

This is in regards to using SurvCE Version 2.50 or higher to scale your jobsite from Grid to Ground if you are localizing to 1 point in a Local Coordinate system.

Localizing to 1 point with Assumed Coordinates then scaling to Ground

 You can use the same method from Version
2.09 to go into Equip / Localization / Points tab to add in your 1 known Control Point and collect a GPS Rover measurement to that point.



 Tap the GPS Tab tap "Yes" if it prompts you to save your Localization File. Check the box for "Use Grid to Ground" then tap the GPS Rover icon in the bottom right to "Read GPS" and calculate your combined Grid to Ground Scale



裬 Localiz	ation		🔽 🔽				
System	TS	GPS	Points	By Helme	ert		
Localization Method Multi Point Method							
Plane Similarity							
One Poir	nt Azimut	h State	e Plane Gr	id	•		
Geoid File: None							
Geoid Interpolation Method: Quadratic							
✓ Use Grid to Ground: 1.000047233801							

 Then while still in the GPS tab = tap the "Calculator" icon in the bottom right to view your current calculated values and tap the "Localization" button in the bottom right corner to set your localization point in the Points tab as the "Scale Point" to use.



factor

è GPS Grid To Ground 🛛 🏹 🖌 🗙						
N: 2956798.7385	E: 747007.2909	Z: 328.0912				
Grid Factor:	0.999968461911					
Average Height:	328.0912					
Sea Level Factor:	0.999984303768					
1/Combined:	1.000047236057	Calculate				
Scale Point						
Point Id:						
North: 295679	8.7382 East:	747007.2908				

4) Tap the Green Check in the upper right to save these settings then tap the Green Check for Localization to Apply these changes to your Job

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