

Magnet Field tutorial

NTRIP connection.





1

SELECT CONFIG



Default



Job



Configure



Exchange



Edit



Calculate



Map



Connect



Setup

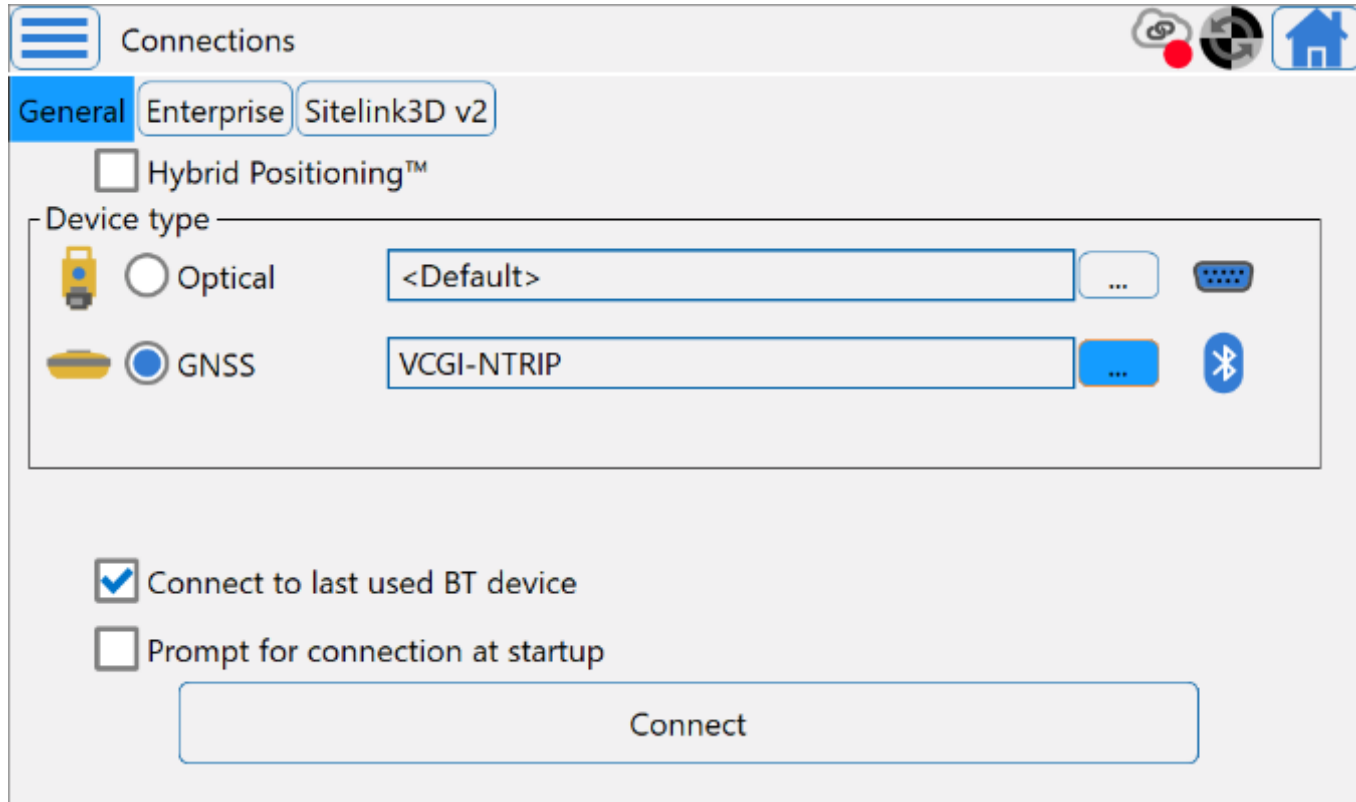


Reports



Apps

Hit the three dots and select « VCGI-PPK » config.

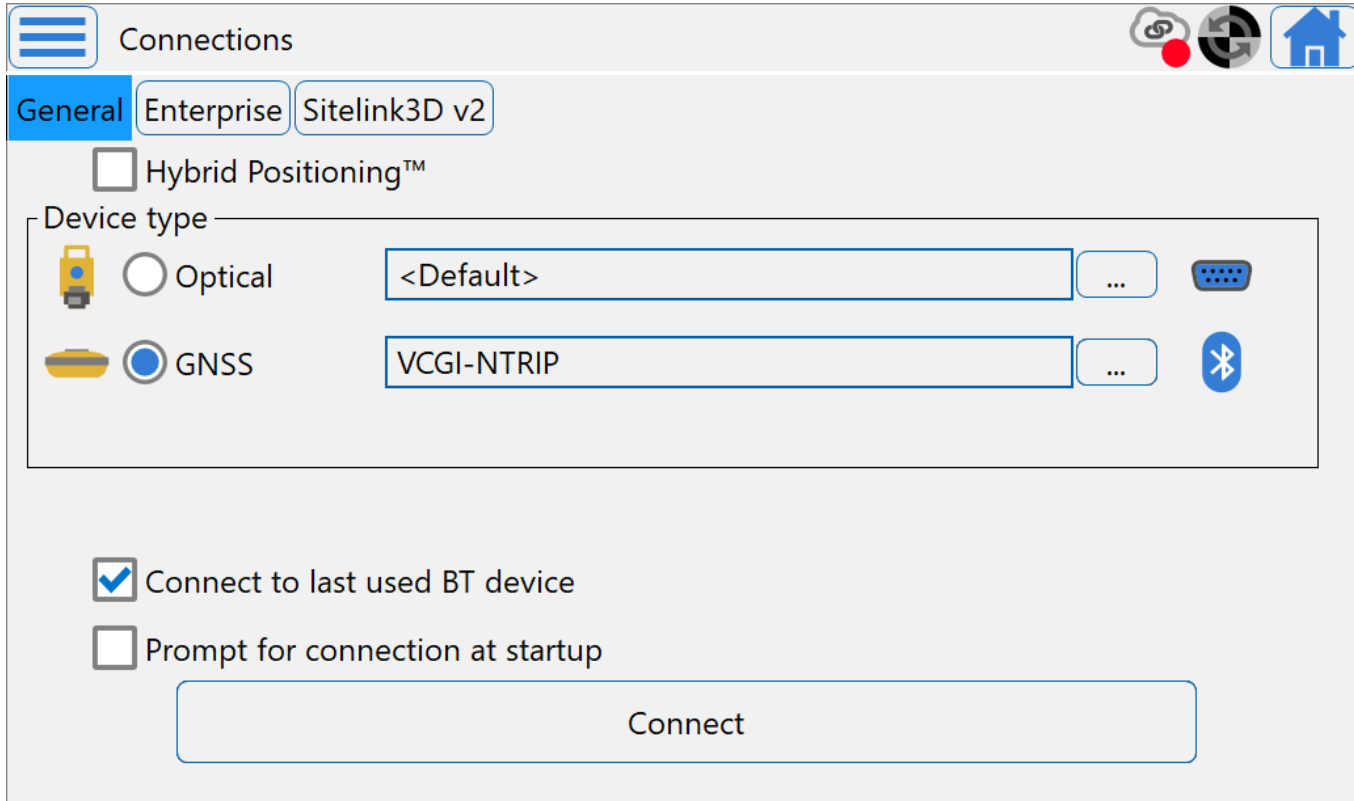




Select a Configuration to Import




Configuration Name	Type
<Default>	RTK/Skybridge
VCGI-NTRIP	Network RTK/Skybridge
VCGI-PPK	PP Static

Hit the « Connect » button.



The screenshot shows a software window titled "Connections" with a menu icon on the left and three icons (cloud with red dot, compass, and home) on the right. Below the title bar are three tabs: "General" (selected), "Enterprise", and "Sitelink3D v2". Under the "General" tab, there is a checkbox for "Hybrid Positioning™" which is unchecked. Below this is a section titled "Device type" containing two rows of options. The first row has a radio button for "Optical" (unchecked), a dropdown menu showing "<Default>", a three-dot menu icon, and a serial port icon. The second row has a radio button for "GNSS" (checked), a dropdown menu showing "VCGI-NTRIP", a three-dot menu icon, and a Bluetooth icon. Below the "Device type" section are two checkboxes: "Connect to last used BT device" (checked) and "Prompt for connection at startup" (unchecked). At the bottom center is a large "Connect" button.







Hit « Network » tab.

Connections   

General Enterprise Sitelink3D v2 Network

Hybrid Positioning™

Device type

	<input type="radio"/> Optical	<input type="text" value="<Default>"/>		
	<input checked="" type="radio"/> GNSS	<input type="text" value="VCGI-NTRIP"/>		

Connect to last used BT device

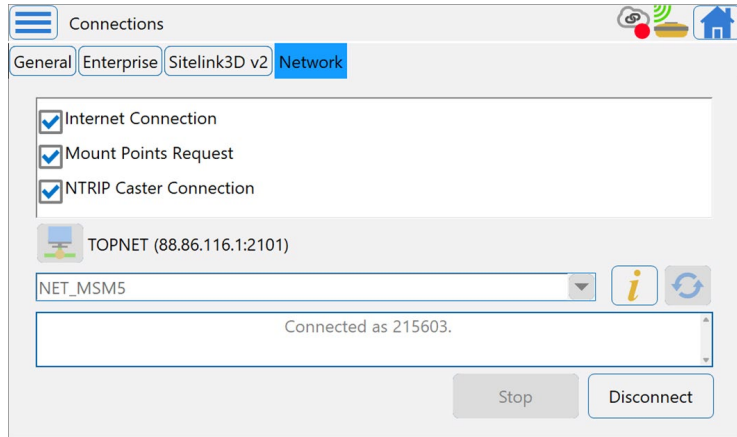
Prompt for connection at startup

In the dropdown list select the caster.

The screenshot shows a software window titled "Connections" with a navigation bar containing "General", "Enterprise", "Sitelink3D v2", and "Network" (which is highlighted in blue). In the top right corner, there are icons for a cloud with a red dot, a yellow card, and a blue house. Below the navigation bar, there are three checked checkboxes: "Internet Connection", "Mount Points Request", and "NTRIP Caster Connection". Underneath, there is a section for "TOPNET (88.86.116.1:2101)" with a computer icon. A dropdown menu is open, showing three options: "TOPNET (88.86.116.1:2101)", "TERIA (78.24.131.136:2101)", and "TERIA2 (78.24.131.136:2101)". To the right of the dropdown are an information icon and a refresh icon. Below the dropdown is a text area containing the text "connected from the caster.". At the bottom right, there are two buttons: "Stop" and "Connect".

In the second dropdown list select the mountpoint.
If there is nothing hit « refresh button ».

The screenshot shows a software window titled "Connections" with a menu icon on the left and icons for a cloud, a wallet, and a home button on the right. Below the title bar are four tabs: "General", "Enterprise", "Sitelink3D v2", and "Network" (which is highlighted in blue). The main area contains three checked checkboxes: "Internet Connection", "Mount Points Request", and "NTRIP Caster Connection". Below these is a computer icon and the text "TOPNET (88.86.116.1:2101)". A dropdown menu is open, showing "NET_MSM5" with a downward arrow. To the right of the dropdown are an information icon (i) and a refresh button (circular arrow). Below the dropdown is a text box containing "Source table received." At the bottom right are two buttons: "Stop" and "Connect".



If NTRIP caster is connected, you will see:

- 1- A message with "Connected as XXX" where XXX is the ID of the account
- 2- The second icon on the top right of the screen show a rover with green waves.

2

VERIFY FIX



Default



Job



Configure



Exchange



Edit



Calculate



Map



Connect



Setup



Survey



Stake




Reports



Apps



Default



Status



Manage Receiver



Mission Planning



Localization



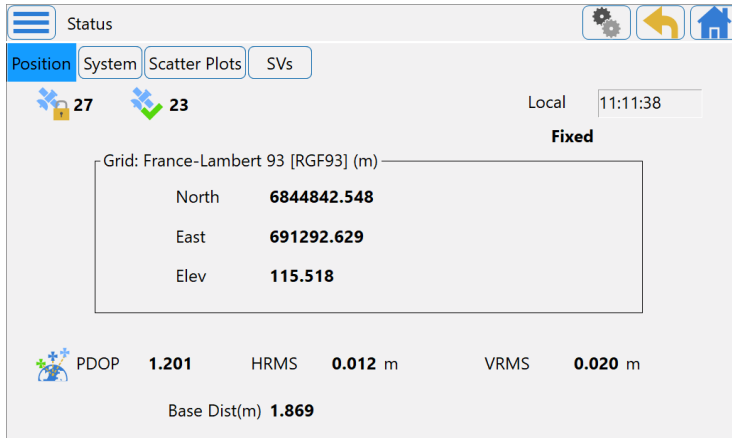
Survey Session



Correct Base



Mock Location



In this window you can check:

1- If solution is "Fixed"

2- The statistics (Eg: PDOP and horizontal/vertical precisions)

3- The distance of the VRS.

4

CONCLUSION

Now you can start to survey.

