



WinTAK

Vehicle Navigation System

Plug-in Version: 1.0

WinTAK 5.5

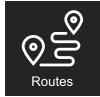
12 August 2025



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Overview



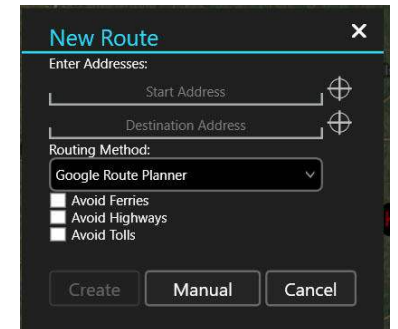
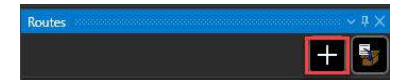
The Vehicle Navigation System (VNS) Plug-in provides enhancements to the route planning features of WinTAK. VNS adds vehicle routing engines to enable new and existing routes to be snapped to roadways and generates voice cues for navigation. Once installed, VNS can be located using the Routes icon.

Route Creation - VNS Route

The VNS Plug-in allows for point to point over the road route planning. To begin a new VNS route, open the Routes Tool and select +.

When VNS is active and **New Route** is selected, the Route Planning dialog box appears instead of the manual placement dialog. To manually create a route using the WinTAK Routes core feature, select **Manual**. Otherwise, use the text entry fields or the reticles to enter start and destination addresses for the route.

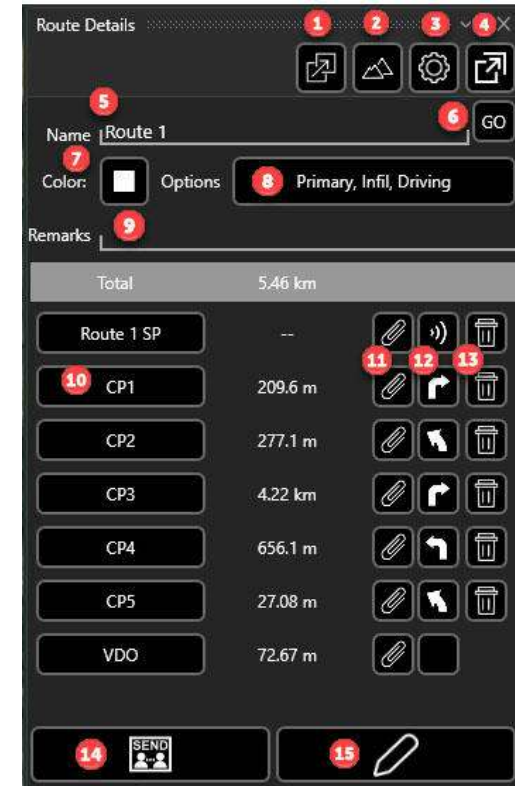
Select **Google Route Planner** for the Routing Method and check any necessary avoidance options. When the information is correct, select **Create** and the VNS route will calculate and display on the map.



Route Creation - VNS Route (continued)

The Route Details pane appears after creation. Selection of any of the following items performs the corresponding action:

Number	Button	Action
1	Export	Export to local file
2	Elevation Profile	Displays the Elevation Profile
3	Settings	Opens the Route Preferences
4	Open in New Window	Route Details opens in new window
5	Route Name	Rename the route
6	GO	Begin navigation
7	Color	Select route color
8	Route Details Drop-down	Change route type, infiltrate/exfiltrate, primary/secondary, checkpoint order
9	Remarks	Add remarks and hashtags
10	Checkpoint Name	Set checkpoint names
11	Attachment	Insert Image, Video or files to checkpoint
12	Navigation Cue	Set visual navigation cue for checkpoint
13	Delete	Removes checkpoint
14	Send	Send route to another device
15	Edit	Opens route for editing



Preferences

The Directions API Key can be manually configured by accessing the **Settings > Tool Preferences > VNS Preferences**. Organizations are responsible for licensing their own key.

For information on route navigation in WinTAK, refer to the Routes section of the WinTAK Software User Manual. This can be accessed by selecting **Support** and **WinTAK User Manuals** from the Additional Tools menu.

