

## Leica Captivate configuration for SmartNet Multi-GNSS

### Introduction

From August 2018, HxGN SmartNet GB offers nationwide GNSS real-time corrections now supporting additionally Galileo and BeiDou satellite constellations.

### Pre-requisites:

Corresponding GNSS option(s) licensed on Leica GS receiver eg. Galileo and/or BeiDou

Step	Instruction	Screenshots
1	<p>From the Captivate Home screen, open <b>Settings</b></p> <p>[7] <b>About Leica Captivate</b></p> <p>[F6] Page to <b>GS sensor</b> tab</p> <p>scroll down</p> <p>Ensure <b>Galileo</b> and/or <b>BeiDou</b> are active or contact your Leica Geosystems supplier to purchase required options</p>	


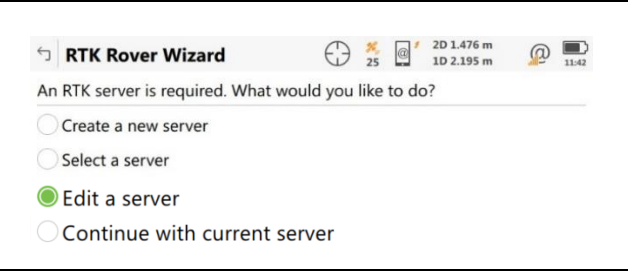
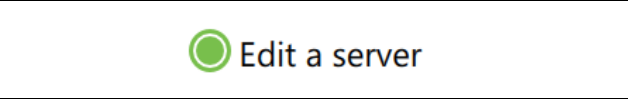
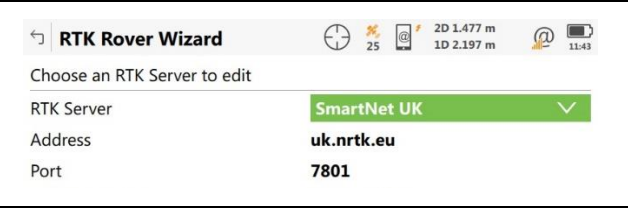
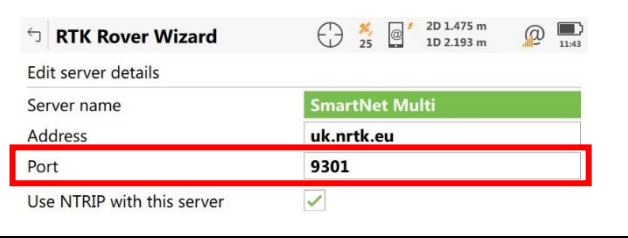
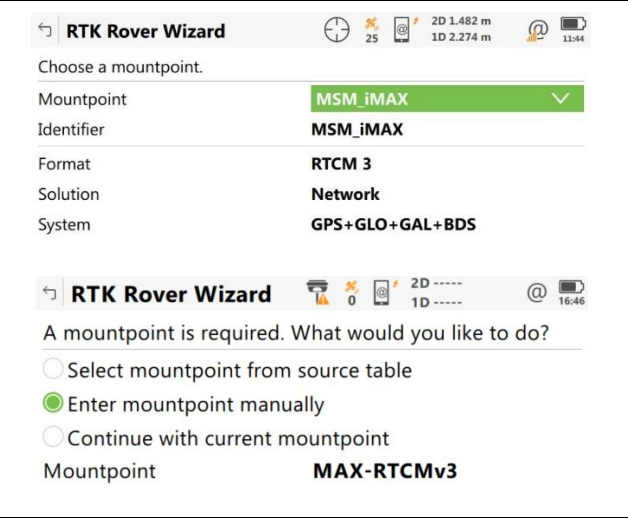
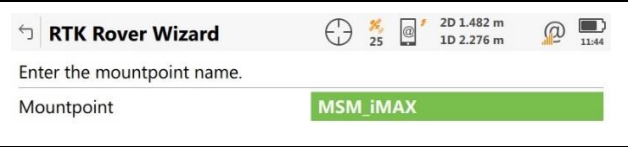
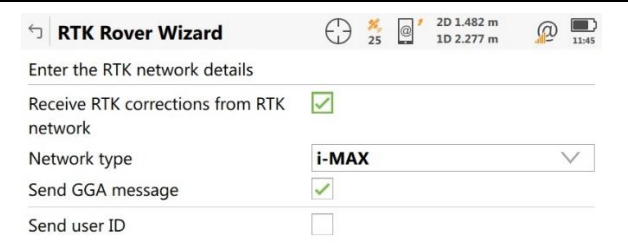
### Overview

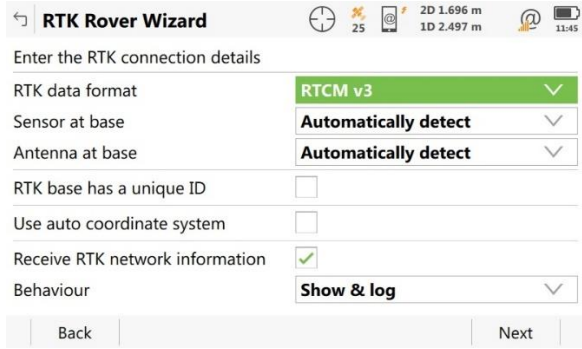
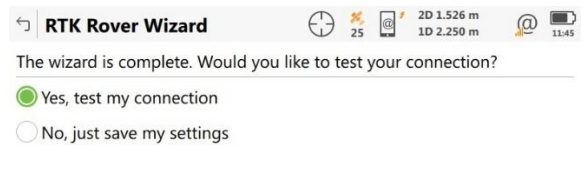

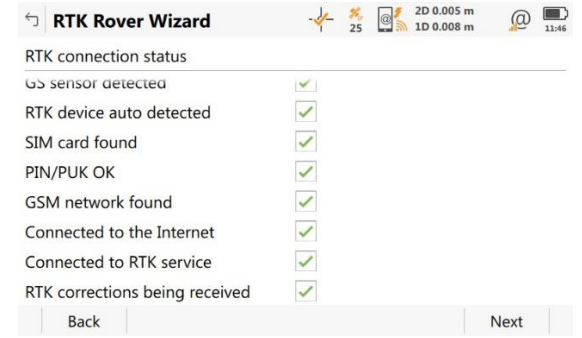
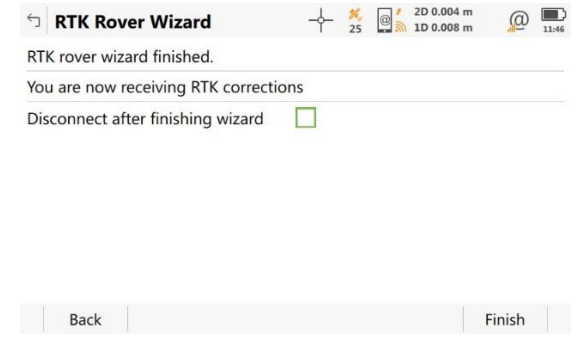
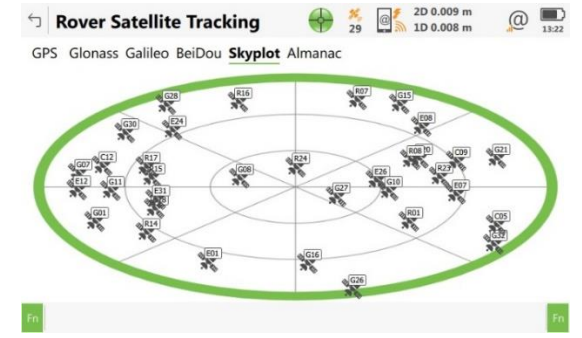
Change the SmartNet server Port to 9301

Change the SmartNet server Mount Point to MSM\_iMAX<sup>1</sup>

Change the SmartNet Reference Network type to i-MAX<sup>1</sup>

Step	Instruction	Screenshots
2	<p>From the Captivate Home screen, open <b>Settings</b></p>	
3	[1] <b>Connections</b>	
4	[2] <b>RTK Rover Wizard</b>	
5	Select <b>Edit an existing profile</b> and proceed with [F6] <b>Next</b>	

6	Select your SmartNet profile. If you have multiple, then you will need to repeat this process for each of them. [F6] Next	
7	Proceed through the wizard by pressing [F6] Next, 8 times to reach the RTK server page	
8	Select <b>Edit a server</b> and proceed with [F6] Next	
9	Select RTK server to edit and proceed with [F6] Next	
10	Edit Port to <b>9301</b> and proceed with [F6] Next	
11	<p>If connected to the internet, choose <b>Select mountpoint from source table</b> and select <b>MSM_iMAX</b> and proceed with [F6] Next</p> <p>Proceed to step 13.</p> <p>If not connected to the internet, select <b>Enter mountpoint manually</b> and proceed with [F6] Next</p>	
12	Enter <b>MSM_iMAX</b> and proceed with [F6] Next	
13	Select the Network type as <b>i-MAX</b> (Appropriate to the Mountpoint selected) and proceed with [F6] Next	

<p>14</p>	<p>Ensure RTCM v3 is selected for the RTK data format and proceed with [F6] Next</p>	
<p>15</p>	<p>If connected to the GS receiver and the internet, it is possible to test the connection by selecting <b>Yes, test my connection</b> and proceed with [F6] Next</p>	
<p>16</p>	<p>Observe successful connections resulting in RTK initialised (denoted by ) and proceed with [F6] Next</p>	
<p>17</p>	<p>The RTK rover wizard is completed. Optionally disconnect after finishing the wizard. Proceed with [F6] Finish</p>	
<p>18</p>	<p>For subsequent use, connect to SmartNet as usual by <b>Starting the RTK Stream</b> and benefit from additional satellites in the service.</p>	

<sup>1</sup> Nearest and VRS services are also available