

Transferring Data to and from SurvCE

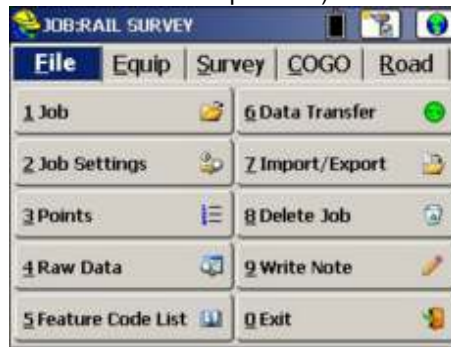
Setting up

The first thing you need to do to transfer data between SurvCE and Carlson Survey is to connect the data collector to the computer using the transfer cable included with the unit. Make sure you are in Carlson Survey on your computer and in SurvCE on your data collector. Before doing anything verify that Microsoft ActiveSync is NOT running as it will prevent SurvCOM from connecting to the port.

Transferring Data

ON THE DATA COLLECTOR:

- 1) In SurvCE go to the FILE menu and select option 6) Data Transfer.



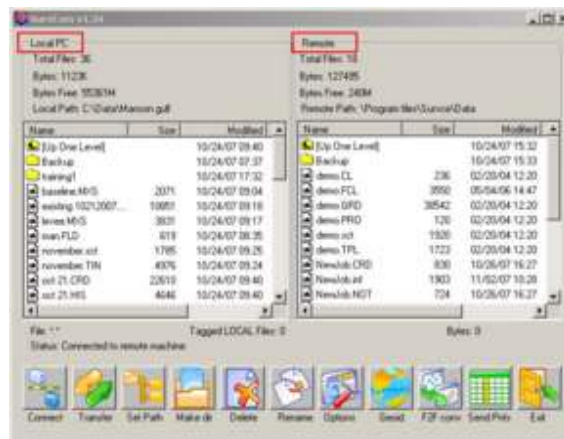
- 2) Select 


ON THE COMPUTER

- 1) From the SURVEY menu, select DATA COLLECTORS

- 2) Select 

This will open SurvCOM which is the transfer program used to communicate between SurvCE and Carlson Survey. If you received Errors before SurvCOM opened please read the sections on ActiveSync and USB Connections.



Verify your directory for your computer as well as your data collector. If you are using an Explorer you will want to make sure you are transferring to SystemCFData. Once you have the directories where they need to be, highlight the file(s) you wish to transfer and click . This will copy the data from the source (highlighted side) to the destination (opposite side). The common files to transfer are the CRD and RW5 files.

SurvCE files

Files used or converted by SurvCE (the typical SurvCE files are highlighted)

- ALI ISPOL Centerline File (Spain)
- ALN TerraModel Road Alignment File
- ALZ Form of CLIP Vertical Alignment File (Spain)
- ASC ASCII text file for point imports or
- Inroads Centerline File
- CL Carlson Horizontal Road Alignment File
- CR5 TDS Binary Coordinate File
- **CRD Carlson coordinate file in binary form.**
- **DAT Carlson Localization File**
- **DXF Drawing file format that can be used for exchanging drawings.**
- EGM Carlson EGM Geoid File
- **FCL Carlson Field Code Library file.**
- FFF Older form of Caice Cross Section File
- FLT Carlson Triangulation Mesh File
- G99 Carlson Geoid99 File
- GRD Carlson Grid File
- GSI Leica file extension for Raw files, Roding files, etc.
- INF Carlson User Preferences Settings File
- LIS Form of IGRDS Cross Section File
- **NOT Carlson Note File**
- OBS Geodimeter Coordinate File
- OSD A form of Geopak Centerline File
- PLT Horizontal Alignment Report file from CLIP
- POS Sokkia or Trimble Coordinate File
- PRO Carlson Vertical Road Alignment File
- RAS ISPOL Vertical Road Alignment File (Spain)
- RD5 TDS Road Alignment File
- RDS IGRDS Cross Section File
- REF Carlson Base Station Reference File
- RLN TerraModel Road Alignment File
- **RW5 Carlson Raw Data File, TDS Raw Data File**
- SC1 ISPOL Cross Section File (Spain)
- SCT Carlson Cross Section File
- SDR Sokkia file extension for Raw Files, Roding files, etc.
- SHP ESRI Shape File
- SUP Carlson Road Superelevation File
- TPL Carlson Road Template File
- XML LandXML File may contain a variety of file types (eg. Roding/DTM)
- XRS Form of Geopak Cross Section File



Active Sync

To tell if ActiveSync is running look in the lower right hand corner of your screen and look for

ActiveSync Connection



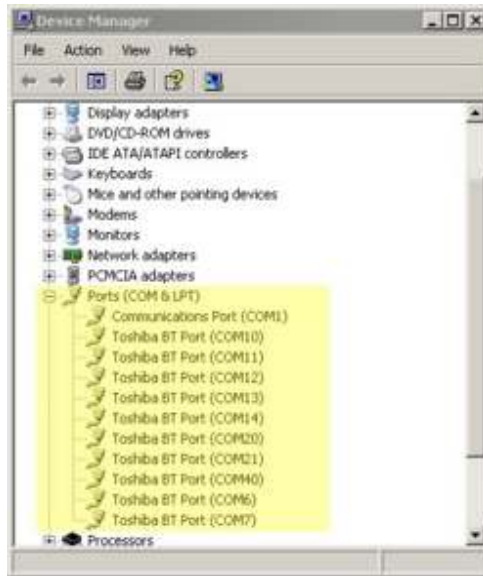
the ActiveSync icon.

While you CAN transfer data using ActiveSync we will be transferring through Carlson Survey and therefore need ActiveSync to NOT be running. To disable ActiveSync, double click on the ActiveSync icon. From the FILE menu, select CONNECTION SETTINGS. Disable USB Connections as well as CONNECTIONS ON ANY PORTS.




USB Connections

SurvCOM will allow you to use USB connections to transfer (this is becoming more popular as fewer and fewer laptops come with serial communication ports) but you need to verify a few things first. The most important thing to check is the port on which your device is connected. One way to get to this is to go to CONTROL PANEL and double click the SYSTEM icon. Under the HARDWARE tab is a button for DEVICE MANAGER. If your device is not listed you may want to check with the manufacturer about any drivers needed.



Once you have identified your port, you can change the port setting in SurvCOM by clicking



on the  and changing the port.

