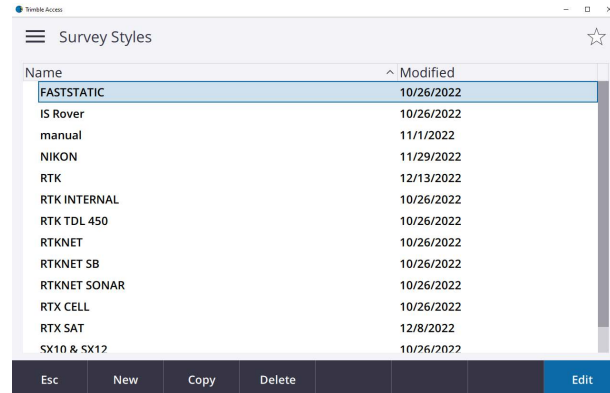
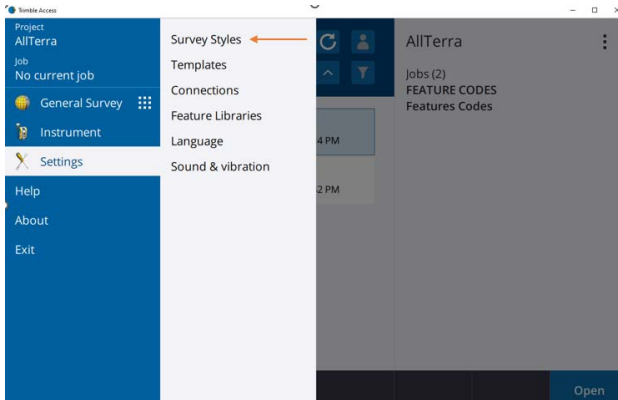
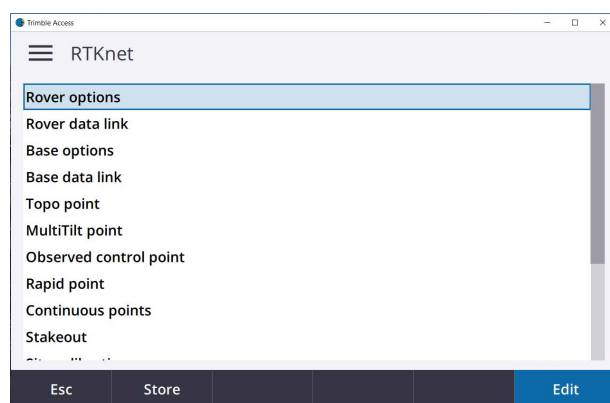
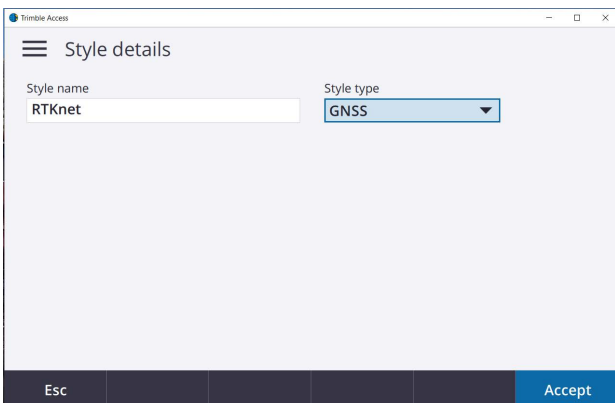


CREATING RTKnet and RTKnet SB SURVEY STYLE

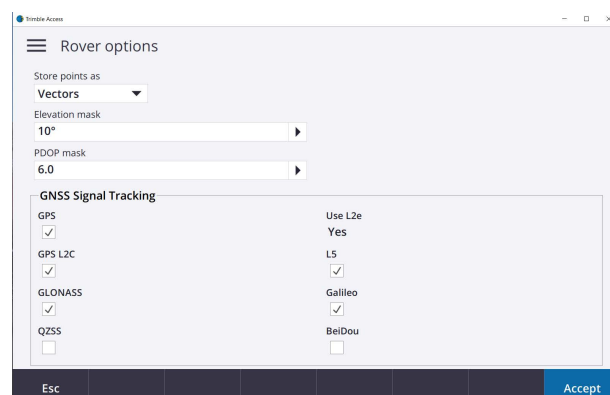
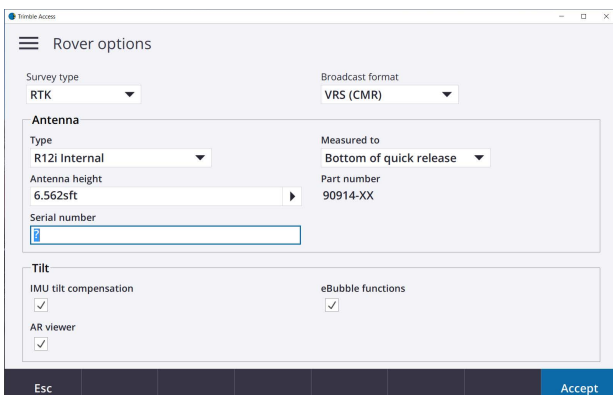
- Select SETTINGS, Survey Styles
- Select New at the bottom of the list of Survey Styles



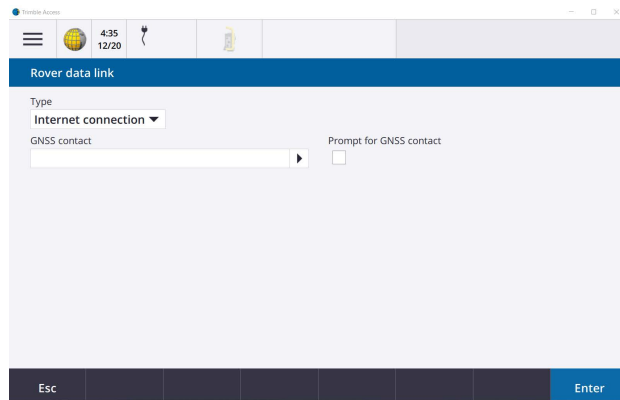
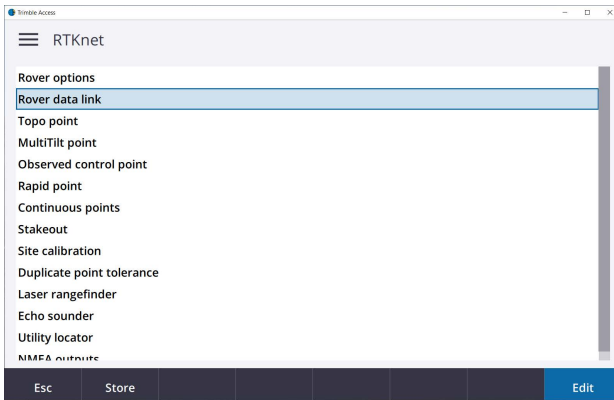
- Name the Survey Style, select GNSS for Style Type, and accept



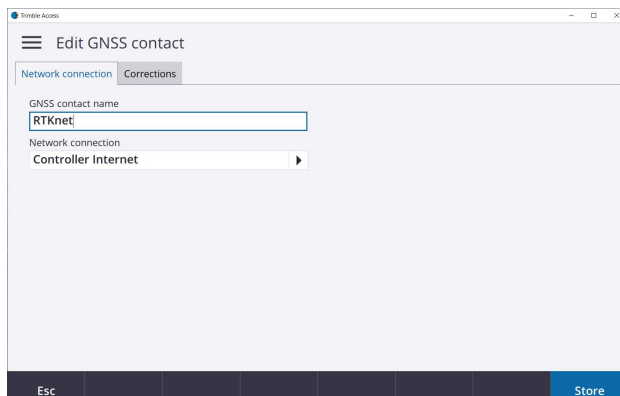
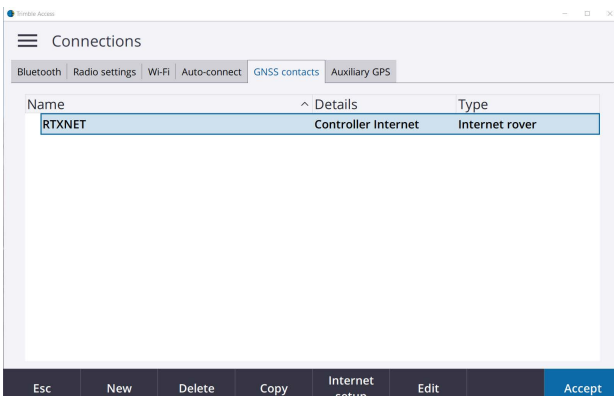
- Select Rover Options
- Survey Type: RTK. Broadcast Format: VRS(CMR). For a single base survey style the broadcast format would be changed to Multi station(CMR). Select the appropriate Antenna settings for your receiver type
- Store points as: Vectors. Elevation mask: 10. PDOP mask:6.0. Select appropriate GNSS constellations for your receiver. Accept in the bottom right corner



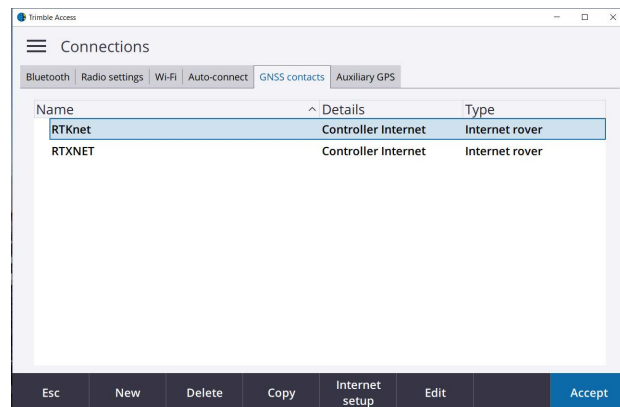
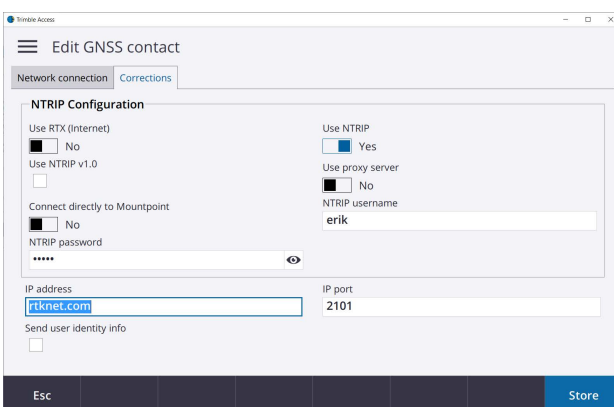
- Select Rover data link
- Type: Internet Connection
- GNSS Contact: Select the arrow on the right side of the field to proceed to the GNSS contact list



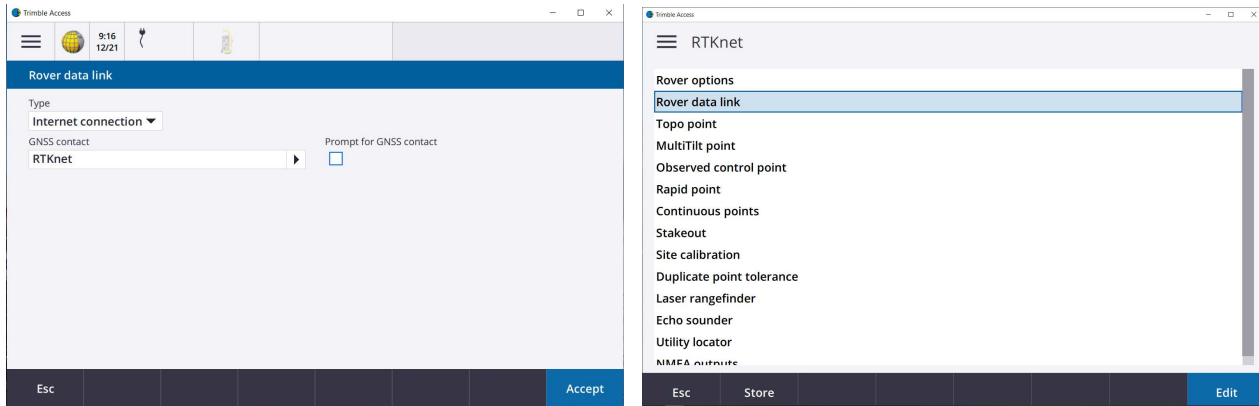
- In the connections page, GNSS contacts tab, select new at the bottom of the page
- In Edit GNSS Contact, Network Connection tab, name it RTKnet and select controller Internet



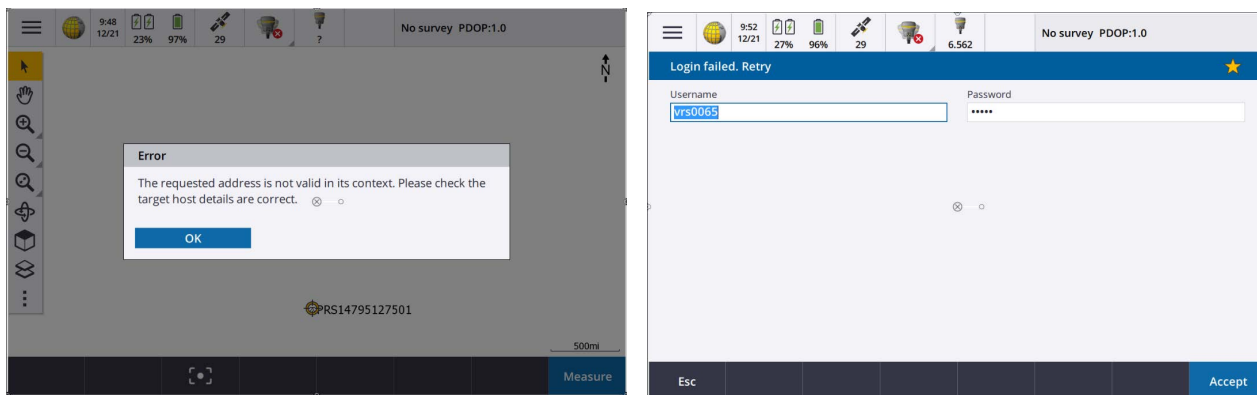
- In Edit GNSS Contact, Corrections tab, select Use NTRIP: yes, connect directly to Mountpoint: no, fill in your username and password, IP Address: rtknet.com and IP port: 2101, store.
- In connections, gnss contacts list, highlight new profile and accept in bottom right



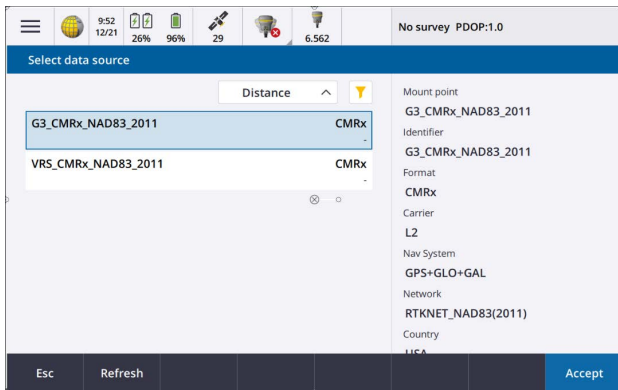
- Back in Rover Data Link the GNSS contact you created populates in the field, prompt for GNSS contact will be left blank
- accept in the bottom right corner
- In the RTKnet Survey style list, select Store at the bottom of the screen to complete the setup of your RTKnet survey style and GNSS Contact



- Important Note: RTKnet requires an Internet connection to receive corrections. This is either through cellular (sim card in the device), or wifi connection (connecting to a hotspot or local wifi).
- Common issues
 - "Error The Requested address is not valid..." - There is no Internet connection. Check your sim card or Hotspot.
 - "Login failed. Retry" - Username or password is invalid or someone else is already logged in with those credentials
 - If it stalls part way through loading base data, make sure the receiver is gathering sufficient satellites and the coordinate system is correct. If the receiver does not have enough satellites to determine a rough location or an incorrect coordinate system is used, the correct base data cannot be determined.



- When starting a RTKnet survey and select data source populates, G3 should be selected for all newer receivers that are Galileo capable(R10, R12, R12I). VRS should be used with older receivers that are not Galileo capable(some of your R8, and R6)
- When starting a RTKnet SB or Single base survey and "select data source" populates, the list auto fills from closest to farthest base. The base at the top of the list should be selected to utilize the closest base station.



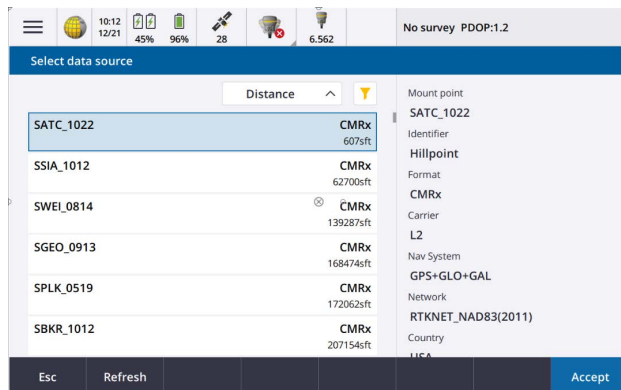
9:52 12/21 26% 96% 29 6.562 No survey PDOP:1.0

Select data source

Distance ^

Mount point	Identifier	Format	Carrier	L2	Nav System	Network	Country
G3_CM Rx_NAD83_2011	G3_CM Rx_NAD83_2011	CM Rx			GPS+GLO+GAL	RTKNET_NAD83(2011)	USA
VRS_CM Rx_NAD83_2011		CM Rx					

Esc Refresh Accept



10:12 12/21 45% 96% 28 6.562 No survey PDOP:1.2

Select data source

Distance ^

Mount point	Identifier	Format	Carrier	L2	Nav System	Network	Country
SATC_1022	SATC_1022	CM Rx	6075ft				
SSIA_1012		CM Rx	62700sft				
SWEL_0814		CM Rx	139287sft				
SGEO_0913		CM Rx	168474sft				
SPLK_0519		CM Rx	172062sft				
SBKR_1012		CM Rx	207154sft				

Esc Refresh Accept