

README FIRST!

FG 2005 and your Tracker

FieldGenius 2005 is installed on your MicroSurvey Tracker before it is shipped, so there is no need to install the FieldGenius 2005 program.

However, to connect your device to your computer you need to make sure you have Microsoft's ActiveSync program installed. Once you've confirmed that it is, you can install our ActiveSync Support module which will display a transfer dialog. This dialog will help you upload and download your files and projects.

The rest of this document is designed to help you:

- Locate Microsoft ActiveSync.
- Install Microsoft ActiveSync if it doesn't exist.
- Install our ActiveSync Support module.
- Help you connect your Tracker to your computer.
- Help you configure the ActiveSync Support module.
- Brief overview of uploading and downloading files and projects.

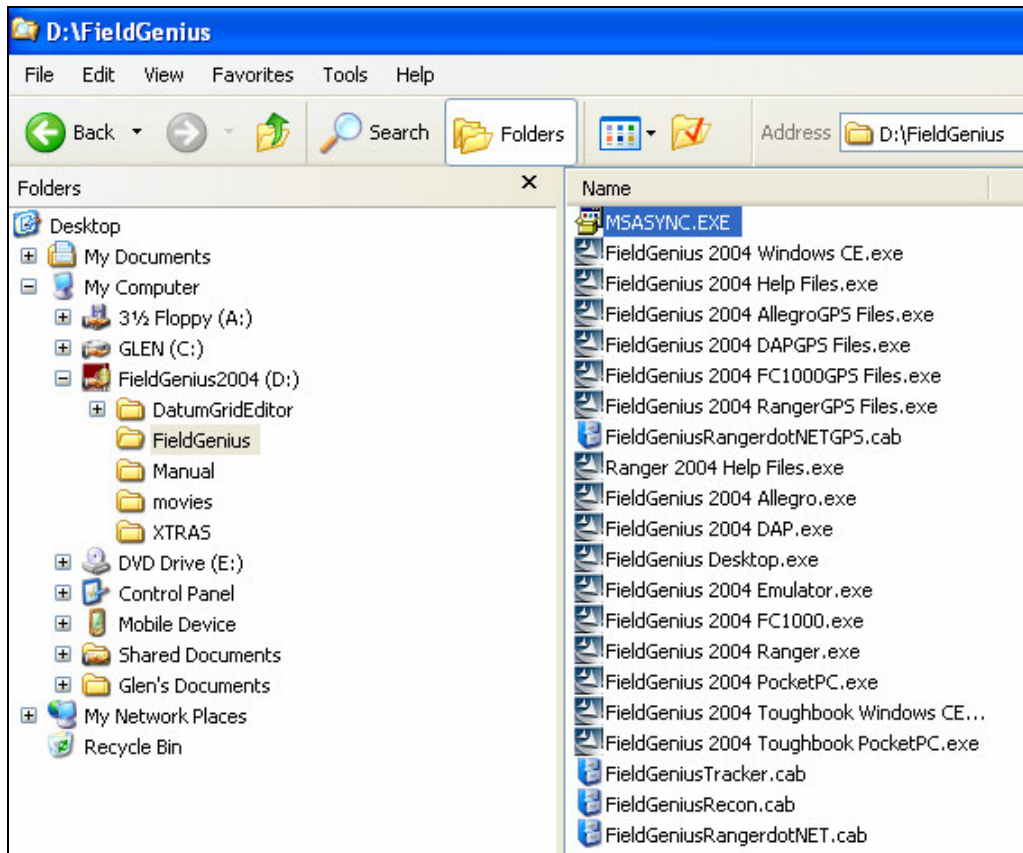
A) Locating and Installing Active Sync

Before we start our CD installation routines – then first thing you need to do is ensure that you have Active Sync by Microsoft installed on your computer. You can find it in your Start Menu – Programs and you will see the program under the name of Microsoft ActiveSync.

If it is not already installed then you can install it from 1 of 2 locations. (If it is already installed then please jump ahead to section B)

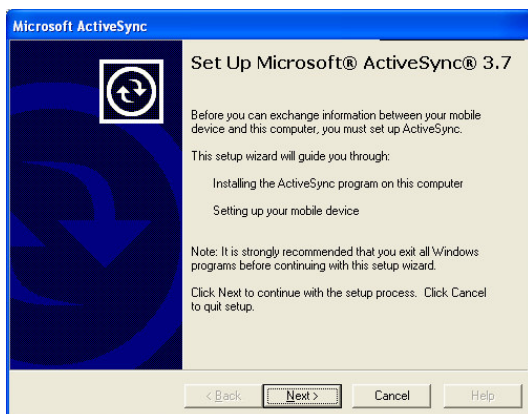
1. From the internet at the following web address:
<http://www.microsoft.com/mobile/pocketpc/downloads/default.asp>.
2. We do include the Active Sync program on our CD but it has to be located by using Windows Explorer (or My Computer) as we can not install it directly being it is not our program.

It can be found on our CD by going to the following location:

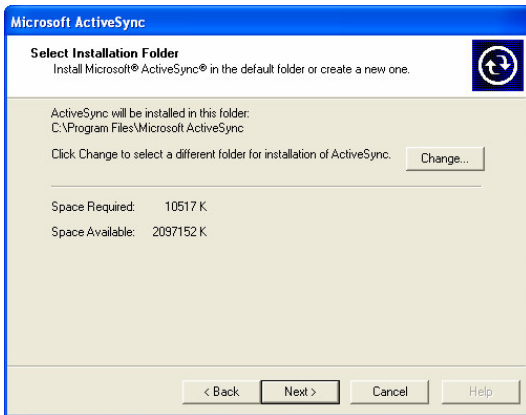


Once you have downloaded the program from the Microsoft web-site or found it on our CD, while inside Windows Explorer, double click on the Active Sync Program. (the name may be slightly different if you downloaded from Microsoft but should still say MSASYNC as part of the name). The version we have supplied is Active Sync 3.7 as this was the current version at the time this CD was printed. The Microsoft web-site may have a newer version. If it does then it is a wise idea to grab it if you are able to.

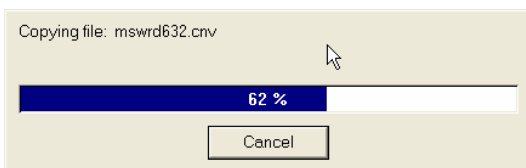
After the program copies the required files, you will see the following screen:



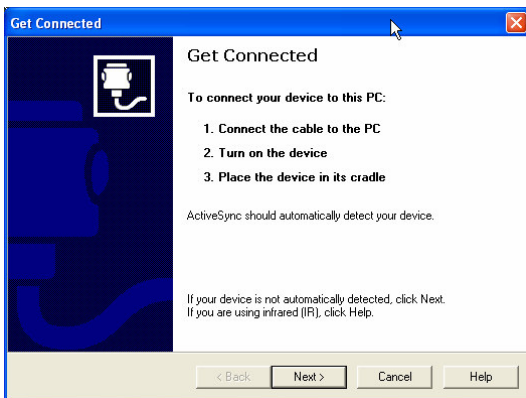
Pick on **Next** to continue:



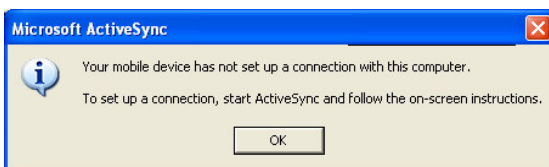
We recommend you accept the defaults. Pick **Next** to continue:



You will see the program copying files – let it continue until you see the next screen.



At this point we will pick on **Cancel**. Before we actually do any connections, we still need to install some software in step B below.



Pick **OK** to continue and complete the initial installation of Active Sync.

B) Installing our support module into ActiveSync.

1. If our FG2005 CD is in the drive – remove it and reinsert it again. This will allow it to start up automatically so our main menu comes up on screen. (If the CD does not automatically start up and bring you to the following screen, then you can use Windows Explorer to go to the CD and run the SETUP.EXE program on the root of the CD.)

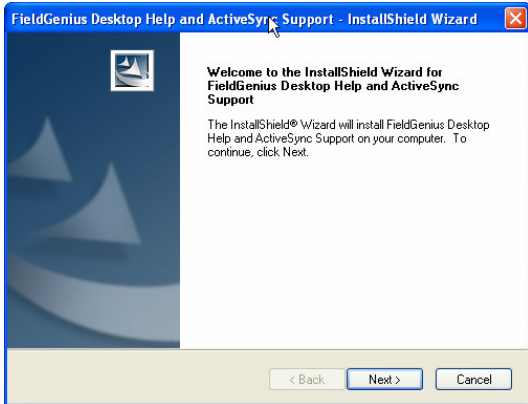


Pick on **INSTALL** to continue.

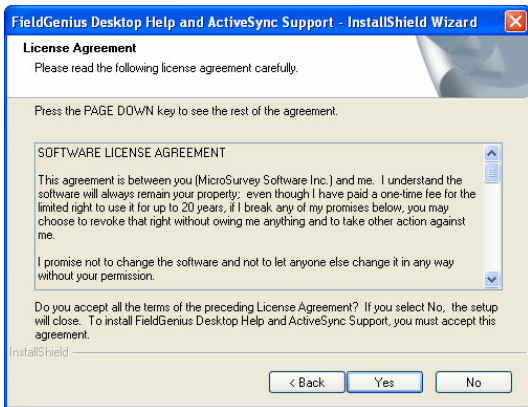
2. Step 1 on this next screen allows us to install our Active Sync add-on program to help automate the up and downloading of data to your Tracker.
3. Pick on the link "**Install FieldGenius transfer program**". (Remember – you must already have Active Sync installed (Step A above), as this only installs an add-on to the program.)



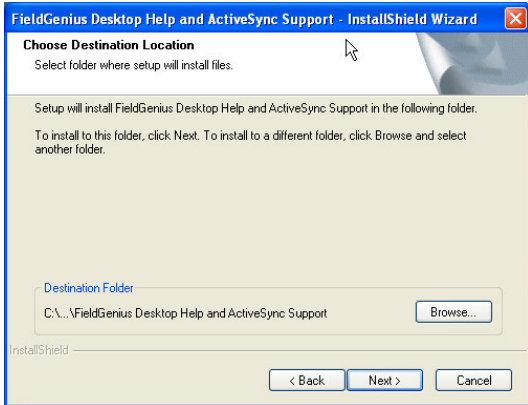
4. The Install Shield Wizard will walk you through the installation.



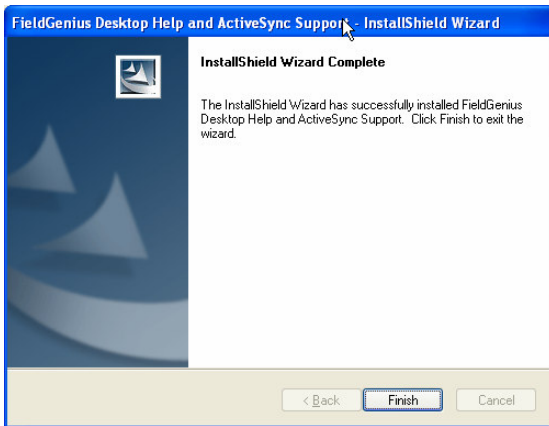
Pick on **Next** to Continue:



Read the license agreement – then pick **Yes** to continue:



We recommend you accept the default installation folder – Pick **Next** to continue:
You will see the installation program copy many files to your hard drive.
When that process has been completed, you will see the following dialog.

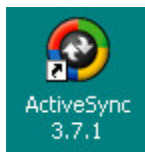


Pick on **Finish** and you are done installing our FG add-on to Active Sync.

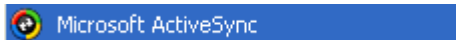
You will then be back at the Initial screen – pick on Cancel and then **Exit** on the previous screen. You are now finished installing from the CD.

C) Connecting your Tracker to the Computer and communicating with Active Sync

1. Connect the Tracker to your serial port on the back of your computer using the cable supplied with the Tracker.
2. Connect the power supply to your Tracker and Turn the Tracker power on.
3. On your computer find the Active Sync Program either on your desktop.



or via the start menu.



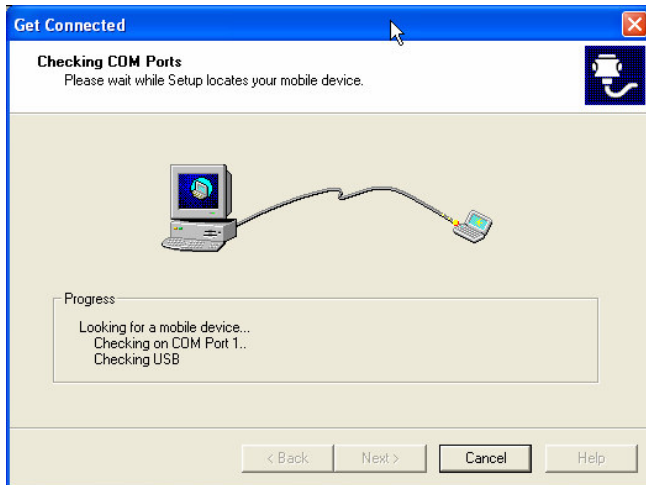
When you execute the program you will come back to this screen again.



Before you pick on Next to continue – go to your Tracker and look for an icon labelled as PC Link.

At the same time: On the computer – pick **Next**
On the Tracker - double click on **PC Link**

On the computer you will see a Get Connected screen as Active Sync searches all the ports on your computer to find your Tracker.



On the Tracker you will see a screen saying: Connecting to Host.

After a few seconds (maybe as many as 15) you will see the following dialog on the computer:



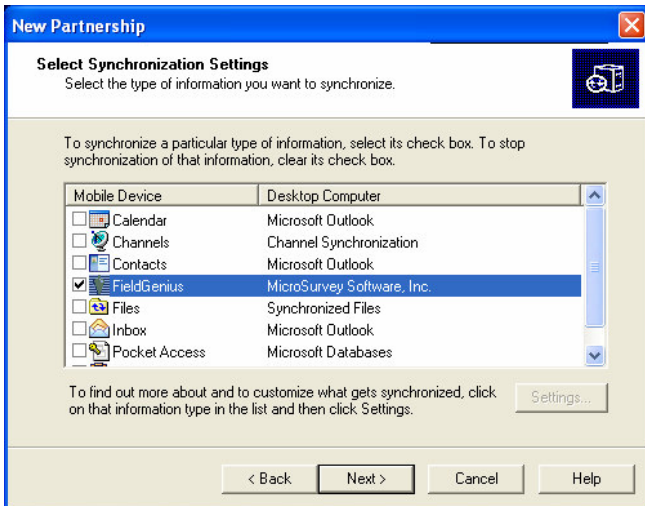
The Tracker will now appear as nothing is happening on it. The previous dialog saying “Connecting to Host”, will be gone. Simply set the Tracker down on your desk and don't touch it for now. Leave the power on and do not disconnect it from the computer.

Back to the computer,
Pick on **Next** to bring up the next dialog.

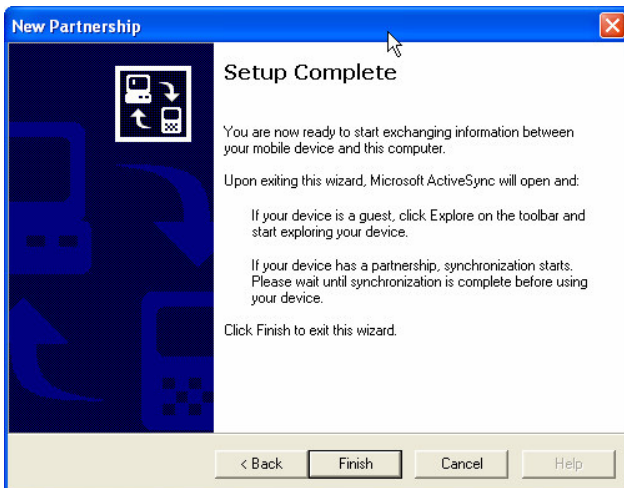


Accept the default and pick on **Next**:

On the next dialog, remove any checkmarks except for the one beside FieldGenius.

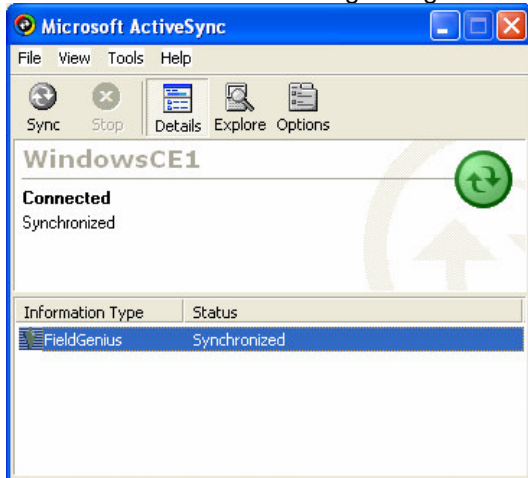


Pick on **Next** to continue:



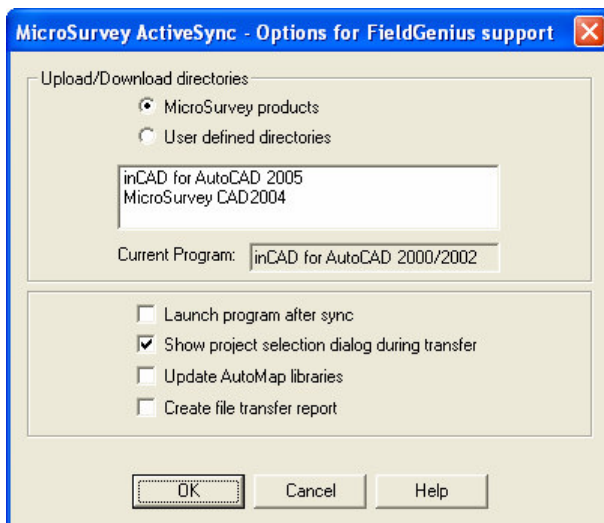
Pick on **Finish** to complete the partnership.

You will now see the following dialog.



This may take a few seconds.

Double click on the word **FieldGenius** and another dialog will come up:



From the top – MicroSurvey Products should be set – unless you do not have one of our desktop programs already on your computer. Then you can pick User Defined Directories – and set them up as desired.

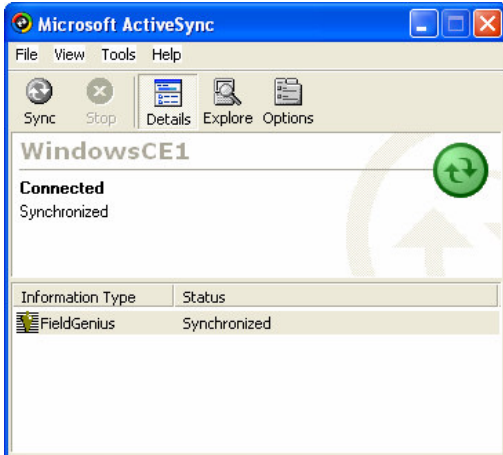
With the MicroSurvey Products selected – in the small white window pick on MicroSurvey CAD 2004. The Current Program will then be updated to show the same.

Set your checkmarks for the last 4 items as shown and pick on **OK** and you will return to the previous dialog.

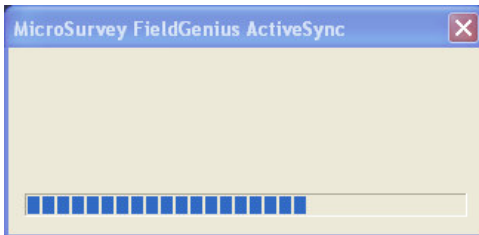
You are now done configuring Active Sync and our add-on, to allow you to connect and download/upload your data.

D) Downloading and Uploading

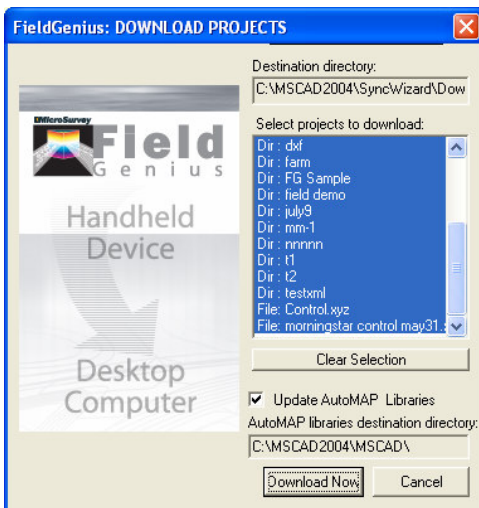
Pick on the Sync button to start the process right now (normally, you would not need to do this step after connecting the Tracker to the computer – but being this is the first time through it is required. Subsequent connections should automatically execute this step for you after the connection has been made).



You will then see a progress bar as the add-on to Active Sync scans the Tracker to see what jobs you have that can be downloaded.



When it has finished scanning, it will then display the following dialog with a complete list of jobs located on your Tracker, for you to choose which ones to download.

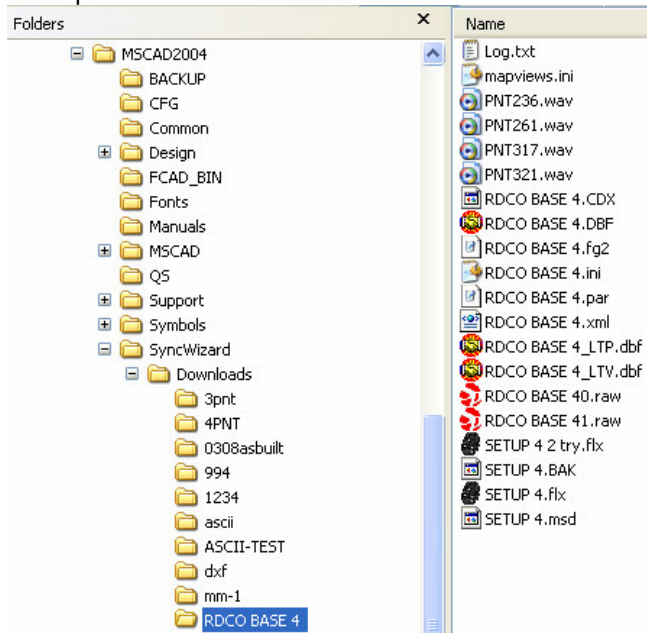


Clear Selection and pick the Job or Jobs, as desired, to download to the computer. The job will remain on the Tracker and a complete copy will be copied to your computer.

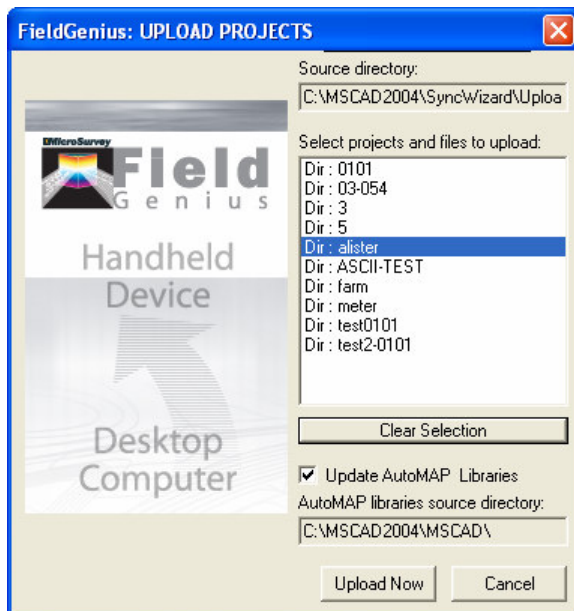
Your Job or Jobs will then be copied to your local hard drive in the following folder:
C:\MSCAD2004\SYNCWIZARD\DOWNLOADS\jobname

Where “jobname” is the name of the job downloaded from the Tracker. All the files for the job will then be copied into this folder.

Example below:

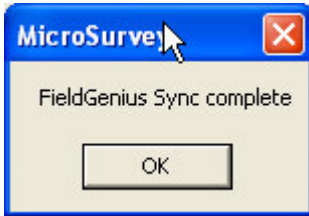


After the download screen has completed – you will see an upload screen. This screen will display all items currently residing in the Uploads directory.



Select any jobs you wish to send to the Tracker, from the list shown. To be on the list, you would have had to export the project to a FieldGenius file on the desktop prior to connecting to the Tracker.

When you have finished uploading any jobs (if you chose any), you will see the following dialog:



Pick on the **OK** button to complete the download/upload procedure which will take you back to the Active Sync main dialog.

You may now disconnect the Tracker from the computer or power down the Tracker, to break the connection.

E) Connecting, the next time

You can now, at any time, reconnect the Tracker to the computer and turn it on. The Active Sync program will fire up automatically as soon as you double click on PC Link on the Tracker. The download screen will then automatically appear and allow you to proceed with the download of your new job(s).