| Monday | 30/01/2006 | 212 |

Slot 1 Slot 2

Breakdown of Selection - Number of Events: 453

| Shift Date | Start Time | End Time | Activity | Name |
|------------|------------|----------|----------|------------------|
| 19/12/2005 | 00:00:00 | 03:48:00 | X | Not Present |
| 19/12/2005 | 03:48:00 | 03:50:00 | ⊕ | Not Present |
| 19/12/2005 | 03:50:00 | 05:03:00 | X | Not Present |
| 19/12/2005 | 05:03:00 | 05:04:00 | ⊕ | Not Present |
| 19/12/2005 | 05:04:00 | 06:41:00 | X | Not Present |
| 19/12/2005 | 06:41:00 | 06:56:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 06:56:00 | 06:58:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 06:58:00 | 07:01:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 07:01:00 | 07:44:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 07:44:00 | 07:49:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 07:49:00 | 07:55:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 07:55:00 | 08:00:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 08:00:00 | 08:02:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 08:02:00 | 08:11:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 08:11:00 | 08:18:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 08:18:00 | 08:21:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 08:21:00 | 08:36:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 08:36:00 | 08:42:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 08:42:00 | 08:43:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 08:43:00 | 08:53:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 08:53:00 | 08:59:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 08:59:00 | 09:01:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 09:01:00 | 09:03:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 09:03:00 | 09:05:00 | X | STEPHEN WESTBURY |
| 19/12/2005 | 09:05:00 | 09:08:00 | ⊕ | STEPHEN WESTBURY |
| 19/12/2005 | 09:08:00 | 09:13:00 | X | STEPHEN WESTBURY |

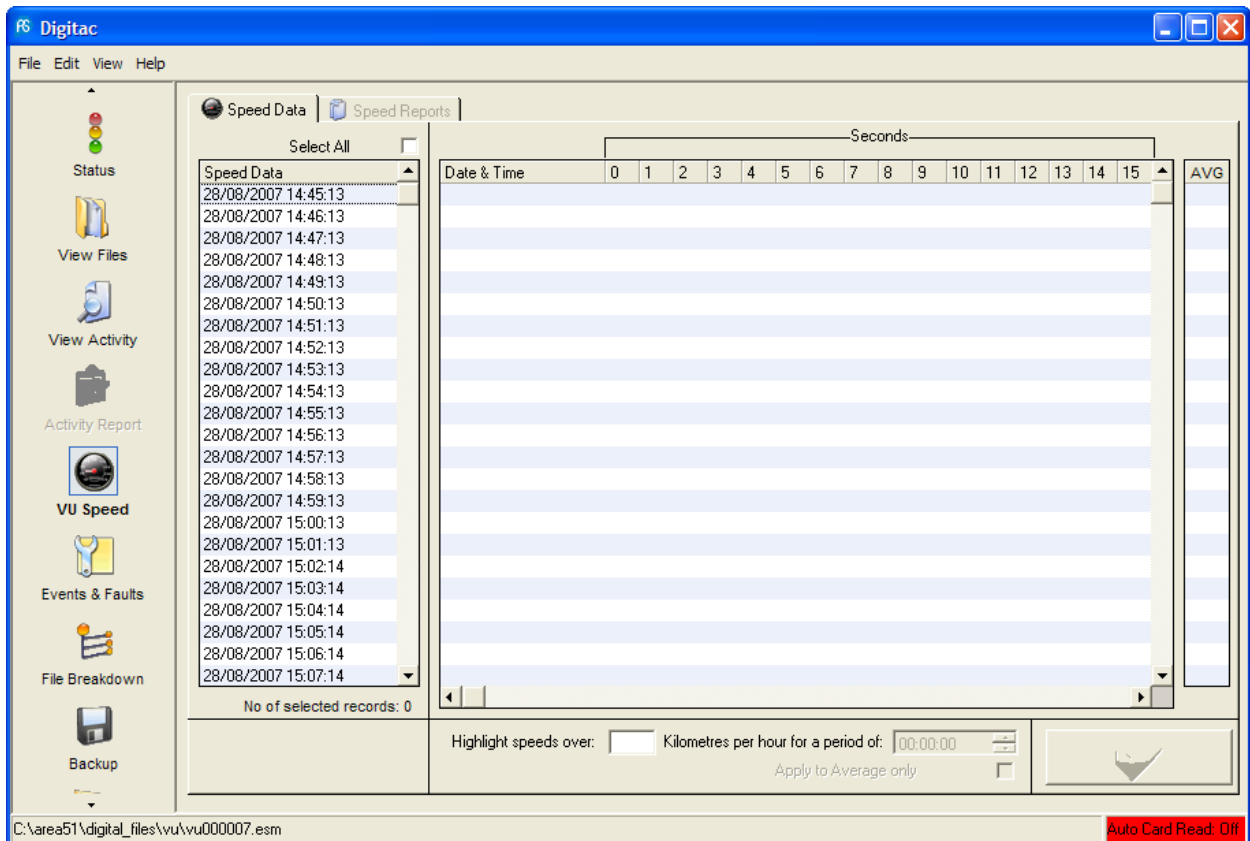
Summary from Selected Dates

| Reference | Date | Total Shift | Driving Time | Working Time | Total Breaks | Total Availability | Total Other Work |
|------------|---------------|-------------|--------------|--------------|--------------|--------------------|------------------|
| 19/12/2005 | 00:00 - 19:08 | 19:08 | 07:08 | 17:33 | 00:53 | 00:42 | 10:25 |
| 20/12/2005 | 00:00 - 20:43 | 20:43 | 08:17 | 19:49 | 00:54 | 00:00 | 11:32 |
| 21/12/2005 | 00:00 - 20:18 | 20:18 | 07:03 | 19:27 | 00:51 | 00:00 | 12:24 |
| 22/12/2005 | 00:00 - 23:43 | 23:43 | 06:25 | 22:55 | 00:48 | 00:00 | 16:30 |
| 23/12/2005 | 00:00 - 17:56 | 17:56 | 05:42 | 16:55 | 01:01 | 00:00 | 11:13 |
| | | 101:48 | 34:35 | 96:39 | 04:27 | 00:42 | 62:04 |

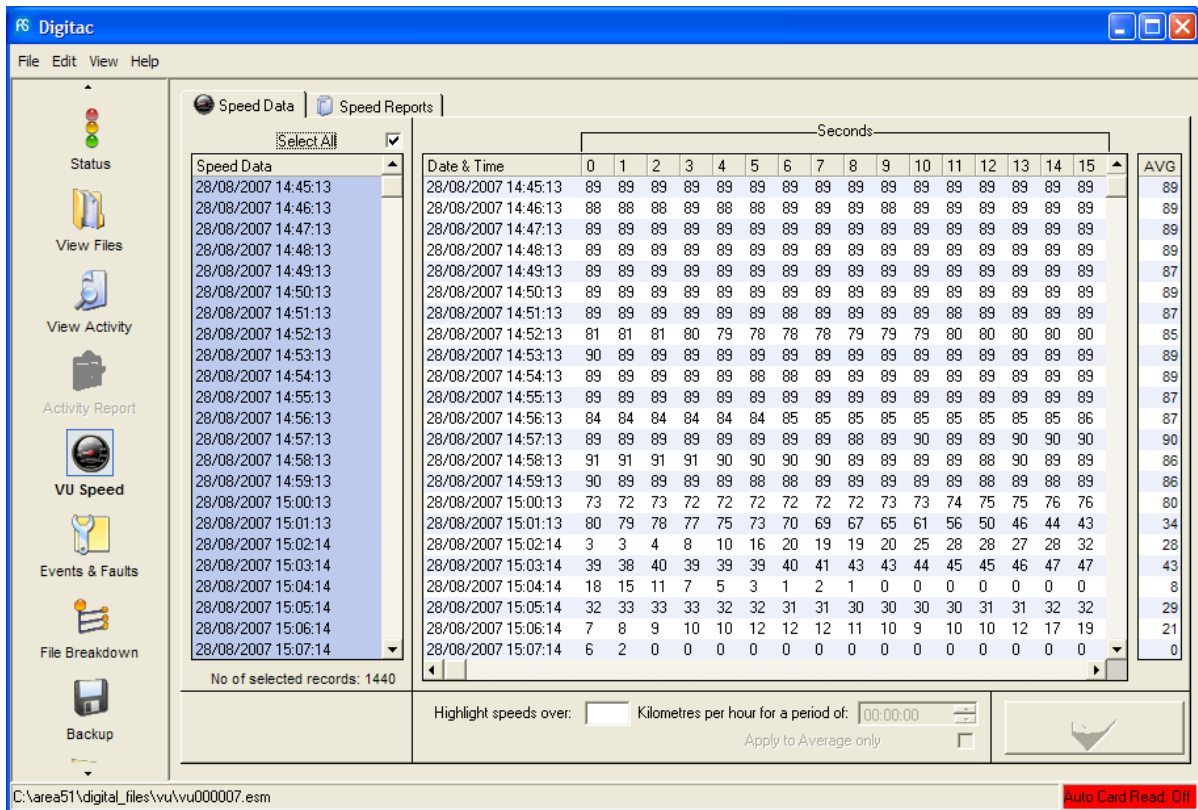
C:\area51\digital_files\vuvu000003.em Auto Card Read On

Speed detail

Speed detail can be viewed for each VU file that has been imported into RS DigiTac. Click on the “View Files” icon on the left hand side of the screen. Then double click the file that you wish to view. Finally click the “VU Speed” icon on the left hand side to view the speed detail. You will be presented with a screen similar to this:



Select the minute(s) of the day you wish to examine or tick “Select All” at the top of the screen. The screen will then change to look similar to this:

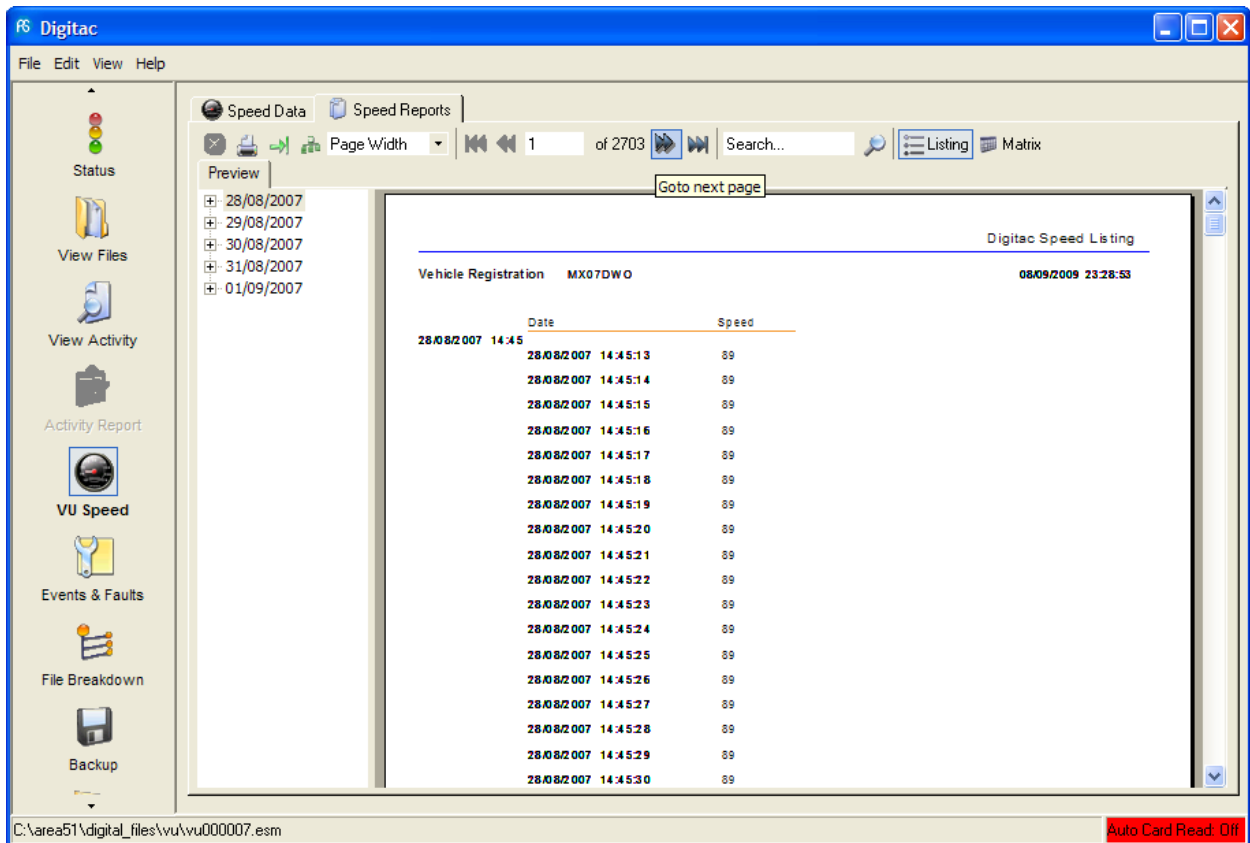


The screenshot shows the RS Digitac software interface. The main window displays a table of speed data for a specific vehicle (VU 000007) on 28/08/2007. The table has columns for 'Date & Time' and 16 seconds of data, plus an 'AVG' column. The data shows speeds fluctuating between approximately 6 and 91 km/h. Below the table, there is a 'Highlight speeds over' field and a 'Kilometres per hour for a period of' field set to 00:00:00. The interface also includes a sidebar with navigation options like 'Status', 'View Files', 'View Activity', 'Activity Report', 'VU Speed', 'Events & Faults', 'File Breakdown', and 'Backup'. The status bar at the bottom indicates the file path and 'Auto Card Read: Off'.

| Date & Time | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AVG |
|---------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 28/08/2007 14:45:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:46:13 | 88 | 88 | 88 | 89 | 88 | 88 | 89 | 89 | 88 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:47:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:48:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:49:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 87 |
| 28/08/2007 14:50:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:51:13 | 89 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 89 | 89 | 88 | 89 | 89 | 89 | 89 | 89 | 87 |
| 28/08/2007 14:52:13 | 81 | 81 | 81 | 80 | 79 | 78 | 78 | 78 | 79 | 79 | 79 | 80 | 80 | 80 | 80 | 80 | 85 |
| 28/08/2007 14:53:13 | 90 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:54:13 | 89 | 89 | 89 | 89 | 89 | 88 | 88 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 28/08/2007 14:55:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 87 |
| 28/08/2007 14:56:13 | 84 | 84 | 84 | 84 | 84 | 84 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 86 | 87 |
| 28/08/2007 14:57:13 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 90 | 89 | 89 | 90 | 90 | 90 | 90 |
| 28/08/2007 14:58:13 | 91 | 91 | 91 | 91 | 90 | 90 | 90 | 90 | 89 | 89 | 89 | 89 | 88 | 90 | 89 | 89 | 86 |
| 28/08/2007 14:59:13 | 90 | 89 | 89 | 89 | 89 | 88 | 88 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 88 | 89 | 86 |
| 28/08/2007 15:00:13 | 73 | 72 | 73 | 72 | 72 | 72 | 72 | 72 | 72 | 73 | 73 | 74 | 75 | 75 | 76 | 76 | 80 |
| 28/08/2007 15:01:13 | 80 | 79 | 78 | 77 | 75 | 73 | 70 | 69 | 67 | 65 | 61 | 56 | 50 | 46 | 44 | 43 | 34 |
| 28/08/2007 15:02:14 | 3 | 3 | 4 | 8 | 10 | 16 | 20 | 19 | 19 | 20 | 25 | 28 | 28 | 27 | 28 | 32 | 28 |
| 28/08/2007 15:03:14 | 39 | 38 | 40 | 39 | 39 | 39 | 40 | 41 | 43 | 43 | 44 | 45 | 45 | 46 | 47 | 47 | 43 |
| 28/08/2007 15:04:14 | 18 | 15 | 11 | 7 | 5 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 28/08/2007 15:05:14 | 32 | 33 | 33 | 33 | 32 | 32 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 32 | 29 |
| 28/08/2007 15:06:14 | 7 | 8 | 9 | 10 | 10 | 12 | 12 | 12 | 11 | 10 | 9 | 10 | 10 | 12 | 17 | 19 | 21 |
| 28/08/2007 15:07:14 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

You can use the “Highlight speeds over” function to search for specific instances of excessive speed.

The speed report of the selected data can be viewed and printed by selecting the “Speed Reports” tab at the top of the screen.

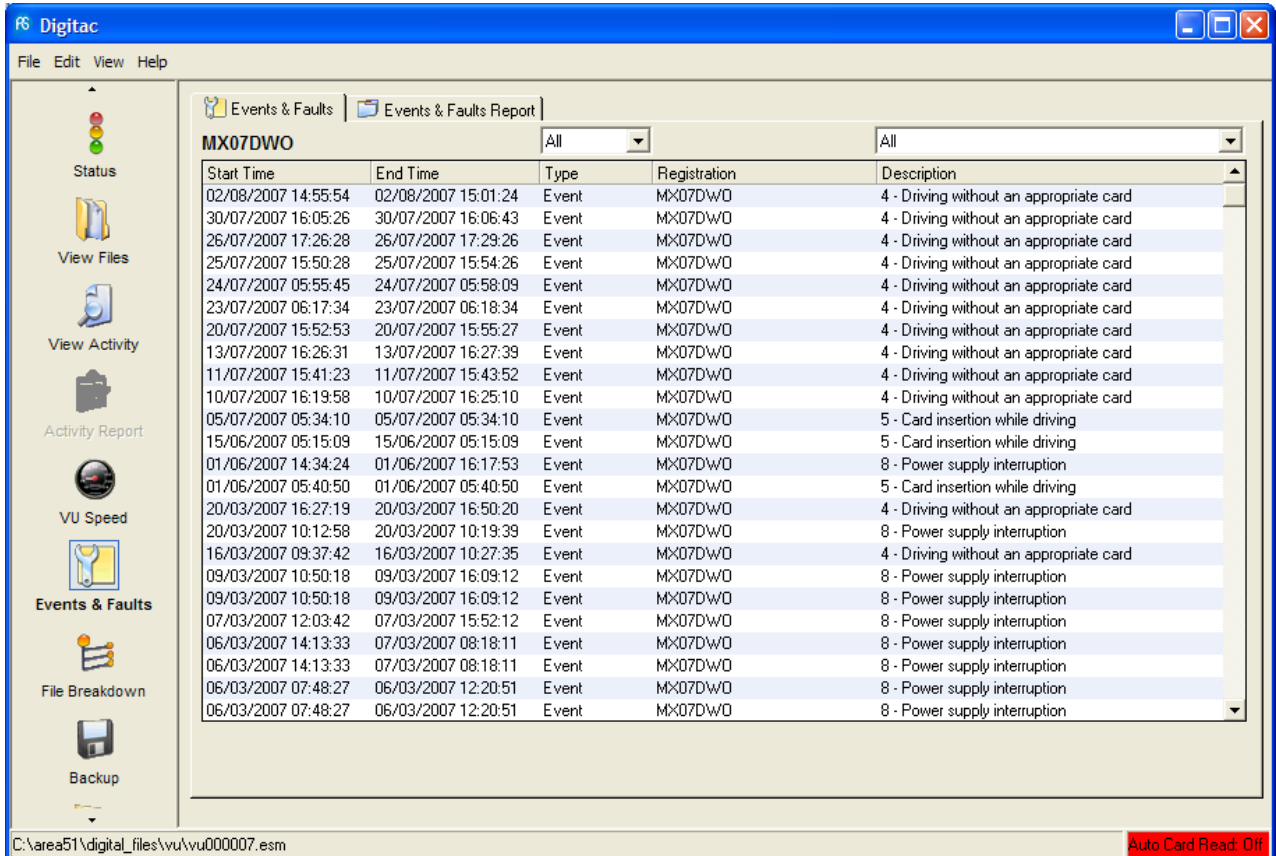


NOTE

The digital tachograph only records the last 24 hours of speed activities. After approx. 24 hours of driving, the data will be overwritten by the digital tachograph.

Events and Faults

Events and Faults detail can be viewed for each VU file that has been imported into RS DigiTac. Click on the “View Files” icon on the left hand side of the screen. Then double click the file that you wish to view. Finally click the “Events & Faults” icon on the left hand side to view the Events and Faults detail. You will be presented with a screen similar to this:

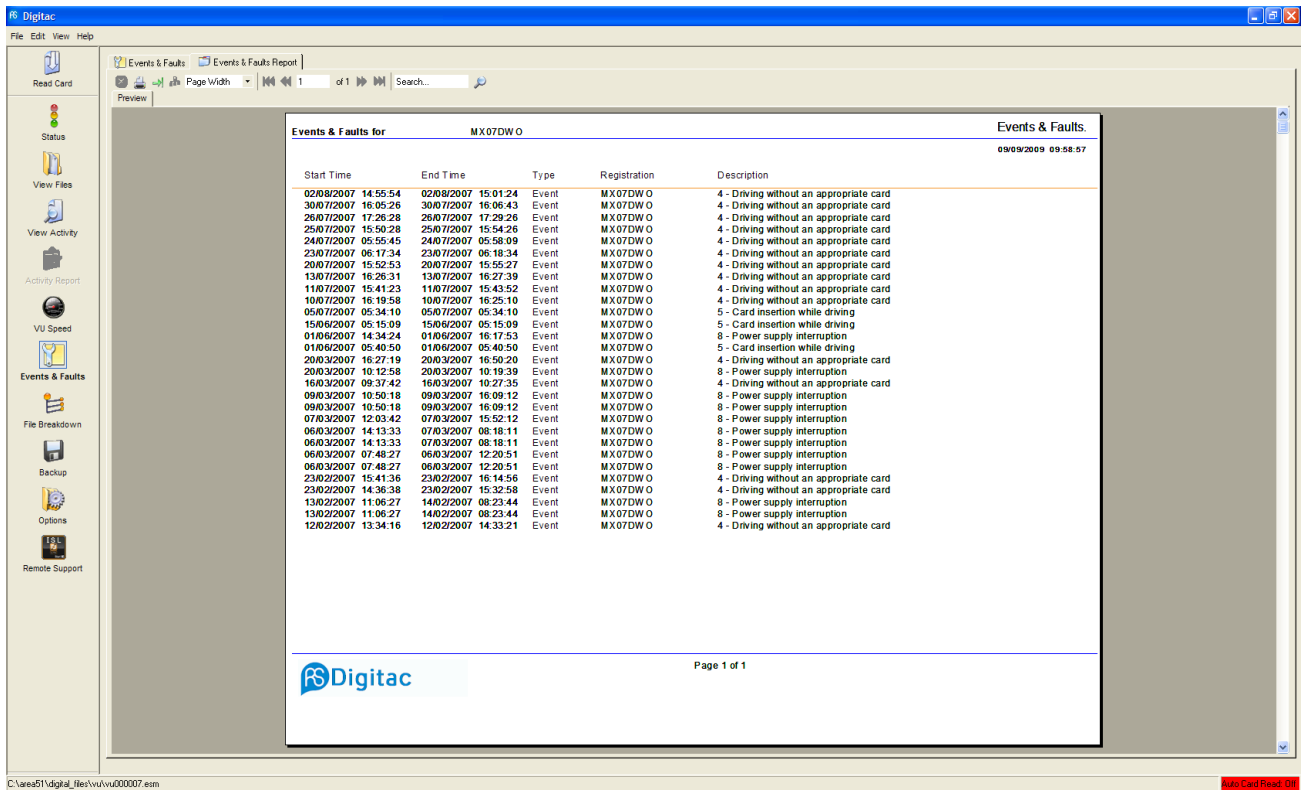


The screenshot shows the RS DigiTac software interface. The main window displays the 'Events & Faults' report for VU file MX07DWO. The report is a table with the following columns: Start Time, End Time, Type, Registration, and Description. The data is as follows:

| Start Time | End Time | Type | Registration | Description |
|---------------------|---------------------|-------|--------------|---|
| 02/08/2007 14:55:54 | 02/08/2007 15:01:24 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 30/07/2007 16:05:26 | 30/07/2007 16:06:43 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 26/07/2007 17:26:28 | 26/07/2007 17:29:26 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 25/07/2007 15:50:28 | 25/07/2007 15:54:26 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 24/07/2007 05:55:45 | 24/07/2007 05:58:09 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 23/07/2007 06:17:34 | 23/07/2007 06:18:34 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 20/07/2007 15:52:53 | 20/07/2007 15:55:27 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 13/07/2007 16:26:31 | 13/07/2007 16:27:39 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 11/07/2007 15:41:23 | 11/07/2007 15:43:52 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 10/07/2007 16:19:58 | 10/07/2007 16:25:10 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 05/07/2007 05:34:10 | 05/07/2007 05:34:10 | Event | MX07DWO | 5 - Card insertion while driving |
| 15/06/2007 05:15:09 | 15/06/2007 05:15:09 | Event | MX07DWO | 5 - Card insertion while driving |
| 01/06/2007 14:34:24 | 01/06/2007 16:17:53 | Event | MX07DWO | 8 - Power supply interruption |
| 01/06/2007 05:40:50 | 01/06/2007 05:40:50 | Event | MX07DWO | 5 - Card insertion while driving |
| 20/03/2007 16:27:19 | 20/03/2007 16:50:20 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 20/03/2007 10:12:58 | 20/03/2007 10:19:39 | Event | MX07DWO | 8 - Power supply interruption |
| 16/03/2007 09:37:42 | 16/03/2007 10:27:35 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 09/03/2007 10:50:18 | 09/03/2007 16:09:12 | Event | MX07DWO | 8 - Power supply interruption |
| 09/03/2007 10:50:18 | 09/03/2007 16:09:12 | Event | MX07DWO | 8 - Power supply interruption |
| 07/03/2007 12:03:42 | 07/03/2007 15:52:12 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 14:13:33 | 07/03/2007 08:18:11 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 14:13:33 | 07/03/2007 08:18:11 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 07:48:27 | 06/03/2007 12:20:51 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 07:48:27 | 06/03/2007 12:20:51 | Event | MX07DWO | 8 - Power supply interruption |

The interface also shows a sidebar with icons for Status, View Files, View Activity, Activity Report, VU Speed, Events & Faults (selected), File Breakdown, and Backup. The status bar at the bottom indicates 'Auto Card Read: Off'.

The report can be viewed or print the report by clicking the “Events & Faults Report” tab at the top of the screen.



Digitac

File Edit View Help

Events & Faults Events & Faults Report

Read Card

Status

View Files

View Activity

Activity Report

VU Speed

Events & Faults

File Breakdown

Backup

Options

Remote Support

Events & Faults for MX07DWO

Events & Faults
09/09/2007 09:58:57

| Start Time | End Time | Type | Registration | Description |
|---------------------|---------------------|-------|--------------|---|
| 02/08/2007 14:55:54 | 02/08/2007 15:01:24 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 30/07/2007 16:05:26 | 30/07/2007 16:06:43 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 26/07/2007 17:26:28 | 26/07/2007 17:29:26 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 25/07/2007 15:50:28 | 25/07/2007 15:54:26 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 24/07/2007 05:55:45 | 24/07/2007 05:58:09 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 23/07/2007 06:17:34 | 23/07/2007 06:18:34 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 20/07/2007 15:52:53 | 20/07/2007 15:55:27 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 13/07/2007 16:26:31 | 13/07/2007 16:27:39 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 11/07/2007 15:41:23 | 11/07/2007 15:43:52 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 10/07/2007 16:19:58 | 10/07/2007 16:25:10 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 05/07/2007 05:34:10 | 05/07/2007 05:34:10 | Event | MX07DWO | 5 - Card insertion while driving |
| 15/06/2007 05:15:09 | 15/06/2007 05:15:09 | Event | MX07DWO | 5 - Card insertion while driving |
| 01/06/2007 14:34:24 | 01/06/2007 16:17:53 | Event | MX07DWO | 8 - Power supply interruption |
| 01/06/2007 05:40:50 | 01/06/2007 05:40:50 | Event | MX07DWO | 5 - Card insertion while driving |
| 20/03/2007 16:27:19 | 20/03/2007 16:50:20 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 20/03/2007 10:12:58 | 20/03/2007 10:19:39 | Event | MX07DWO | 8 - Power supply interruption |
| 16/03/2007 09:37:42 | 16/03/2007 10:27:35 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 09/03/2007 10:50:18 | 09/03/2007 16:09:12 | Event | MX07DWO | 8 - Power supply interruption |
| 09/03/2007 10:50:18 | 09/03/2007 16:09:12 | Event | MX07DWO | 8 - Power supply interruption |
| 07/03/2007 12:03:42 | 07/03/2007 15:52:12 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 14:13:33 | 07/03/2007 08:18:11 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 14:13:33 | 07/03/2007 08:18:11 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 07:48:27 | 06/03/2007 12:20:51 | Event | MX07DWO | 8 - Power supply interruption |
| 06/03/2007 07:48:27 | 06/03/2007 12:20:51 | Event | MX07DWO | 8 - Power supply interruption |
| 23/02/2007 15:41:36 | 23/02/2007 16:14:56 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 23/02/2007 14:36:38 | 23/02/2007 15:32:58 | Event | MX07DWO | 4 - Driving without an appropriate card |
| 13/02/2007 11:06:27 | 14/02/2007 08:23:44 | Event | MX07DWO | 8 - Power supply interruption |
| 13/02/2007 11:06:27 | 14/02/2007 08:23:44 | Event | MX07DWO | 8 - Power supply interruption |
| 12/02/2007 13:34:16 | 12/02/2007 14:33:21 | Event | MX07DWO | 4 - Driving without an appropriate card |

Digitac

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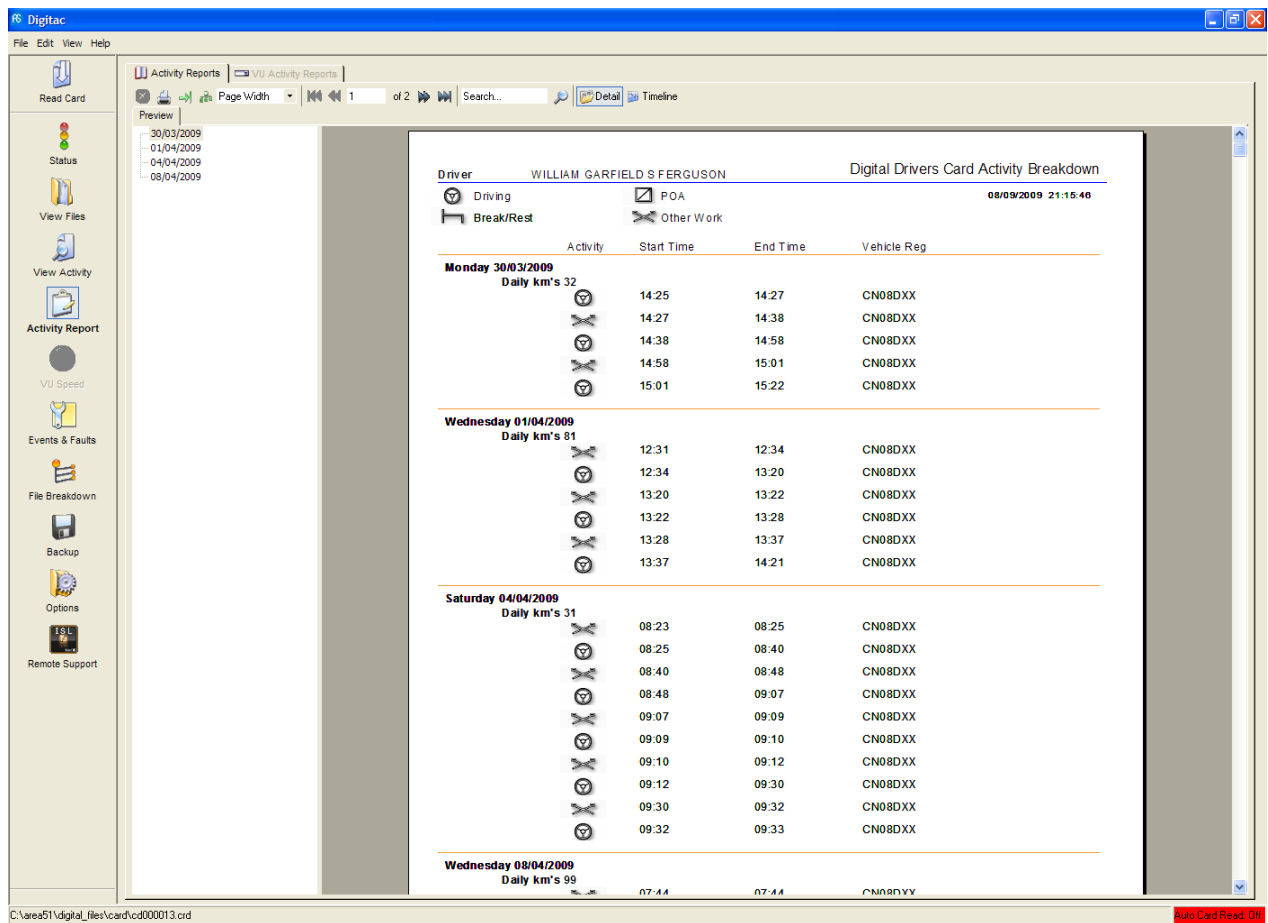
C:\area51\digital_files\vuvu000007.esm

Read Card

Printing reports

If you are in the detail screen for either a drivers card file or VU file, you can only print what is currently being viewed on screen, to do this click on the “Reporting” icon on the left hand side of the screen.

The following screen will appear:

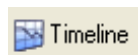


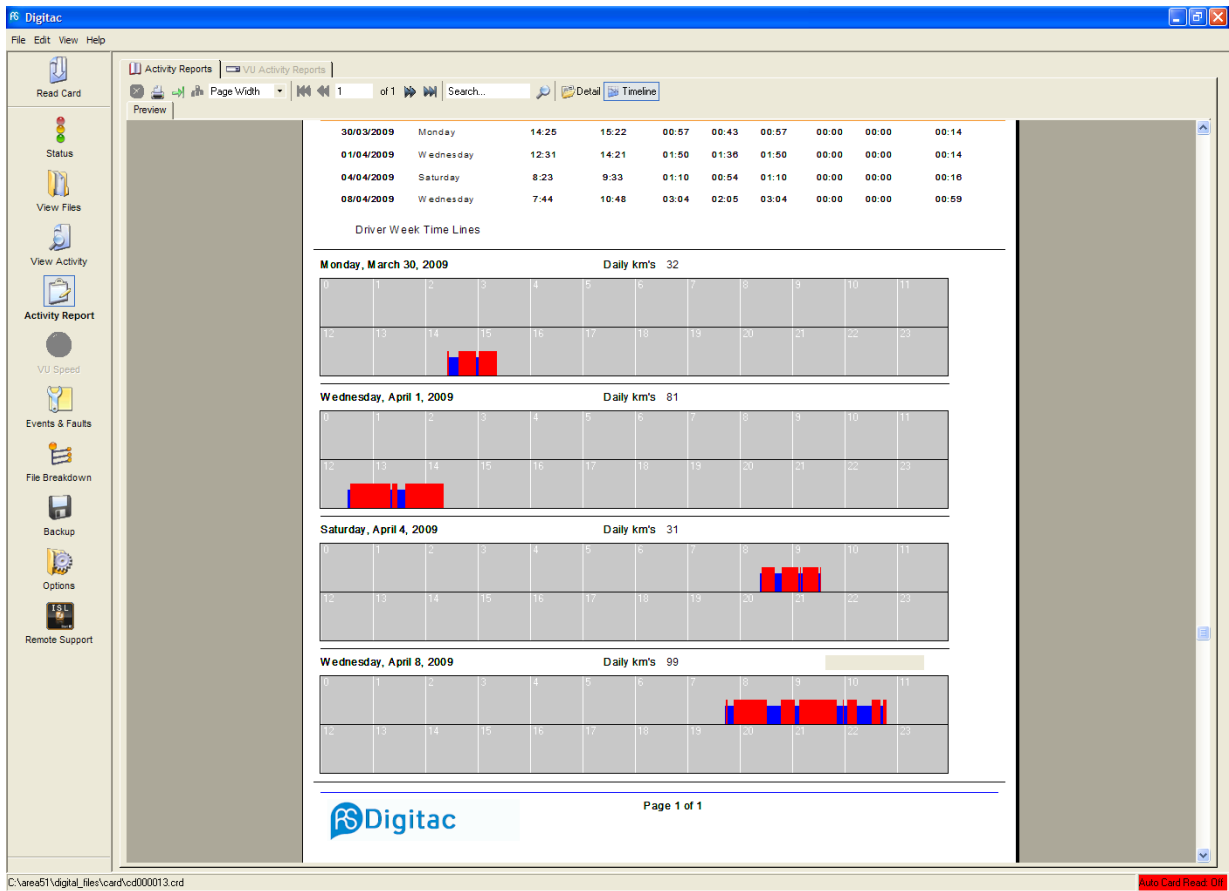
Driver WILLIAM GARFIELD S FERGUSON **Digital Drivers Card Activity Breakdown**
08/09/2009 21:15:46

Driving POA
 Break/Rest Other Work

| Activity | Start Time | End Time | Vehicle Reg |
|-----------------------------|------------|----------|-------------|
| Monday 30/03/2009 | | | |
| Daily km's 32 | | | |
| ⊗ | 14:25 | 14:27 | CN08DXX |
| ⊗ | 14:27 | 14:38 | CN08DXX |
| ⊗ | 14:38 | 14:58 | CN08DXX |
| ⊗ | 14:58 | 15:01 | CN08DXX |
| ⊗ | 15:01 | 15:22 | CN08DXX |
| Wednesday 01/04/2009 | | | |
| Daily km's 81 | | | |
| ⊗ | 12:31 | 12:34 | CN08DXX |
| ⊗ | 12:34 | 13:20 | CN08DXX |
| ⊗ | 13:20 | 13:22 | CN08DXX |
| ⊗ | 13:22 | 13:28 | CN08DXX |
| ⊗ | 13:28 | 13:37 | CN08DXX |
| ⊗ | 13:37 | 14:21 | CN08DXX |
| Saturday 04/04/2009 | | | |
| Daily km's 31 | | | |
| ⊗ | 08:23 | 08:25 | CN08DXX |
| ⊗ | 08:25 | 08:40 | CN08DXX |
| ⊗ | 08:40 | 08:48 | CN08DXX |
| ⊗ | 08:48 | 09:07 | CN08DXX |
| ⊗ | 09:07 | 09:09 | CN08DXX |
| ⊗ | 09:09 | 09:10 | CN08DXX |
| ⊗ | 09:10 | 09:12 | CN08DXX |
| ⊗ | 09:12 | 09:30 | CN08DXX |
| ⊗ | 09:30 | 09:32 | CN08DXX |
| ⊗ | 09:32 | 09:33 | CN08DXX |
| Wednesday 08/04/2009 | | | |
| Daily km's 99 | | | |
| ⊗ | 07:44 | 07:44 | CN08DXX |

This is a report preview. The view can be changed to incorporate the Timeline information by clicking the icon at the top of the screen.






Both of the reports can be printed by clicking the printer icon at the top of the report screen.

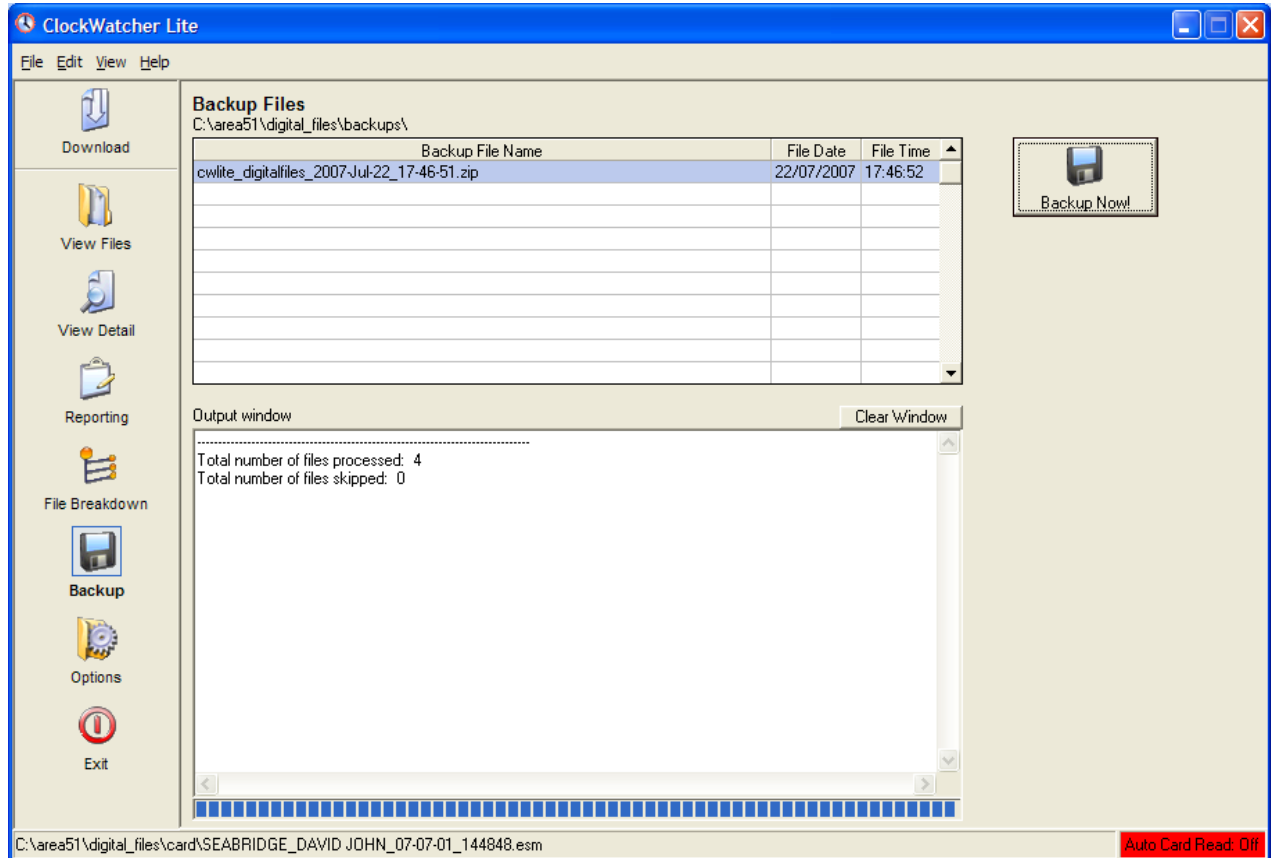


Exporting Reports

Both of the reports can be exported to one of three formats PDF, MS Excel or MS Word. Click on the green arrow icon at the top of the screen  and choose which format to export to and where to store the file.

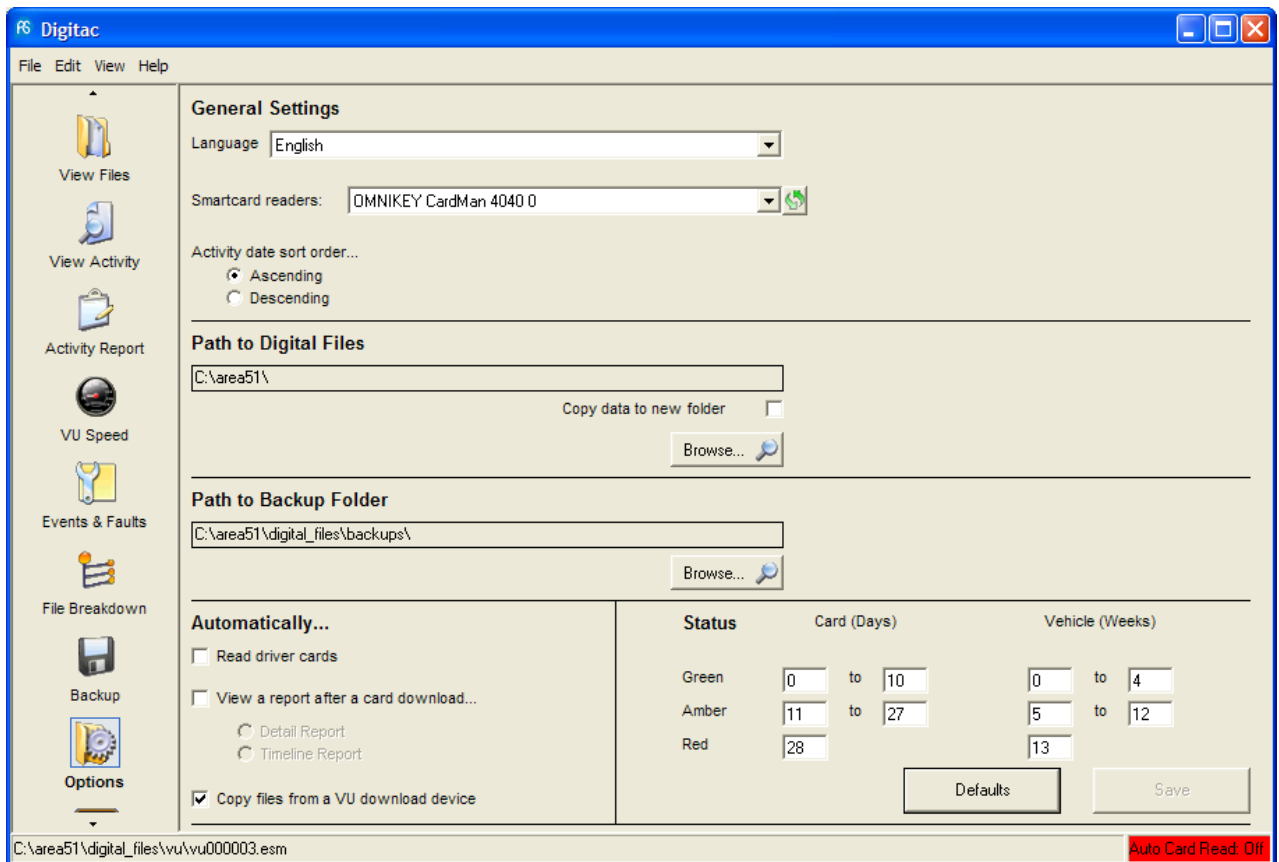
Backup

The backup utility will allow you to copy/backup all your essential card and vehicle unit files to any location that you choose. Click on the “Backup Now!”.



To change the location of the backup files, click on the “Options” icon and “Browse” under “Path to Backup Folder”.

Options



Language

There are a number of languages included within the RS DigiTac package. Use the drop down menu to select a different language.

Smartcard readers

If you have multiple card readers attached to your PC, you can choose which reader to use by selecting the appropriate reader.

Activity date sort order....

You can select the sort order the driver or vehicle activity will be listed in on the detail screen.

Path to Digital Files

The location of your digital files can be changed to be stored in a location of your choice, such as a network location. When inspection of your files is requested by the authorities you can find the files in this folder.

Path to Backup Folder

This will change the location of the backup files.

Automatically...

The “Automatically” option allows you set them into automatic mode, which means each time a driver’s card is inserted into a card reader the card will automatically be read. This function can also be extended to the vehicle unit download tool. RS DigiTac will work with any standard vehicle unit file. RS DigiTac will automatically read information from the following Download tools:

- Digidown
- Optac
- Siemens VDO Download Key

Status

The Status parameters can be used to control the “Traffic Light” system on the “Status” screen to set the number of days when the status color will change.

Remote Support

In the event that any support issue cannot be resolved via email or telephone. Remote Support allows us to facilitate a quicker resolution to your operational problems. This software allows us, after your permission of course, that we can set up a direct connection and control your desktop.



What to do when inspection requests data from you?

Files Location

By default, the software will be installed in the following location on your PC:

C:\Program Files\Digitac\digital_files.

This is the folder where you can find the driver card and vehicle (vu) files, together with your backups, if needed.

Files Name: Driver Card Files & VU Files

These files have a standard format, called “.ddd”, which cannot be visualized without a software for digital tachographs, as it is RS DigiTac. Only using such a software you will be able to be aware of all your driver’s/vehicle’s activities, respectively comply with the European Law Regulation regarding digital tachographs.

Driver Card Files Format

E.g.: “C_20081024_1503_H_Vermeer_B0001403170000.DDD”.

As you can see, the name of the file includes the date for the last activity of the driver (2008/10/24), together with the time when the last activity was made (15:03) and the name of the specific driver.

VU Files Format

E.g.: “M_20080908_1422_BT-DB-46_WDB9342231L236422.DDD”.

The name of a VU file also includes the date for the last activity of the vehicle (2008/09/08), along with the time when the last activity was made (14:22) and the identification of the specific vehicle.

These being considered, when inspection requires you data for a specific period, you need to pick a file only after the period mentioned by the inspector. Knowing how a file name is build (for a driver card/for a vehicle), you will know exactly how to choose the right file and to present the right data to the inspector.

NOTE

When needed, you can see the date and time corresponding to the last download, by selecting a specific driver or vehicle file and pressing the button “View Files”, from the left side menu of the software.

Thank you for choosing the RoadSoft products!

Contact Details

www.rs-roadsoft.co.uk | tel.: +44 2033181048