

# Technical Support Walkthrough

## Utilizing Webmapping Services in Terra Sync

With the advent of open GIS, it is vector and raster data that are becoming more available and free. TerraSync has the built in capability to handle the streaming of such services. Eventually, perhaps dealers could set up web mapping servers for customers, using customer's data, and help them point to this data as a background during a mapping session.

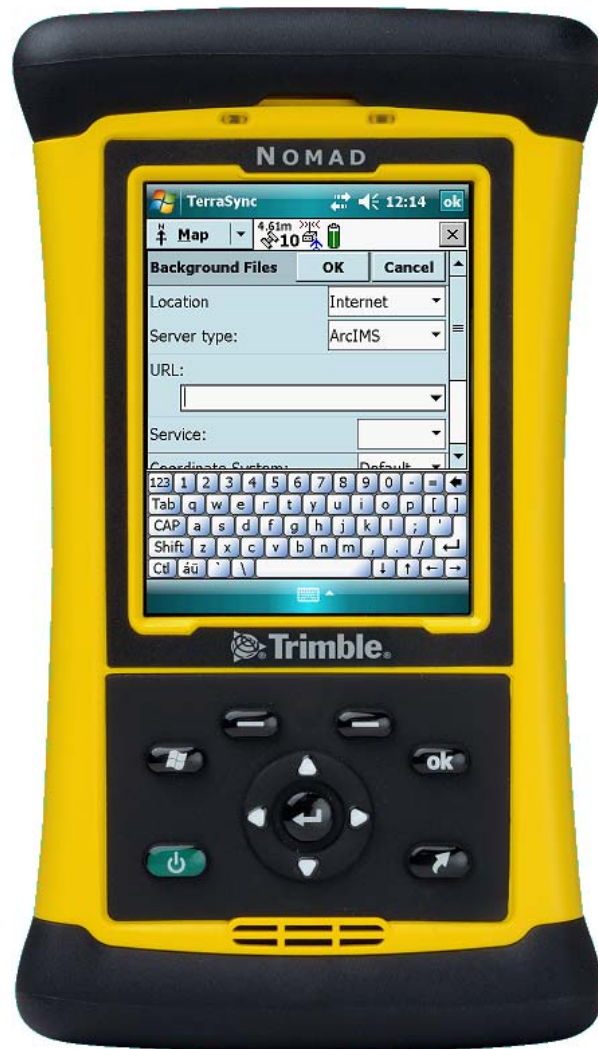
The following is a walkthrough on how to set up TerraSync to utilize a raster feed from [seamless.usgs.gov](http://seamless.usgs.gov). The process to get a background image on a data collector can sometimes be cumbersome and a little painful. This is another way, provided you have some sort of data connection in the field. I use my phone as a bluetooth modem.

I will not go over setting up the data connection, as there are many providers with different log-on procedures, speeds, and hardware. This is written to assume you already have a data connection.

Start TerraSync and acquire a fix.



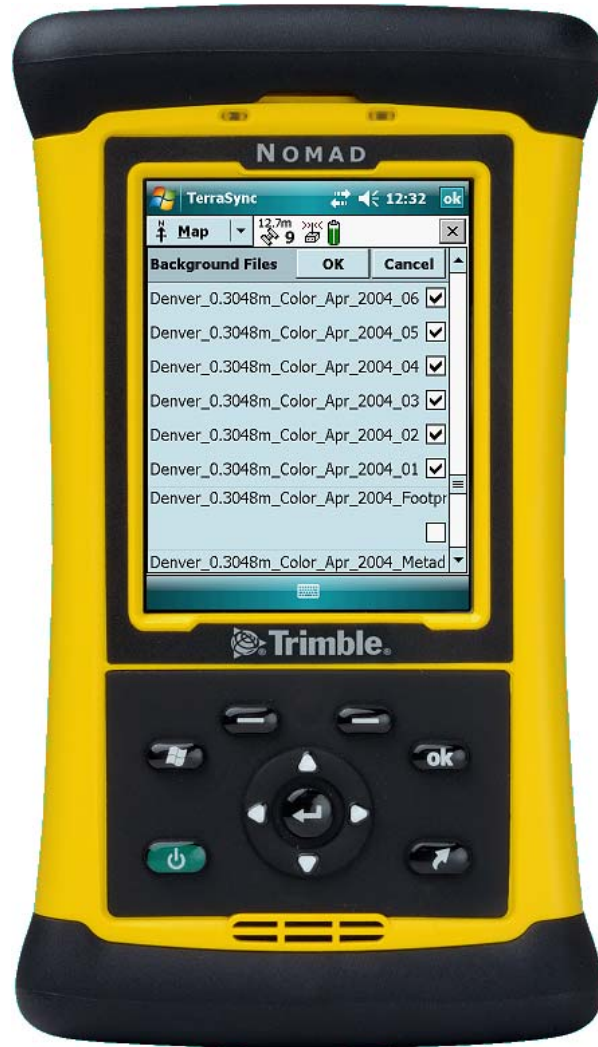
Navigate to your “Map” page. In your “layers” background list, select “background files”. Under “location”, select “internet”. For “server type” select ArcIMS. I did some research and noted that the server that I am utilizing is using ArcIMS.



For the URL type in “seamless.usgs.gov”. For service, we will scroll all the way down to the bottom and select “USGS\_EDC\_Ortho\_Urban”. This is only available in select cities. CompassTools is located in the great city of Denver, and we know that Denver is available on this stream. 4326 is the only Coordinate System available for this stream. That is fine for our purposes, as 4326 is the code for WGS84.



You will notice that a myriad of selections will become available to you after this choice. I am not sure which urban zone of Denver I reside in, so I will select all of them. Note: this is one-foot imagery, so it will take some time to download.



After that, if you want to save this imagery for a later date, navigate to /My Documents/TerraSync/Temp. There you will find a current .jpeg and a world file that will be deleted at the end of your session, so let's move these files to the main TerraSync directory. Now its available to you at any time.



After completion, enjoy your imagery! Happy Mapping!



Questions or Comments?  
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