



## Quick Start Guide V1.8

### In short



**Currently MX Map Mobile supports Ordnance Survey GB Maps ONLY**

MX MAP MOBILE permits the display of Maps on your mobile devices. The following functions are available:

<ul style="list-style-type: none"> <li>NEW – New Map transfer for easier and more effective synchronisation across multiple devices.</li> </ul>	
<ul style="list-style-type: none"> <li>NEW – Lock Screen to GPS Position whilst Tracking.</li> </ul>	
<ul style="list-style-type: none"> <li>Map display of your purchased maps. Overview maps and 250k Roadmaps are free.</li> </ul>	
<ul style="list-style-type: none"> <li>Zooming in/out of various map layers.</li> </ul>	
<ul style="list-style-type: none"> <li>GPS function – using your Location Services on your mobile device to display the device location.</li> </ul>	
<ul style="list-style-type: none"> <li>Importing Routes into the system. Create Routes in Quo, or other software and import them into MX MAP MOBILE.</li> </ul>	
<ul style="list-style-type: none"> <li>Recording Tracks whilst navigating. Display your 'snail-trail' of where you have been.</li> </ul>	
<ul style="list-style-type: none"> <li>Turn on/off Tracks.</li> </ul>	
<ul style="list-style-type: none"> <li>Exporting Tracks to Quo or other programmes in gpx format.</li> </ul>	
<ul style="list-style-type: none"> <li>Viewing positions in OS Grid or WGS coordinates.</li> </ul>	



The MX Map Mobile system is designed to be used with Mapyx Quo GIS software. The User purchases maps via the normal Mapyx Quo interface, such as the Tile Shop within Quo, or at the Mapyx website at [www.mapyx.com](http://www.mapyx.com). Once maps are loaded into Mapyx Quo, they can be transferred to MX Map Mobile. This combined solution of Mapyx Quo

and MX Map Mobile, provides a comprehensive combined system of full GIS software and a Mobile Application which are fully compatible.

This current version of MX Map Mobile is limited to **Android only** devices, but the **iOS** version will be released after testing. Currently testing is in progress and we will advise once it is available.

## Getting started – Brand New Installation



We suggest that you read ALL of this Guide initially so that you can familiarise yourself with the functions and save yourself time. By example, if you have previously loaded **MX Map Mobile** and **Map Tiles** and do not wish to reload all data again, then we have added a section on how to do this below – **MX Map Update**.

In order to get started you will need to download and install a number of products.

### Stage 1 – Obtain the Main GIS software


- |          |   |
|----------|---|
| <b>1</b> | <p>Download <b>Mapyx Quo version 2.6.4</b> from <a href="http://www.mapyx.com">www.mapyx.com</a>. You will need the latest version to transfer maps. Alternatively you can download <b>Mapyx Quo version 2.6.4</b> via:<br/><a href="http://www.mapyx.com/quo/download.asp">http://www.mapyx.com/quo/download.asp</a>.</p> <p>If you already have a version of <b>Mapyx Quo</b> installed on your computer, you may use the <b>Top Menu/ Help and Check for Updates</b> to download the latest version.</p> |
| <b>2</b> | <p>You will need to purchase the maps that you require. Use the <b>Tile Shop</b> within <b>Mapyx Quo</b>, or select the packages from our website. Note that if you have previously purchased maps, then you can transfer these to your Mobile device.</p>  |



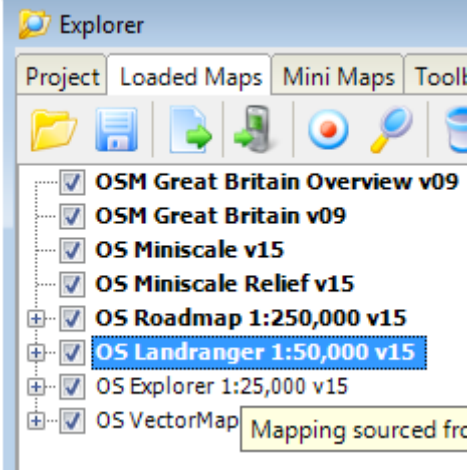

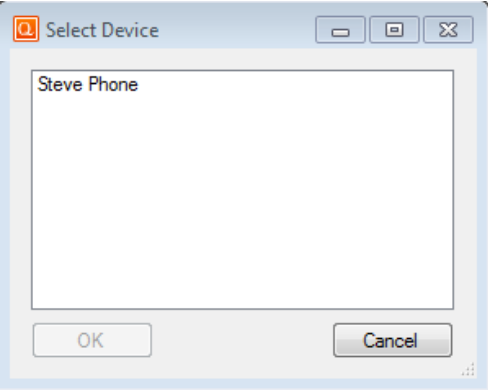
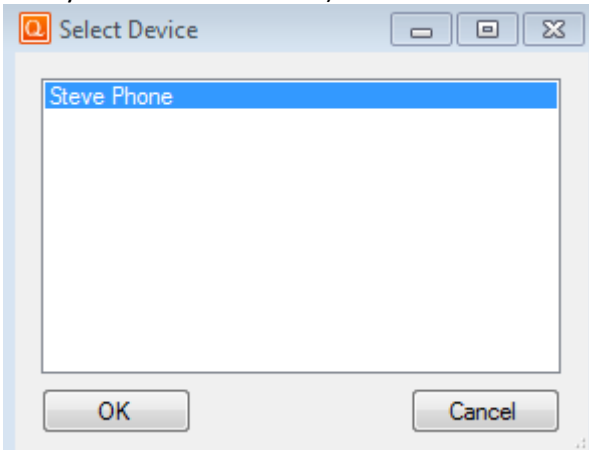
### Stage 2 – Obtain the Mobile App

- |          |  |
|----------|--|
| <b>3</b> | <p>Go to  , and buy the Mobile App for £5.00.</p>   |
| <b>4</b> | <p>Download the App and install it on your <b>Mobile device</b>. Your <b>Mobile Device</b> should guide you through the install and you will likely have to accept the download and installation.</p> <p>You will have the Option to:</p> <ol style="list-style-type: none"> <li>1. Let the App decide where to install.</li> <li>2. Install on Internal Memory.</li> <li>3. Install on SD Card.</li> </ol> <p>Select the one which is most appropriate to you.</p>  |
| <b>5</b> | <p>You should see the <b>MX Map Mobile</b> Icon  on your phone and be able to open it. Maps will not be installed at this time.</p> <p>If the Icon does not appear on your Mobile Device or you are unable to open <b>MX Map Mobile</b>, then please repeat the process above.</p> <p>If you have an SD card plugged in then the app will then prompt you to select a location to store the maps and data. If you do not have an SD card plugged in then the app will default to use Internal Storage. Select “Done” as required.</p> |

	<p>If you have an SD Card installed, but do not get this option, then please reboot your Mobile Device (for example, turn the Device off by holding the power button and select <b>reboot</b>. The options will then appear.</p>
6	<ol style="list-style-type: none"> <li>1. The Next Screen will be your <b>Activation Window</b>; you will need to enter the <b>Username</b> and <b>Password</b> you use for your Quo Account. [If you cannot remember this information it can be found under Quo/Help/Activation for the Username and under Help/My Quo/Retrieve Password.]</li> <li>2. <b>Enter:</b>        Username = your <b>Quo Username</b>        Password = your <b>Quo Password</b>        Device Friendly Name = e.g. <b>Steve Phone</b></li> <li>3. <b>Select ACTIVATE</b> and your phone will activate. Your phone will then contact our server and validate your activation. It will take a little time depending on your connectivity (usually between a few seconds to 1 minute).</li> <li>4. Once <b>activated</b>, the screen will display a message stating <b>Activation was Successful</b>.</li> <li>5. Select <b>OK</b>.</li> <li>6. <b>MX Map Mobile</b> will <b>Load</b>; – Note no maps are loaded at this time.</li> </ol> <p>The App will then load the map screen. A “<b>No maps are loaded</b>” message will be displayed across the screen.</p> <p><b>Note</b>        You can also add your Username if it is an email address and have a password reminder sent to you by selecting “Forgot Password.”</p> <p>Selecting “<b>CANCEL</b>” cancels the Activation process.        If you are undertaking a complete reinstall, you may have to go to Quo and check the Activations under Quo/Help/My Quo and select Deactivations. You may have the same Device Friendly Name duplicated in some versions, the oldest can be deleted. The simple way is to use a unique Device Friendly Name if you undertake complete Reinstall, so that it is clear which device is applicable.</p>

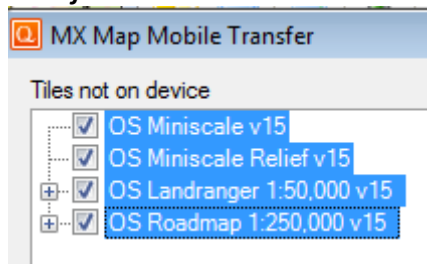
## Stage 3 – Selecting Map Tiles for Transfer

7	<p>The process of loading maps is a <b>major change</b> to the software to:</p> <ol style="list-style-type: none"> <li>1. Improve efficiency.</li> <li>2. Improve connectivity issues.</li> <li>3. Resolve legacy issues on some devices running older versions of Android.</li> <li>4. Add flexibility to downloads when Quo is not available to you.</li> <li>5. Pave the way for new exciting features later this year.</li> </ol> <p><b>Map Tiles</b> are now <b>transferred</b> by sending the <b>Map Tiles</b> to your <b>Mapyx Transfer Account</b> held on our <b>Server</b> and then <b>synchronising</b> your <b>Mobile Device</b> with our <b>Server</b>. This means that you do not have to connect via USB cable, since it is all done over the internet.</p> <div style="text-align: center;">  <p>The diagram illustrates the transfer process. On the left is the Quo v2 logo. In the center is a server rack. On the right is an Android mobile device. Blue arrows indicate bidirectional communication between Quo v2 and the server, and between the server and the mobile device.</p> </div> <p>An internet connection is required. Mobile Data charges may apply depending on your provider.</p>
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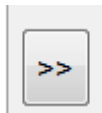
8	<b>Open Mapyx Quo v 2.6.1</b>	
9	In <b>Quo</b> , select the <b>Explorer Icon</b> :	
10	<b>Select</b> the second Tab, <b>Loaded Maps</b> :	
11	Select the <b>Map Transfer icon</b> 	<p><b>Quo</b> will look for the <b>Mobile Device</b> that is now registered to your <b>Account</b> (the User Friendly Name)</p>  <p><b>Select</b> the <b>Mobile Device</b> you wish to Transfer data to (you may have more than one).</p>  <p>Select <b>OK</b> and a new screen will appear.</p>

12

1. This **window** permits you to **transfer** the **Map Tiles** you wish to your **Mobile Device**.
2. The **left-hand** window displays the **Map Tiles** in your system (Not on Mobile Device)
3. The **right-hand** window displays Map Tiles on your **Mobile Device**. This will also display previously transferred **Map Tiles**.
4. Select the **Map Tiles** you wish to **transfer**:



5. (Using the shift key or ctrl key will permit multiple or selective selections – hold the key down whilst clicking the mouse on the Map Tiles to be selected).
6. Select the **Transfer** button:



7. The **Map Tiles** will appear on the **Device** list on the right hand box – see opposite.
8. You can transfer only the **Map Tiles** you wish.
9. **Selecting Map Tiles** in the **right-hand box** you can then use the **Transfer button**



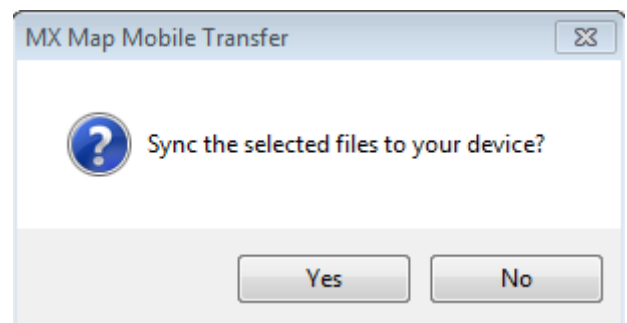
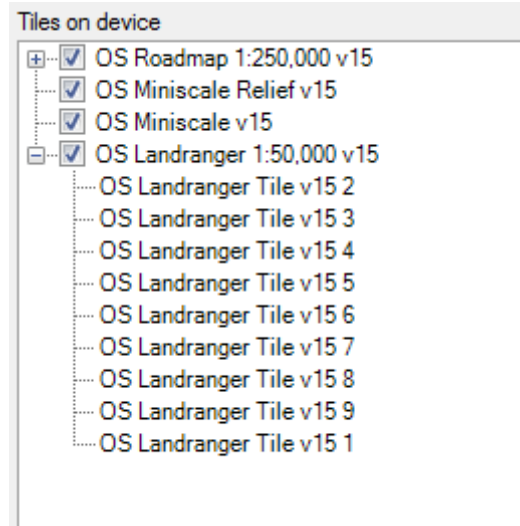
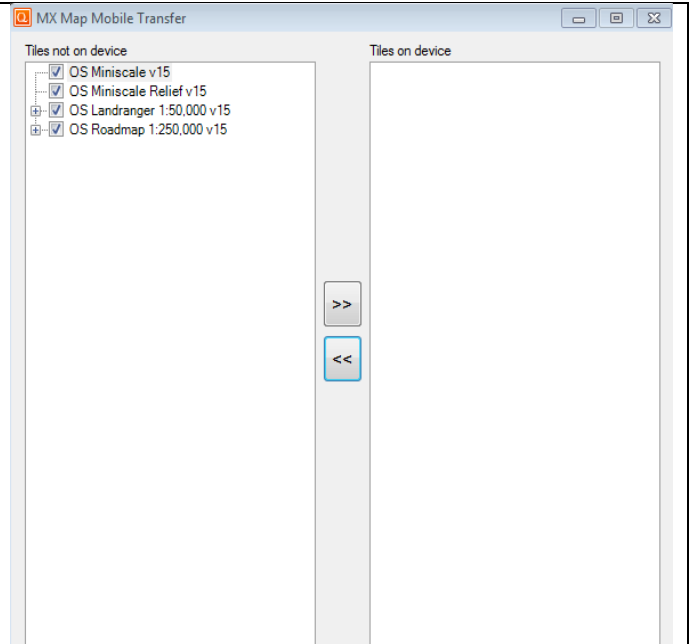
to remove them from the **Map Tiles** to be **transferred**.


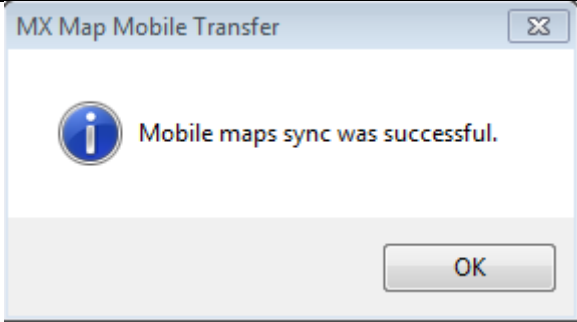
10. Note that at this time **nothing** has been transferred to your **Mobile Device**, it has only been **selected**.

11. **Select** the **Synchronise button**





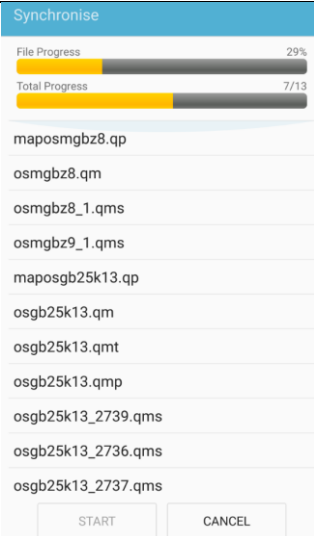
and a **new window** appears (see opposite).



	<p>12. <b>Select Yes</b> if you want to transfer the selected files.</p> <p>13. If successful a <b>new window</b> appears (see opposite).</p> <p>14. <b>Select OK</b> and close down the <b>Selection Window</b> .</p>	
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**13** You have now finished with **Quo** and the **Map Tiles** have been **selected** and are ready for **synchronising** with your **Mobile Device**.

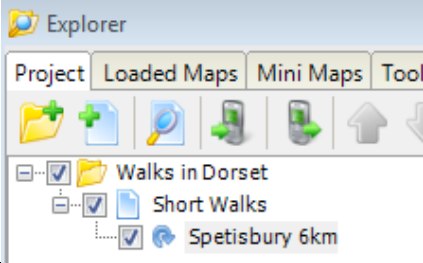
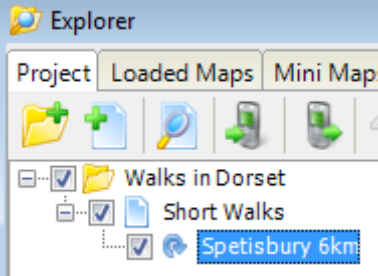

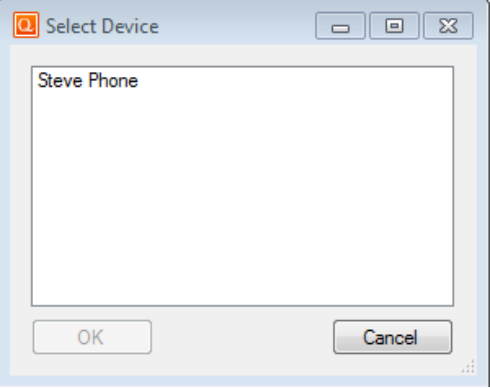
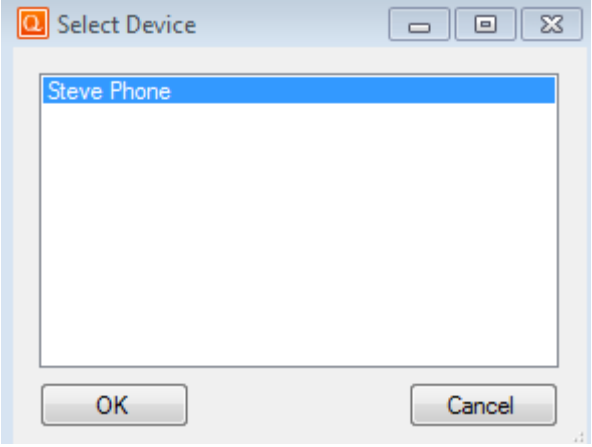
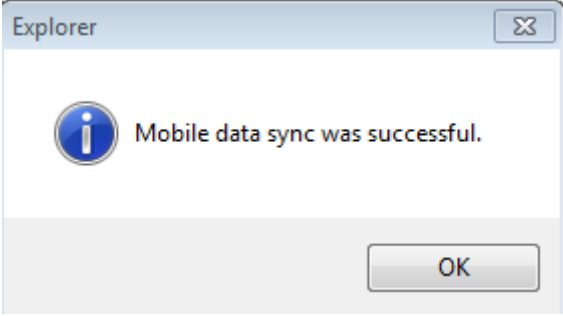
## Stage 4 – Synchronising Maps Tiles



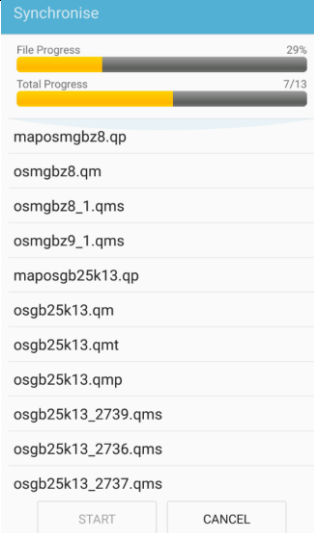




14		<p><b>Tap</b> to start the Application.</p>
15		<p><b>Select</b> the <b>World Icon</b> at the bottom of the screen and the <b>Tab MAPS</b></p> <p>Select <b>SYNCHRONISE</b></p>
16		<p><b>Select START</b> and the Map Tiles will Transfer. Progress is displayed.</p> <p>Do remember that if you are transferring large amounts of data such as <b>full GB Map Tiles</b> it will be many gigabytes of data, so will take time.</p> <p>Please note that files that are already present on the device will not be downloaded for a second time.</p>

**17** **Once Completed, select Exit and MX Map will restart. The Maps are already activated. You are now ready to go!**


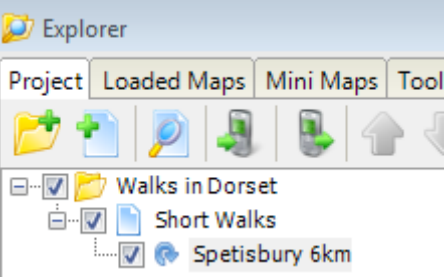

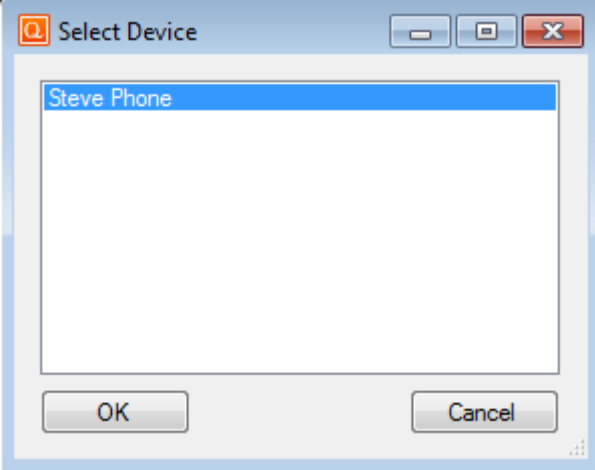
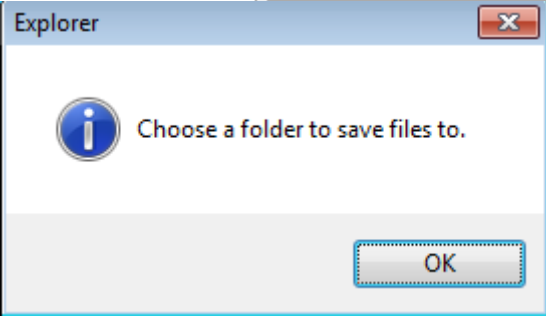
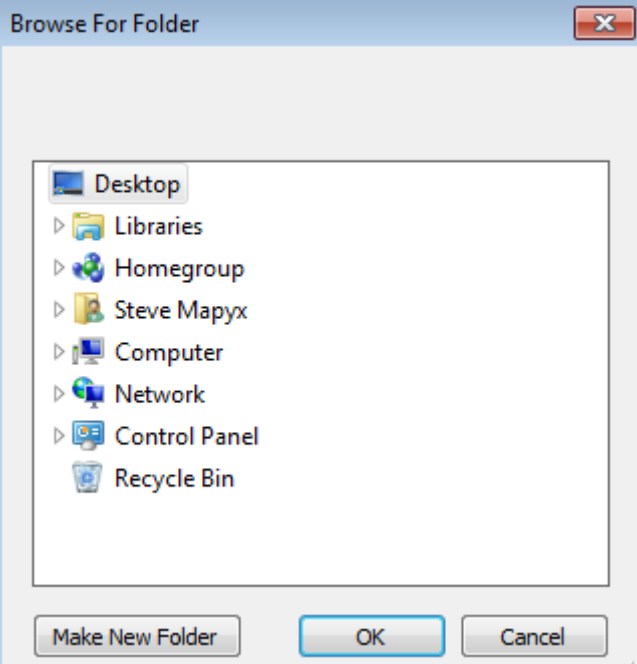
## Stage 5 – Synchronising Routes

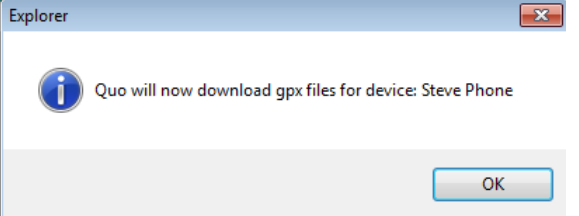
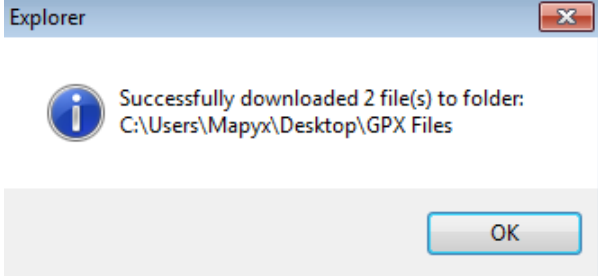
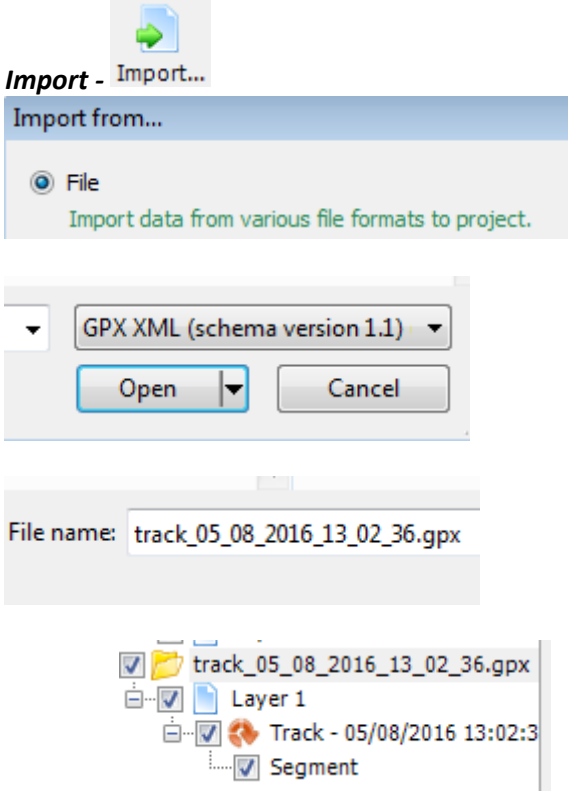
18	<p><b>Open Mapyx Quo v 2.6.1</b></p>	
19	<p>In <b>Quo</b>, <b>select</b> the <b>Explorer Icon</b>:</p>	

<p>20 <b>Select the <i>Project</i></b> Tab</p>	
<p>21 <b>Select the <i>Route</i></b> you wish to <b><i>Transfer</i></b></p>	
<p>22 <b>Select the <i>Transfer Icon</i></b>  (Export selected Data to MX Map Mobile)</p>	<p><b>Quo</b> will look for the <b><i>Mobile Device</i></b> that is now registered to your <b><i>Account</i></b> (the User Friendly Name)</p>  <p><b>Select</b> the Phone you wish to Transfer data to (you may have more than one).</p>  <p>Select <b>OK</b> and a new screen will appear.</p>
<p>23 New screen <b>Select OK</b></p>	

24	You have now finished with <b>Quo</b> and the <b>Map Tiles</b> have been <b>selected</b> and are ready for <b>synchronising</b> with your <b>Mobile Device</b> .	
25		<b>Tap</b> to start the <b>Application</b> .
26		<b>Select</b> the <b>World Icon</b> at the bottom of the screen and the <b>Tab MAPS</b>
27		<b>Select SYNCHRONISE</b> <b>Select START</b> and the Routes will Transfer. It will also check that the Maps are synchronised. Progress is displayed.
28	<b>Once Completed, select Exit and MX Map will restart. The Maps are already activated. You are now ready to go!</b>	
<h2>Stage 6 – Removing Maps or Routes from you Mobile Device</h2>		
29		<b>Tap</b> to start the <b>Application</b> .
30		<b>Select</b> the <b>World Icon</b> at the bottom of the screen and the <b>Tab MAP or ROUTES</b>
31	<b>Click</b> and <b>Hold</b> the Item you wish to <b>Delete</b> and you will be prompted with <b>Are you sure you wish to delete the Map or Route. Select Yes or No. The Item will disappear from the screen</b>	
<h2>Stage 7 – Uploading a Track</h2>		
32	Once you have created a <b>Track</b> in <b>MX Map Mobile</b> , you may wish to <b>transfer</b> it to <b>Quo</b> . Firstly create your <b>Track</b> and it will appear under the <b>World Icon, Routes</b> : 	
33	<b>Select</b> the <b>Tracks</b> you want to <b>Upload</b> and then <b>select</b> the <b>Upload button</b>	
34	You will be asked to <b>Sync Data; select Yes</b>	
35	A message will be displayed stating <b>Sync Successful; select OK</b>	
36	You have now <b>uploaded the file(s)</b> to the <b>server</b> .	
37	<b>Open Mapyx Quo v 2.6.1</b>	



38	In <i>Quo</i> , select the <i>Explorer Icon</i> :	
39	Select the <i>Project</i> Tab	
40	Select the <i>Icon</i>  , which when hovered over with the mouse, states <i>Import Data from MX Mobile</i> .  It is the <i>Phone Icon</i> with the <i>arrow pointing into it</i> .	
41	Select the <i>device</i> that you wish to <i>import data</i> from:	
42	Select the <i>File Location</i> where you wish to store the data.	
43	Select the <i>Folder</i> you want, or create a new one and <i>select OK</i> .	

44	<b>Quo</b> will display a new message; <i>select OK.</i>	
45	<b>Quo</b> will display the status. <i>Select OK.</i>	
46	<p><b>Go to Quo/Import/File/and select gpx format (1.1) and import the File</b> from the location you saved it to.</p> <p><b>Quo will import the data.</b></p>	

## Stage 8 – ONLY for Previous Users – Advanced

### 47 OPTIONS

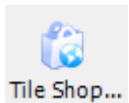
You have two options:

1. Update the App automatically.
2. Uninstall the App and do a fresh Install (**[Read below before you select this option](#)**).

#### **Option 1**

Some devices will do this automatically and some will not depending on your settings. You will have to check your Mobile settings to check this or you can update by going to Google Store. The latest version is 1.0.4.

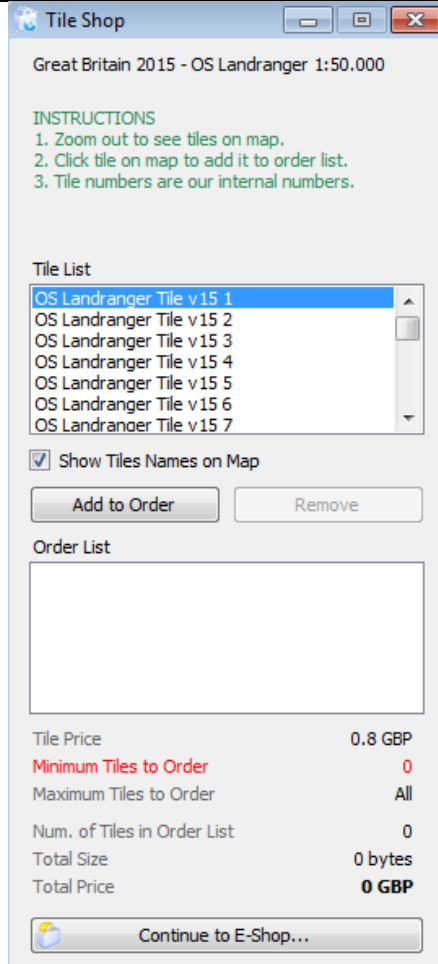
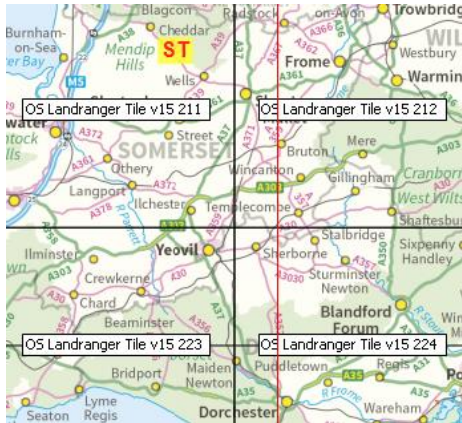
If you follow Option 1 you should NOT lose you previously installed maps. If this does happen then please go to Stage 3 above.

	<p><b>Option 2</b> Some Users have already <i>transferred</i> their <b>Map Tiles</b> to their devices and will not wish to do this again. These instructions are to permit you to manually transfer the data over.</p>
48	<i>You will have to <b>transfer</b> your <b>Map Tiles</b> to a new directory as a temporary measure.</i>
49	<b>Create a Temporary directory</b>
50	<p><b>Go to</b> where the <b>Map Data</b> is stored:</p> <p><u><b>Internal device OR SD Card – Android/Data/x3sGroup.MXMapMobile/files/maps.</b></u></p>
51	<b>Copy</b> the <i>entire contents</i> of this <b>directory</b> into a <b>temporary directory</b> . <b>Do NOT create a sub-directory under MXMapMobile directory since it is this directory that will be deleted when you uninstall. Please create a completely new directory separate to MXMapMobile, such as “Android/Data/Temp Maps”.</b>
52	<b>Uninstall</b> the <b>App</b> on your <b>Mobile Device</b> .
53	<p><b>Install</b> and <b>Activate</b> the <b>App</b> as <b>Stage 2</b> above – this will be the <b>New App</b> from <b>Google Playstore</b>.</p> <p><u><b>You do NOT need to repurchase</b></u></p> <p>.</p>
54	<b>Transfer a single map tile as Stage 3 above</b> – this will <b>create the directories</b> on your <b>Mobile Device</b> .
55	<b>Once transferred, check that the single map tile is on the device.</b>
56	<b>Check that the directories as in 38 above exist. If they do not appear, reboot your phone and try again.</b>
57	<b>Manually copy</b> the contents of the <b>temporary directory</b> into the <b>automatically created directory</b> .
58	<b>Run Activation</b> again and your <b>Map Tiles</b> will appear.
<h2>Stage 9 – Knowing which Map Tiles to Sync</h2>	
59	Some Users have a limited amount of disk space and only wish to <b>transfer</b> certain <b>Map Tiles</b> . This is fairly easy to do.
60	<p><b>Open Quo</b> and <b>Open</b> the <b>Tile Shop</b></p> <div style="text-align: center;">  <p>Tile Shop...</p> </div>
61	<b>Select</b> the <b>Map Tile Scale</b> you wish to display and <b>select OK</b>

62 A new **Window** will appear – see opposite.








**Check** the box marked **Show Tiles Names on Map**

**Zoom out** and you will see the **Map Nos** on screen:



63 Make a note of the **Map Tiles** you want to **synchronise** and then go to **Stage 3 above** and **Upload** the **Map Tiles** you want on your **Mobile Device**.

## Functions MX Map Mobile

	<p><b>Tap</b> to start the Application.</p>
<p>The App and Maps will load.</p>	<p>Whichever Maps you have loaded will appear on the main screen</p>
<p>Navigating</p>	<p>Slide your finger or stylus over the screen to move the maps. Pinch the screen to zoom in or stretch your fingers over the screen to zoom out.</p>
<p>Cross Hair</p>	<p>This will always be in the centre of your screen. It is not always your actual position.</p>
	<p>Select the grid Coordinate you require. Press back arrow to return to the Map Screen. The Grid Coordinate will be displayed in the top left hand corner. This position is under the Cross Hair.</p>
	<p>Click the Choose New Data Location button to select another drive for storing data. Please note that this functionality is disabled if you do not have an SD card plugged into the phone. If you change the Data Location (for <b>Map Storage</b>), then you will need to <b>Reboot</b> your <b>Mobile Device</b>.</p>
	<p>Select this icon to display the maps that are available in the system. Tap the ones you wish to display. Press back arrow to return to map screen.</p>
	<p>Select the Routes tab to display the Routes/Tracks available to you. Press back arrow to return to map screen. See below for loading. If no Routes are available to you, go to Mapyx Quo, create a Route, select the Route in Explorer/project and select the Export to device.</p>
	<p>Tap this Icon to align the map with your current location. Note you must have the Location Services enabled to display your position.</p>
	<p>Hold the 3<sup>rd</sup> Icon for three seconds and it will show a red dot in the centre of the icon. This means that it will record the Tracks; a blue line will appear on screen as you walk, indicating the Track. You will also see the position icon on screen in black for not tracking and red for tracking. Hold the 3<sup>rd</sup> Icon for three seconds to turn off the Track. The Track will appear on screen. To show/hide (select or deselect) the Track or Route display, go to the 2<sup>nd</sup> Icon and select the ones you wish to display.</p> <p>This feature also now has a lock to screen function so that the screen will automatically jump to the latest GPS data.</p>
<p><b>Note</b></p>	<p>Tracking data is stored every time your device finds and records a location under its Location Services. These files are quite small, so only about 0.5mb for one hour of tracking at 1 second intervals.</p>

If you have any questions or queries then please contact us at [info@mapyx.com](mailto:info@mapyx.com).

Please enjoy this new App, but be aware that we recommend a Map and Compass be used (correctly) and or available at all times when navigating outdoors. Total reliance of electronic devices is fool hardy.

**The Mapyx Team**