Install and Setup Procedures for users of Haglof Management Systems/Timber Cruise Suite with new PC's

- Visit the LandMark Spatial Solutions Support page at <u>www.LandMarkHelp.com</u>. Click Download Software button and then click on the Haglof Management Systems/Timber Cruise Suite section to expand it.
- Under the Installers section, right click on the file named
 1_SQL_Express2012_64bit.exe and choose Save Target As.. or Save Link As... and save the file to a location on your PC that is easy to find and access such as the Downloads folder. Do the same for the files named
 2_TimberCruiseSuiteforHMS_2_16_4.exe and
 3_TCruiseSetupSAForHMS.exe.
- 3. Locate the file named **1_SQL_Express2012_64bit.exe** in your Downloads folder and double click on it to begin the install.
- 4. The SQL Server Installation Center window will open up. Choose the first option which is New SQL Server standalone installation as shown here.



- 4. Click *Next* thru the Product Updates screen.
- 5. The Install Setup screen will then load and begin the install process.
- 6. Choose Perform a new installation of SQL Server 2012 by clicking that radio button and then click **Next** as shown here.

Setup Support Rules	Perform a new in	stallation of SOL Server 2	012		
Installation Type License Terms	Select this option	n if you want to install a h as SQL Server Manage	new instance of S ment Studio or Int	QL Server or want to regration Services.	install shared
Feature Selection	O Add features to a	an existing instance of SC	L Server 2012		
Installation Rules	SQLEXPRESS		v		
Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules	installed instances	ce must be the same editi	on.	Editor.	Varia
Installation Progress	Instance Name	Instance ID	Features	Edition	Version
Complete	ACT7	MSSQL10 50.ACT7	SQLEngine	Express	10.51.2500.0
Complete					

7. Accept the license terms and click **Next**.

5	SQL Server 2012 Setup	×
License Terms To install SQL Server 2012, yo	u must accept the Microsoft Software License Terms.	0.02022
Setup Support Rules Installation Type License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2012 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft • updates, • supplements, • Internet-based services, and • support services	• • • • • • • • • • • • • • • • • • •
Complete	Send feature usage data to Microsoft. Feature usage data includes information about your hardware	int
	Configuration and how you use SQL Server and its components. See the Microsoft SQL Server 2012 Privacy Statement for more information. (<u>Back</u> Next > Cancel Help	

8. In the Feature Selection Window just choose Database Engine Services and click **Next**.

5	SQL Server	2012 Setup		- 0	×
Feature Selection Select the Express features to	o install.				
Setup Support Rules Installation Type	Eeatures:		Feature descrip	tion:	
License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements	Database Engine Services SQL Server Replication Shared Features SQL Client Connectivity SD Redistributable Features	ĸ	instance featur isolated from o SQL Server inst side on the sar	e of a SQL Server instance is other SQL Server instances. lances can operate side-by- ne computer.	
Server Configuration			Prerequisites fo	r selected features:	
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete			Already install Microsoft Windows F Microsoft Microsoft	ed: NET Framework 4.0 PowerShell 2.0 NET Framework 3.5 I from media: /isual Studio 2010 Shell	
	Select All Unselect All				
	Shared feature directory: G	\Program Files\Micr	osoft SQL Server\		
	Shared feature directory (<u>x</u> 86):	\Program Files (x86)\	Microsoft SQL Serv	er/	
	1				

9. On the Instance Configuration Window choose Named Instance and enter **SQLEXPRESS_HMS** or **SQLEXPRESS_TC** to differentiate it from any other generic SQLEXPRESS instance on your PC. Click **Next** to proceed.

8	S	QL Server 2012 Se	etup		- • ×
Instance Configuration	n				
Specify the name and instance	e ID for the instance of SQ	L Server. Instance ID I	pecomes part of t	he installation path.	
Setup Support Rules Installation Type License Terms	Qefault instance Named instance:	SQLEXPRESS_HMS	¢		
Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules	Instance [D: Instance <u>r</u> oot directory:	C:\Program Files\M	ficrosoft SQL Serv	ver\	
	SQL Server directory: Installed instances:	C:\Program Files\M	licrosoft SQL Serv	er\MSSQL11.	
Installation Progress	Instance Name	Instance ID	Features	Edition	Version
Complete	SQLEXPRESS	MSSQL11.SQLEXPR	SQLEngine	Express	11.0.2100.60
	ACT7	MSSQL10_50.ACT7	SQLEngine	Express	10.51.2500.0
			< <u>B</u> ack	Next > Ca	ncel Help

- 10.On the Server Configuration screen, leave the default settings and click **Next** to proceed.
- 11.On the Database Engine Configuration Window > Server Configuration tab, be sure the user of TCruise and Haglof Management Systems has their user name listed as an SQL Server Administrator as shown here. Use the Add.. Button if necessary to add users. Default choices on the other tabs are OK. Click Next to proceed. (It is of upmost importance that IT persons setting PC's up for users get this step correct, otherwise SQL Express will have to be re-installed/repaired and the user added as Admin.)

5	S	QL Server 2012	Setup		
Database Engine Confi Specify Database Engine auther	guration	administrators and	data directories		
Setup Support Rules Installation Type License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Server Configuration Specify the authenti Authentication Mode (© Windows authen () Mixed Mode (SQ Specify the password Enter password: Confirm password: Specify SQL Server a	Data Directories	User Instances idministrators fo tion and Windo	PILESTREAM	gine.
	DY_DELL_LAPTOPA	Darian (Darian)	move		SQL Server administrators have unrestricted access to the Database Engine.
		1	< <u>B</u> ack	Next >	Cancel Help

- 12.On the Error Reporting window simply click **Next** to proceed.
- 13.If there are no errors encountered you should arrive at the Complete window and see that the Status = Succeeded. Press **Close** button to exit the install. Click the close (x button) to also close the SQL server Installation Center Window.

•	SQL Server 2012	Setup	
Complete Your SQL Server 2012 installa	tion completed successfully with product upd	ates.	
Setup Support Rules	Information about the Setup operation or	possible next steps:	
License Terms	Feature	Status	
Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration	Database Engine Services	Succeeded	
Database Engine Configuration Error Reporting	Details:		
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Details: Viewing Product Documentation for Only the components that you use to been installed. By default, the Help Vi SQL Server, you can use the Help Lib your local computer. For more informat <a href="http://go.microsoft.com/fwlink/?Linklinklink/?Linklink/?Linklink/?Linklinklinklink/?Linklink/?Li</td> <td>or SQL Server view and manage the documentation for SQI ewer component uses the online library. After rary Manager component to download docum tion, see Use Microsoft Books Online for SC D=224683>:</td> <td>Server have or installing mentation to <u>AL Server</u></td>	or SQL Server view and manage the documentation for SQI ewer component uses the online library. After rary Manager component to download docum tion, see Use Microsoft Books Online for SC D=224683>:	Server have or installing mentation to <u>AL Server</u>
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Details: Viewing Product Documentation for Only the components that you use to been installed. By default, the Help Vi SQL Server, you can use the Help Lib your local computer. For more informa <http: ?linkl<br="" fwlink="" go.microsoft.com="">Summary log file has been saved to the for C\Program Files\Microsoft SQL Server\11 \Summary DY Dell Laptop 20190424 14</http:>	or SQL Server view and manage the documentation for SQI ewer component uses the online library. After rary Manager component to download docum stion. see Use Microsoft Books Online for SC D=224683>. Ilowing location: 0\Setup Bootstrap\Log\20190424_141125 11125.txt	Server have rr installing nentation to <u>D. Server</u>

- 15.Install TCruise for HMS by locating the file named

3_TCruiseSetupSAForHMS.exe and double click on it. There are no special setting adjustments on this installer either; just choose the defaults and choose I agree, Next, etc. as prompted.

16.Create a desktop shortcut for Haglof Mgt systems. Click Start menu > Programs > Haglof Sweden AB folder > Right click on Haglof Management Systems > More > Open File Location > Right click on HMSShell.exe > Send to > Desktop Create Shortcut.

- 17.Check to be sure all components were installed for HMS look in *C:\Program Files (x86)\Haglof Sweden AB\Haglof Management Systems\Suites* folder and be sure there is a file inside named TimberCruise.dll. If not, request it by email support@Imssmail.com.
- 18.Launch HMS and setup database connection when prompted that Connection to Database Missing, click Yes which will take you to the Administration tab > Database > Settings window. Click on the *Search local* button and choose the database name you used in Step #9 above.

Database - Handle databases (Comp.
Active settings for database
Servertype
Microsoft SQL Server 🗸 🗸
Authentication
Windows Authentication 🗸 🗸
Path/address to server
(LOCAL)\SQLEXPRESS_HMS V
Search local Search server
Connect to server
Use selected company

19.Create new company database by clicking the New button (F3) on the toolbar. Next, type in the name for the new database/company such as TCruiseDatabase as shown below.



Enter name for new database	x
TCruiseDatabase	
OK Cancel	

- 20.Optional Restore a backup of the database form old machine. If you are migrating to a new PC and have an HMS database setup on your old machine you can create a backup of that database and then move it to the new machine. On the old PC open HMS and click Tools menu > Database > Backup. Check the boxes next to the Databases/companies you'd like to backup and then click the *Run Backup* button. Note that the backup file will be stored in the *c:\Program Files\Microsoft SQL Server\MSSQL11.SQLEXPRESS\MSSQL\Backup* folder on your PC. Using a flash drive, copy this backup and move it to your new PC and save it in the same folder location as your old PC. On the new PC, open HMS and click Tools menu > Databases > Restore and check the databases to be restored and click the *Restore* button. Now your old cruise tracts and Timber Cruise
- 21.HMS License Plug in your HMS Flash drive with license. To make sure your HMS copy is licensed properly click on the Administration tab > Licenses option. Click on the *Choose path to license file* button which looks like a wrench/hammer crossed. Choose the path (drive letter) of the flash drive and click OK. You should see at least one item with a status of Green as shown below.

Contact Info, Groups, and Classes will be restored and ready for use.

Customer num				Codes		
Vame	Darian Yawn	2	-	1: F3987318		
Company	Luckton Council	LandMark Spatial Solutions		3: FC9CF4AD		
	Landmark spatial			5: 8C338012		
VAT number	1			6: 1FB65DF5 7: A324F6C2		
Address	310 Bowen Drive	310 Bowen Drive		8: 68EC 188C 9: F3828362		
	Warner Robins G	A, 31088		10: 73FA8126		
			Note	s		
Country	USA					
Telephone	866-395-5440					
Email	dyawn@imssmail	.com				
Licenses (1: F3	987318)					
Description	2	Version	Article	Key(s)	Status	Order?
💽 Map		2.16.4.6171	14-101-2204		Module active 1/1 license(s) in use	
TCruise		1.0.0.1	14-101-3000		Module active 1/1 license(s) in use	
🛃 Timber Cri	uise	2.16.4.6171	14-101-2300		Module active 1/1 license(s) in use	
		and an an inclusion of the	the second second second second		the second se	and a

22.Minimize HMS and then open TCruiseSA (TCruise Standalone for HMS) using your desktop shortcut. Accept the license agreement and then submit a Desktop Software License request using the form on the LandMark Spatial Solutions website (<u>www.LandMarkHelp.com</u> and click Register Software > Desktop Software form. Please enter your name/company info and the TCruise Product ID before submitting the request. The TCruise Product ID looks like this:

I Cruise is not free software. The sof 30 day limited trial copy, and 30 days will no longer function.	fware that you have installed on your computer is a s after your first access of the program, the program
vicing information, or a registration	code can be obtained by contacting
Mike Phelps Huglof, Inc. P.O. Box 2548 Madison, MKS 20130 (901)056-5110 box in mCg acl.com To receive a registration (col	Product ID
AC15003E	
/Tease visit our web site www.timber product line.	rcruise.com for a complete description of the TCruise
Register now	Register later

Once the code request is received, you will get an email back from LandMark Support with the appropriate registration and key codes and also instructions for HMS settings in TCruise. 23.Register TCruiseSA, adjust dll path settings. Enter the Reg and Key codes sent from LandMark Support. In TCruise click Tools menu > dll/exe procedures > Dll pathnames. Browse to and select the paths for the following items:

Export dll pathname: C:\Program Files\Haglof Sweden AB\Haglof Management Systems\TCruiseProExportHMS.dll

Profile/Volume Equation/table dll pathname: C:\Program Files\Heuristic Solutions Applications\Timber Cruise\TC_FIA_SE_ProfileNoWt.dll

DII pathnames	×
Cancel IP Address Send data to ser	ver OK
Export dll:pathname	
C:\Program Files\Haglof Sweden AB\Haglof Management Systems\TimberCruiseExportHMS.dll	Browse
Import dll:pathname	
TCruiseImport.dll	Browse
Profile/Volume equation./table dll pathname	
C:\Program Files\Heuristic Solutions Applications\Timber Cruise\TC_FIA_SE_ProfileNoWt.dll	Browse
Raw data export dll:pathname	
TCruiseRawDataExport.dll	Browse
Custom procedure dll pathname	
TCCustomProcedure.dll	Browse

Press Ok when done.

- 24.Run Sample cruise using your template. You should receive a message "Data inserted into database" after the cruise is processed.
- 25.Toggle back over to HMS and click Timber Cruise tab > Settings:
 - Fill in Contact Info and assign picture with company logo if desired.
 - Click Groups and assign each species to Pine, Hardwood, or Softwood classes.
- 26.Click Timber Cruise tab > Reports and select a report to run and a tract to run. Be sure the header info and report look good. Ok out and you are done with setup!

Procedures for Windows Mobile Handheld connection on New PC:

- 1. Enable .NET 3.5 Framework in Control Panel.
 - Open Control Panel on your PC (if unsure how to get to Control Panel, type in Control Panel in the Search box next to the Start Menu in Windows 10 and Windows 8. In Windows 7, Control Panel will show up in the Start Menu.)
 - Once in Control Panel, click Programs > Turn Windows Features On or OFF button. It will take a few seconds for list of features to be populated. Expand the item .NET Framework 3.5 by clicking the + button to the left. Be sure both items indented underneath are checked as shown below. Ok out when done here.

Turn Windows features on or off					
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.					
.NET Framework 3.5 (includes .NET 2.0 and 3.0)	^				
Windows Communication Foundation HTTP Activation					
Windows Communication Foundation Non-HTTP Activa					

- 2. Download and install Windows Mobile Device Center and WMDC Helper from the LandMark Spatial Solutions Support site: <u>www.LandMarkHelp.com</u>.
 - Click on Download Software button > click Mobile Device to PC Connection Utilities section > right click on Windows Mobile Device Center for 64 bit PC's and choose Save link as.. Or Save target as.. And save to your Downloads folder.
 - Do the same for WMDC helper link.
 - Find the file named drvupdate-amd64.exe file in your Downloads folder. Right click on this file and choose Run as administrator. Wait a couple of minutes for install to complete.
 - Right click on the file named WMDC-Helper.exe in Downloads folder and choose Run as administrator. Restart PC when prompted.

- 3. After restart, open Windows Mobile Device Center on PC, power on handheld device and connect to PC via USB. Always use the "Connect Without Setting Up Device" option in Windows Mobile Device Center.
- 4. If connection is not made within a minute, check Firewall settings. If necessary, set exceptions for the C:\Windows\Windows Mobile folder or more specifically the WMDC.exe and WMDCBase.exe files inside that folder.
- 5. Call LandMark Support if you are still unable to connect via Windows Mobile Device Center at 866-395-5440 or email support@LMSSmail.com