We strongly recommend you read this guide completely before attempting to use Bowmonk Connected for the first time.

Section 1 - Getting started with Bowmonk Connected

Overview

'Bowmonk Connected' is the name given to Bowmonk's range of electronic decelerometers that are suitable for use with the 'Connected MOT' facility of the DVSA's MOT Test system (known as 'MTS').

MTS now has the ability to *automatically* accept results from the items of garage equipment used to perform an MOT test, for example rolling road brake testers or emissions analysers, etc. However, Bowmonk decelerometers are hand-held and portable so some manual actions are still required.

These devices communicate directly with MTS over your existing internet connection when performing an MOT test. This actually speeds up the process of performing an MOT test.

Bowmonk periodically update 'Bowmonk Connected', so before installing and using Bowmonk Connected, please visit <u>www.bowmonk.com/mts</u> and check you are using the latest Release version available. **Please Note: This guide is for the 'Release 1.0' version of Bowmonk Connected, which was released in November 2019.**

There are two parts to Bowmonk Connected.

- The portable decelerometer device itself.
- A software program running on <u>at least</u> one computer at the Vehicle Testing Station (VTS).
- The software program is <u>only</u> for use with Bowmonk Connected compatible decelerometers.
- Please see the pictures below to identify the type of equipment you have.

Tapley EBM	Brakecheck Series 2	Brakecheck Series 1
	BOWMONK Para BrakeCheck Serie 2	<section-header></section-header>

User Manuals for the Tapley EBM and Brakecheck decelerometers shown above are provided on the USB 'Thumb Drive' supplied with your Bowmonk Connected device.



The "Thumb Drive" supplied looks like this:

The actual in-vehicle testing process involving Brakecheck units has not changed, but existing users of an older, non-connected Tapley EBM device should read the new manual as the control button function has been updated.

The computer that the software program is used on MUST :-

- Be running Microsoft Windows 7 or later (Both 32-Bit and 64-Bit versions are supported).
- Have a reliable connection to the Internet.
- Have at least one USB port available for use.

Most test stations use the same PC that the tester(s) already use to work with MTS.

The MOT Test uses the terms 'Service Brake' and 'Parking Brake', however Bowmonk Connected uses the terms 'Service Brake' and 'Hand Brake' throughout.

Step 1.1 : DVSA-Issued 'Key' Certificate Package.

Before using any item of 'connected' equipment, your testing site must apply to the DVSA for a 'certificate package' known as a 'Key'. The DVSA will then send you a file containing information that allows your Bowmonk Connected system to communicate directly with MTS.

These security certificates are just as important as a user name and password. They should be treated as such when it comes to your internal security policies. If you lose this information or you suspect that it has been used outside your organization, we recommend you contact the DVSA for a replacement key.

You will require one unique 'key' for each computer testers will be using during the MOT process, even if your VTS only has one Bowmonk Connected decelerometer. Each 'Key' <u>must</u> be a 'Single Client' key.

To obtain your 'Key' from the DVSA, e-mail <u>motadministration@dvsa.gov.uk</u> at least 14 calendar days before your equipment is due to be used.

You need to include this information in your email:

- Your MOT centre number (sometimes called 'vehicle testing station' or 'VTS' number).
- Your AE name and number.
- Why you need a key, for example, you're installing new equipment, or you've lost the original key.
- The name, role, username (if applicable) and e-mail address of the person who needs to be sent the key.
- Which type of equipment is being installed (in this case a 'Bowmonk Connected' Decelerometer).
- Which type of 'key' you require. For Bowmonk Connected units, this **must** be a 'Single Client' key.

The DVSA will then e-mail the 'Key' information (as a 'zipped' file attachment) to the person nominated above.

You must store this information somewhere after use, as it will be needed during any Bowmonk Connected software upgrades.

Step 1.2 : Certificate Conversion

The 'Key' package(s) supplied by the DVSA are not suitable for use with Bowmonk Connected as they are, and require conversion to a different format before use.

Bowmonk has provided a simple utility program to perform this conversion for you. This is present on the USB 'Thumb Drive' supplied with your Bowmonk Connected device. You can find it in the '*KeyConverter*' folder.

To convert the DVSA-issued key package :-

1. Copy the 'Key' file(s) sent to by the DVSA into the 'KeyConverter' folder.



- 2. Double-click (run) the 'KeyConverter' program. Only the first available key file will be processed.
- 3. The utility will create a new folder containing the PC-specific converted key certificates and some information you will need when configuring each PC used below.

퉬 bin	
Bowmonk_Settings	EXAMPLECLIENT
🚹 ExampleKeyFile	Created
KeyConverter	Folder

Please note, if you have multiple DVSA Key files in this folder, you must 'left-click-drag-and-drop' the appropriate key file directly onto the Key converter utility, one after the other. This should only be necessary if you have more than one test lane, *and* have a computer in each lane.

4. Once all your DVSA Key files have been converted, please 'Eject' the USB Thumb drive **before** removing it from the computer. To do this, open the windows File Explorer, right-click on the drive you need to eject, then select the 'Eject' option from the pop-up menu.

1) Right-click on the USB "Thumb Drive" that		Expand
needs to be ejected		Open AutoPlay
2) Select the 'Eject' option from the pop-up menu	٥	Open in new window TreeSize Free Share with Open as Portable Device
▲ 詞 Libraries ▷ 📑 Documents	\mathbf{i}	Format Eject
 Music Pictures Videos 		Cut Copy
		Rename
🛯 🖳 Computer		New 🕨
▶ ▲ PC3206 (C:) → Bowmonk MTS R1.0 (E:)		Properties
▶ 🗣		

Step 1.3 : Installation of the Bowmonk Connected software

The Bowmonk Connected software needs to be installed on <u>each computer</u> in your VTS that will be used to send decelerometer test results when performing MOT tests.

It can be found on the USB 'Thumb Drive' supplied with your Bowmonk Connected device, in the 'BowmonkConnected' folder.

To install the Bowmonk Connected software on a PC :-

- 1. Make sure the target PC is operating normally **AND** has a working connection to the Internet (Hint: You should be able to browse the Internet with a web browser).
- 2. Plug in the USB 'Thumb Drive' containing the software into a spare USB port.
- 3. Locate the 'Setup' program in the 'BowmonkConnected' folder.
- 4. Double-click (run) the 'setup' program, which will begin the installation process. If the computer asks if it OK to use this program, answer 'Yes'.

Bowmonk Con	nected			
Welcome t Wizard	o the Bown	nonk Connec	ted Setup	5
The installer will g computer.	iide you through th	ie steps required to in	istall Bowmonk Conn	ected on your
WARNING: This of Unauthorized dup or criminal penaltie	omputer program i ication or distributi s, and will be pros	is protected by copyri on of this program, or ecuted to the maximu	ght law and internatio any portion of it, may m extent possible un	nal treaties. result in severe civil fer the law.
				\frown

5. The installer program will present you with several options. We recommend you use the 'default' options, by clicking the button every time the installer program asks you for a decision. If you are prompted by the installer program to download and install a '.NET' package, please do so, as Bowmonk Connected will not function without this.

6. When the installer program says it has completed, click the 'Close' button.

Bowmonk Connected		
Installation Complete		
Bowmonk Connected has been successfully installed.		
Click "Close" to exit.		
Please use Windows Update to check for any critical updates to the .NET Framew	vork.	
Cancel < <u>B</u> ack	Close	
	—	

- 7. When the installer program finishes, you will find a new icon on your desktop. <u>DO NOT</u> use this yet.
- 8. Please run Windows Update and ensure that all current updates, especially for '.NET', are applied before using Bowmonk Connected. Bowmonk assume you are already know how to do this on your computer.

Step 1.4 : Configuration of the Bowmonk Connected software

Once the Bowmonk Connected software is installed on a computer, it needs to be configured before use. You will need to copy the converted 'Keys' assigned to this computer from the USB "Thumb Drive".

Step 1.4.1 : Virtual COM Port Driver Installation

Bowmonk recommend that you install the required 'Virtual COM Port' drivers at this point.

The driver installer is present on the USB 'Thumb Drive' supplied with your Bowmonk Connected device. You can find it in the '*VCP_Drivers*' folder.

BowmonkConnected
KeyConverter Virtual COM port
VCP_Drivers drivers folder

To install these drivers:-

- 1. Open the '*VCP_Drivers*' folder. You should find a single file inside.
- 2. Double-click this executable file and follow the instructions presented by the installer program. If you are asked if it OK for this program to make changes to the computer, click 'Yes'.
- 3. When the driver installer program starts, click the 'Extract' Button.

FTDI CDM Drivers	x
I	FTDI CDM Drivers Click 'Extract' to unpack version 2.12.28.2 of FTDI's Windows driver package and launch the installer.
	www.ftdichip.com
	< Back Extract Cancel

4. The installer will then continue. Press the 'Next' button.

Device Driver Installation Wizar	d
	Welcome to the Device Driver Installation Wizard! This wizard helps you install the software drivers that some computers devices need in order to work.
	To continue, click Next.
	< Back Next > Cancel

5. Click the empty circle next to 'I accept this agreement', then press the 'Next' button.

Device	Driver	Installation	Wizard

License Agr	eement 😜
Ŵ	To continue, accept the following license agreement. To read the entire agreement, use the scroll bar or press the Page Down key.
	IMPORTANT NOTICE: PLEASE READ CAREFULLY BEFORE INSTALLING THE RELEVANT SOFTWARE: This licence agreement (Licence) is a legal agreement between you (Licensee or you) and Future Technology Devices International Limited of 2 Seaward Place, Centurion Business Park, Glasgow G41 1HH, Scotland (UK Company Number SC136640) (Licensor or we) for use of driver software provided by the Licensor(Software).
	BY INSTALLING OR USING THIS SOFTWARE YOU AGREE TO THE $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
C	Olaccept this agreement Save As Print ○ I don't accept this agreement
	< <u>B</u> ack Next > Cancel

6. When the driver installer program completes, click the 'Finish' button. The installer program will then begin installing the necessary drivers.

Device Driver Installation Wizard		
	Completing the De Installation Wizard	vice Driver 1
	The device driver installation wi software for your hardware devi the software you currently have	zard did not update any of your ces because it was not better than installed.
	Driver Name	Status
	FTDI CDM Driver Packa FTDI CDM Driver Packa	Ready to use Ready to use
	< <u>B</u> ack	Finish Cancel

7. If you are prompted to restart your computer, please do so when prompted.

Step 1.4.2 : Copy 'Key' information data to this computer

 The settings for each individual computer used are defined in the "Key" supplied by the DVSA that you converted above with the 'KeyConverter' program, and can be found in the 'Bowmonk Settings' folder assigned for use with *this particular computer*. Make sure you do <u>NOT</u> use the same settings on more than one computer.



- 2. Copy this 'Bowmonk_Settings_<whatever>' folder (The entire folder, NOT just the contents) to a location on this computer's local disk. Bowmonk recommend the top-level (root) folder of the drive containing the operating system, which is usually drive C:\. Remember or note down the place you copied it to this is known as the 'local settings location'.
- 3. Once you have copied the settings data from the USB "Thumb Drive" to the computer's disk, please 'Eject' the USB Thumb drive **before** removing it from the computer (As above).
- 4. You will find a 'Settings Guide' file stored at the local settings location, along with the converted Key information and an empty folder ready for some possible output from Bowmonk Connected.



5. Double-click the Settings Guide file, which will then open in your preferred text editor (Probably 'Notepad'). This document shows the information you will need to enter into the Bowmonk Connected settings page as described below.

Step 1.4.3 : Start Bowmonk Connected for the first time.

- 1. Make sure your Bowmonk Decelerometer is **NOT** connected to the computer at this point.
- Double-click the icon on your desktop to launch Bowmonk Connected for the first time.

Step 1.4.4 : Prepare to Configure Bowmonk Connected

1 Once the application starts, either click on the 'File' menu and select 'Settings', or press the 'F2' button on your keyboard.



This will open the 'Application Settings' page, which looks like:-

ſ	Application Se	ettings	
	General —		Output Folder
	Output Folder:		Select Button
	MTS	Show Notifications Open Folder	
	Client Id:		
	IOT:		
	Port:	8883 Test MTS Connection	
	Security	Use MTS Connect	Deat gent
	Root Cert:		Select Button
1	Client Cert:		
	Cert Pwd:	Test <u>C</u> ert	Client Cert.
		Save Logging	Select Button
		Save Glose	

Step 1.4.5 : Configure Bowmonk Connected

The individual setting values shown in the Settings Guide text file must be entered into the corresponding areas of the Application Settings page.

WARNINGS:

- The values shown in the Settings Guide text file must **REPLACE** any existing information present.
- Please take care when either typing in or 'copy & pasting' values into the Application Settings page fields, as the information <u>must</u> be copied <u>exactly</u> as shown, without any leading or trailing characters (including 'spaces') at all.

Using the information in the Settings Guide text file as necessary :-

- 1. Click on the "Output Folder Select" button, and select the 'Output' folder below the 'local settings location'
- 2. Enter the '*Client ID*' value shown in the Settings Guide into the 'Client ID' field of the settings page.
- 3. Enter the '*IOT*' value shown in the Settings Guide into the 'IOT' field of the settings page.
- 4. Enter the 'Port' value shown in the Settings Guide into the 'Port' field of the settings page.
- 5. Make sure the '*Use MTS*' box **IS** ticked.
- 6. Make sure the 'Auto Connect' box is **NOT** ticked.
- 7. Click on the "*Root Cert. Select*' button, and select the root certificate file contained in the 'Converted_Key' at in the 'local settings location'. (The computer will show you the correct 'Security Certificate' .CRT file)
- 8. Click on the "*Client Cert. Select*' button, and select the client certificate file in contained in the 'Converted_Key' folder at the 'local settings location' (The computer will show you the correct 'Personal Information Exchange' .PFX file)
- 9. Enter the '*Cert Pwd*' value shown in the Settings Guide into the 'Cert Pwd:' field of the settings page.
- 10. Make sure the 'Save Logging' box is **NOT** ticked.
- 11. Now double-check that you have entered all the necessary values correctly. For example, if :
 - a) You 'local settings location' folder was copied to C:\
 - b) The 'Client ID' assigned to you by the DVSA is **Z000999**
 - c) The 'IOT' value is a21k9hb9bk41au.iot.eu-west-1.amazonaws.com
 - d) The 'Port' value is 8883
 - e) The 'Cert Pwd' value is 8 characters longthen the settings screen should appear thus:-

Application Settings Note : For Example Only			
General —	General		
Output Folder:	C:\Bowmonk_Settings_2000999\Output		
MTS	Show Notifications Open Folder		
Client Id:	Z000999		
IOT:	a21k9hb9bk41au.iot.eu-west-1.amazonaws.com		
Port:	8883 <u>T</u> est MTS Connection		
	Vuse MTS Auto Connect		
Security —			
Root Cert:	C:\Bowmonk_Settings_Z000999\Converted_Key\AmazonRootCA1		
Client Cert:	C:\Bowmonk_Settings_Z000999\Converted_Key\Z000999.cert.pfx		
Cert Pwd:	Test Cert		
	Save Logging		
	Save Close		

The associated 'Settings Guide' text file for this particular example is:-

🗍 Z000999-Settings-Guide - Notepad	
<u>File Edit Format View Help</u>	

# !!! FOR EXAMPLE ONLY !!! # ################################	
Please use the following information when configuring the 'Bowmonk Connected' application settings:-	·
NOTE : Settings marked with a site case sensitive and must be enced to the setting a shown. NOTE : You may find it convenient to 'copy&paste' the value of each individual setting.	
GENERAL SECTION - Output Folder : <path settings="" to="">/Output</path>	=
MTS_Section	
- Client ID *: 2000999 - TOT - a21kdhb9bk41au iot eu-west-1 amazonaws com	
- Port : 8883	
SECURITY Section	
- ROOL CERL : <pain sellings="" to="">/CONVERTED_REV/AMMAZONROOLCAL.CRL - Client CerL : <pain sellings="" to="">/CONVERTED_REV/AMMAZONROOLCAL.CRL</pain></pain>	
- Cert. Pwd *: dn1kv8iv	Ŧ
✓ III III III III III III III III III I	H

Step 1.5 : Validating the Configuration

Once the correct information has been entered into the 'Application Settings' page above, it is time to check these settings are correct.

Step 1.5.1 : Certificate and Password Check

To check the client certificate and password are correct, click the **Test Cert** button.

If the password matches the certificate, you should see:-



..and you should proceed to the 'MTS Connection Check' step below.

If the password does NOT match the certificate, you will see

Error	×
Invalid certificate or password The specified network passw	d. ord is not correct.
	OK

Bowmonk Connected will not function until this has been resolved.

You should check that the unique password entered for these certificates is correct. The most common cause of this error is that the 'Cert Pwd' value has been entered incorrectly. Re-enter the correct password (From the Settings Guide text file) and re-test this by pressing the

Test Cert button again.

Step 1.5.2 : MTS Connection Check

To check that communication with MTS is possible, click the <u>Test MTS Connection</u> button.

• If Bowmonk Connected can successfully communicate with MTS, you should see:-



...and you should now proceed to the 'Validation Complete' step below.

• If Bowmonk Connected cannot communicate with MTS for some reason, you will see:-

Unable to connect to the MTS system. Please check your Client Id, IOT Hostname, Port Number or certificates.	×
ОК	

Bowmonk Connected will not function until this has been resolved.

You should check that the values you entered for 'Client Id', 'IOT' and 'Port' match the corresponding values in the Settings Guide text file.

Once corrected, re-test the connection by clicking the <u>Test MTS Connection</u> button again.

Step 1.5.3 : Validation Complete

Once both the 'Certificate and Password' and the 'MTS Connection' checks above pass, Bowmonk Connected is correctly configured and ready for use.

- Click the **Save** button at the bottom of the 'Application Settings' window.
- Close the Bowmonk Connected application. To do this, either click on the 'File' menu item and select 'Exit', or click the usual Windows 'Close' button in the top right-hand corner.

•					0	
Bowmonk Connected	-	-				
<u>F</u> ile <u>H</u> elp	7					
Settings F2	1					
Log F4	us M	ake	Model	FuelType	#	
Exit	1					

• Close the Settings Guide text file you opened above (This is no longer required).

Step 1.6 : Installation and Configuration Complete

Congratulations. Bowmonk Connected is now installed, configured, and ready for use.

This page is deliberately empty.

Section 2 - How to use Bowmonk Connected

Once the Bowmonk Connected software is both installed and successfully configured as above, the system is ready for use.

Perform the MOT Test normally, including any Service Brake and Handbrake tests that require the use of a decelerometer.

Any test results from the decelerometer must be sent to MTS **BEFORE** logging back into MTS to complete the test.

Step 2.1 : Connecting your decelerometer

When you are ready to send the test results from the decelerometer to MTS, the unit must be attached to the computer. How you do this depends on the type of decelerometer you are using – some are required to be turned on, others do not need to be.

First, connect your decelerometer to the computer using the USB cable supplied with it, then :

- 1. If you are using a **Tapley EBM** decelerometer, switch the unit on by pressing the black 'Power' button until the device display shows '**Sbr**'.
- 2. If you are using the older <u>Series 1</u> decelerometer, switch the unit on by pressing the 'Menu' button until the device display shows 'Sbr'.
- 3. If you are using the latest <u>Series 2</u> decelerometer, it does not need to be switched on in order to send test results.

Step 2.2 : Starting Bowmonk Connected



- Double-click the 📟 🗏 icon on your desktop to start Bowmonk Connected.
- There will be a brief pause while the application automatically locates the decelerometer you connected above. You will then see :-

Bowmonk Conne	ected					
<u>F</u> ile <u>H</u> elp						
Select a job						
VRM	Status	Make	Model	FuelType	#	
No tests are in pro	gress					
MTS lob # -			Status -			
VRM :			Make :		Fuel Type :	
VIN :			Model :			
			Cc	onnect to M	TS Button 🔨	Connect to MTS Disconnect
Ready					M	TS Connection Status: Not Connecte

• Click on the Connect to MTS button. The display should shortly change to show a list of MOT tests in progress at your VTS, for example :-

Bowmonk Con	nected	_	m				- x
<u>F</u> ile <u>H</u> elp							
VRM	Status	Make	Model	FuelType	#		
Select ABC 123	3V NEW	Bowmonk	Connected	Petrol	1001		
Select XYZ 456	6W NEW	Bowmonk	Connected	Diesel	1002		
\bigcirc							
Tests in progress:	: 2						
MTS Job # :	1001	Status :	NEW				
VRM :	ABC 123V	Make :	Bowmonk	Fue	I Type : Petrol		
VIN :	12345678901234567	Model :	Connected				
						Connect to MTS	Disconnect
					M	TS Connection Statu	Connected

The example above shows:-

- a) That your computer is now 'Connected' to MTS as expected.
- b) There are two MOT tests currently in progress at your VTS.
- c) If no Select button is shown, this means the connected decelerometer has not been recognised and you should check that the unit is actually connected and/or turned ON as needed (See above).

Step 2.3 : Sending test results

Option 2.3.1 : Sending both Service Brake and Hand Brake results as a pair.

Choose this option if the vehicle being tested requires decelerometer testing of **both** the Service Brake **AND** the Hand Brake.

• Click the Select button next to the VRM of the vehicle you have just tested with the decelerometer. The screen will change to :-

Ba Bowmonk Connected		_ 🗆 🗙
<u>F</u> ile <u>H</u> elp		
MTS Job #: 1002 Status: VRM : XYZ 456W Make : VIN : 98765432107654321 Model :	NEW Bowmonk Fuel Type : Diesel Connected	Change Job
Serial Port: COM7	Search for BrakeCheck devices 🛛 🗹 Load results on connection	\smile
Serial # : TBM02281 Calibration Due Date : 15/10/2021 Part Nu	mber: 0080101 SBT#: 1 HBT#: 1	
Bespice Brake Tests	Hond Brake Tests ■ B skeCheck-(1)-TBM02281-HBT_05-11-2019-12-37-27	
Show Latest ○ Show 2 ♀ ○ Show All	● Show Latest ◎ Show 2 🚊 ◎ Show All 🚺	
Decelerometer Result :	Decelerometer Result :	
Peak Acceleration: 93	Peak Acceleration: 73	
Days until calibration required 710	Send to MTS	
	Connect to MTS	Disconnect
	MTS Connection Statu	is: Connected

The example above shows:-

a) You are about to send test results for both the Service Brake and Hand Brake relating to vehicle 'XYZ 456W' - If the last test result in the decelerometer unit is NOT for this vehicle, then click

the Change Job button and re-select the correct vehicle from the list of tests in progress.

- b) The VIN for this vehicle is '98765432107654321'
- c) Your decelerometer is due for re-calibration on the 15th of October 2021, in 710 days time. You will not be able to automatically send results to MTS on or after this date.
- Make sure the tick-boxes next to the latest Service Brake and Hand Brake test are BOTH ticked.
- To send the brake test results to MTS, click the Send to MTS button. You now will be asked to confirm that you wish to send these results – you should now doublecheck that the results you are about to send definitely relate to the correct vehicle.

Sending	results	X
	Send the selected results to VRM : XYZ 456W Job : 1002	the MTS?
	Yes	No

- If this **IS NOT** the correct vehicle, click the 'No' button followed by the Change Job button and re-select the correct vehicle.
- If this **IS** the correct vehicle, click the 'Yes' button. The test results will now be sent to MTS, and you should see:-

Published	×
The data has been sent to the	e MTS.
	ОК

Option 2.3.2 : Sending only Service Brake or Hand Brake results individually.

Choose this option if the vehicle being tested requires decelerometer testing of the Service Brake *OR* the Hand Brake only, not both. (Sending only Hand Brake test results is the usual case).

The process is the same as sending both Service Brake and Hand Brake results as a pair above, however instead of both the Service Brake and Hand Brake tick-boxes being ticked, you should tick only the one that applies, and un-tick the one that does not apply.

• For example, to send only a Hand Brake test result, only tick the Hand Brake Test result, and un-tick the Service Brake Test result.

Bowmonk Connected	Atra 1	- • ×
<u>F</u> ile <u>H</u> elp		
MTS Job #: 1001 Status: NE VRM : ABC 123V Make : Bo VIN : 12345678901234567 Model : Co	EW owmonk Fuel Type : Petrol onnected	Change Job
Serial Port: COM7 COM7 Serial Port: COM7 S	earch for BrakeCheck devices $\ensuremath{\overline{v}}$ Load results on connection	
Serial #: TBM02281 Calibration Due Date : 15/10/2021 Part Numb	ber: 0080101 SBT#: 1 HBT#: 1	
Service Brake Tests BrakeCheck-(1)-TBM02281-SBT_05-11-2019-12-36-48	Hand Block Tests	
Show Latest ○ Show 2 ☆ ○ Show All U	Show Latest Show 2 📩 Show All U	
	Decelerometer Result :	
	Peak Acceleration: 73	
Days until calibration required 710	Send to MTS	
	Connect to M	TS Disconnect
	MTS Connection S	tatus: Connected

In this example, only Hand Brake results will be sent to MTS.

Step 2.4 : After sending test results

Bowmonk recommend that :-

- Both **Tapley EBM** and **Brakecheck Series 1** decelerometers are disconnected from the computer after sending test results.
- **Brakecheck Series 2** decelerometers may remain connected to the USB port to charge their internal batteries.
- The Bowmonk Connected program is closed between tests. To do this, either click on the 'File' menu item and select 'Exit', or click the usual Windows 'Close' button in the top right-hand corner.

Bowmonk Conr	nected					
<u>File</u> <u>H</u> elp <u>S</u> ettings F	2					
Log F	4 us	Make	Model	FuelType	#	
Exit						

Step 2.5 : Completing the MOT Test

Once you sent the necessary decelerometer results to MTS, log in to MTS using your Web Browser as normal.

The brake test results will already be present in MTS, just as if you had typed them in manually when using an older 'non-connected' decelerometer.

END OF DOCUMENT