

2 Installing SurvCE

Introduction

In this section we will outline the procedures for installing Carlson SurvCE to a Windows CE device.

SurvCE is installed via a serial connection to the COM port on a computer and requires that Microsoft ActiveSync software be installed on that computer.

Overview

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2.1.1	Install ActiveSync
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What you need to start

You will need:

- Microsoft ActiveSync software.
- Carlson SurvCE software.
- Windows CE data collector.
- Null Modem cable to connect data collector to computer.

Note: ActiveSync software must be installed on the computer before attempting to install SurvCE to the data collector.

There are several steps required to successfully install SurvCE on the Windows CE. These steps are outlined below:

1. Install Microsoft ActiveSync on the computer that will be used to install SurvCE.
2. Configure ActiveSync and connect to the data collector.
3. Install SurvCE on the data collector.

Note: Steps 1 & 2 are not required if ActiveSync is already installed and configured on the computer.

2.1 Install and Configure ActiveSync

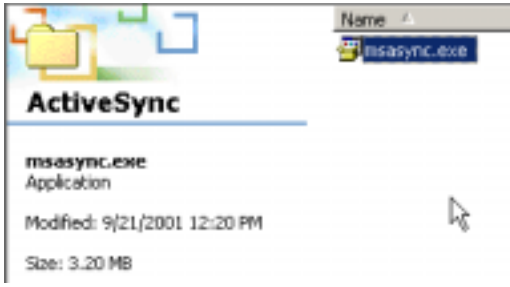

2.1.1 Install ActiveSync

Install
ActiveSync

Microsoft ActiveSync software will be supplied on the CD containing the Carlson SurvCE software.
This software is also available as a free download from the Microsoft web site.

Notes:




1. This manual shows the installation procedures for ActiveSync version 3.0. Procedures may differ for other versions.
2. This example assumes that the executable file "msasync.exe" has been copied to a temporary folder on the computer's hard drive.

Step	Action	Display
1	<p>Double-click the Microsoft ActiveSync executable file "<i>msasync.exe</i>".</p> <p>This will extract and copy files to the computer's hard disk and start the setup wizard.</p> <p>Note: You will see several temporary pop-up screens while files are extracted and copied to the hard disk.</p>	
2	<p>In the "Set Up Microsoft ActiveSync 3.0" screen:</p> <ul style="list-style-type: none"> • Press the Next button to continue the installation. <p>This takes you to the "Microsoft ActiveSync - Select Installation Folder" screen.</p>	

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2.1 Install and Configure ActiveSync, Continued

2.1.1 Install ActiveSync, Continued

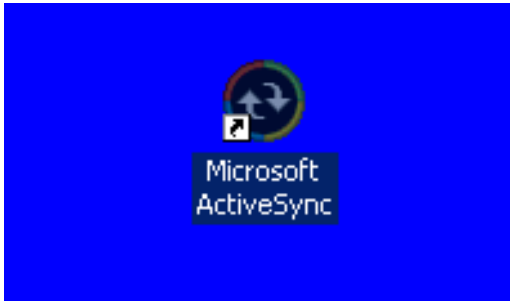


Step	Action	Display
3	<p>In the "Select Installation Folder" screen:</p> <ul style="list-style-type: none"> Press the Next button to accept the default installation folder. <p>Note: You will see a temporary pop-up screen while files are being copied.</p> <p>Once installation is complete, you will be taken to the "Get Connected" screen.</p>	
4	<p>In the "Get Connected" screen:</p> <ul style="list-style-type: none"> Press the Cancel button to exit the software. <p>This will bring up a pop-up screen warning that no connection has been made.</p>	
5	<p>In the pop-up screen:</p> <ul style="list-style-type: none"> Press the OK button to exit the software. 	

End of Install ActiveSync

2.1 Install and Configure ActiveSync, Continued

2.1.2 Connect to Data Collector


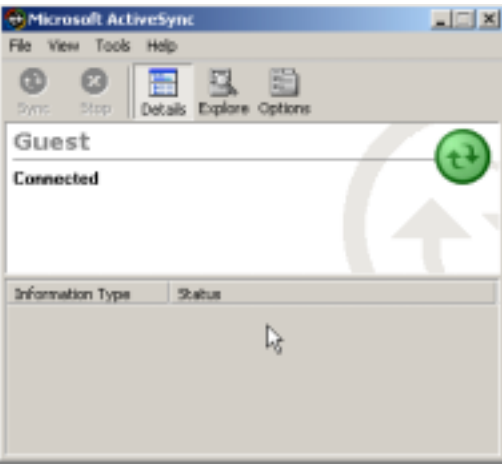
Connect to data collector When first installed, the ActiveSync software requires you to follow the procedures outlined in order to connect the data collector to the computer.

Step	Action	Display
1	<p>Installing ActiveSync will create an icon on the computer desktop, as shown.</p> <ul style="list-style-type: none"> • Double click the icon to start the software. <p>This takes you to the “Get Connected” screen.</p>	
2	<p>In the “Get Connected” screen:</p> <ul style="list-style-type: none"> • Connect the data collector to the computer, as outlined on the screen. • Press the Next button to continue. • On the data collector, answer YES to the prompt: “Connect to Desktop?” 	
3	<p>You will see the “Get Connected-Checking COM Ports” screen while the software searches for a connection.</p> <p>Once connection is established, you will be taken to the “New Partnership” screen.</p> <p>Note: There may be a short delay before the New Partnership screen is displayed.</p>	

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2.1 Install and Configure ActiveSync, Continued

2.1.2 Connect to Data Collector, Continued

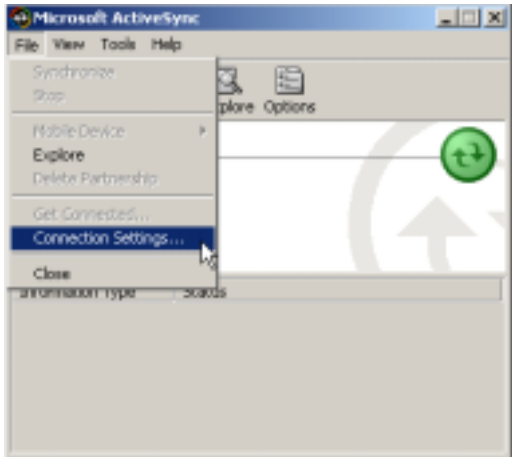
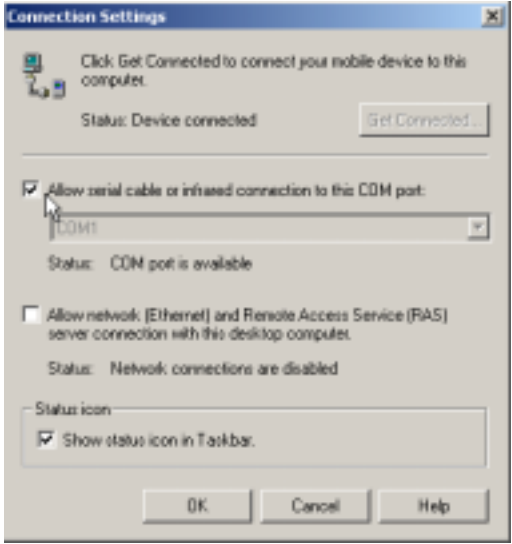
Step	Action	Display
4	<p>In the “New Partnership” screen:</p> <ul style="list-style-type: none"> • Press the NO radio button. <p>We do not wish to synchronize between the computer and the data collector.</p> <ul style="list-style-type: none"> • Press the Next button to proceed with the connection. 	
5	<p>Once connected you will see the screen at right.</p>	

End of Connect to Data Collector

2.1 Install and Configure ActiveSync, Continued

2.1.3 Configure ActiveSync

Configure ActiveSync This section demonstrates the steps required to enable/disable the serial port connection in ActiveSync.

1	<p>This menu selection is available from the main ActiveSync menu, as shown in Step 5 on the previous page.</p> <p>From the main ActiveSync screen:</p> <ul style="list-style-type: none">• Choose the File tab from the menu bar. <p>This brings up a context menu.</p> <ul style="list-style-type: none">• Select the Connection Settings option. <p>This takes you to the “Connection Settings” screen.</p>	
2	<p>In the “Connection Settings” screen:</p> <ul style="list-style-type: none">• Select the computer COM port.• Check the box to “Allow serial cable or infrared connection to this COM port:”• Press the OK button to accept these parameters. <p>Note: Clearing the check box will disable the serial connection. This is required to avoid interference from ActiveSync when you attempt to connect other equipment to the COM port.</p>	

Note: ActiveSync will actively monitor the COM port for a connection and may interfere with other devices that do not require this software. You may wish to enable ActiveSync only when required.

End of 2.1 Install and Configure ActiveSync

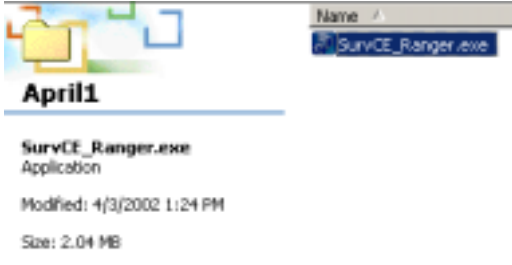

2.2 Install Carlson SurvCE

2.2.1 Install on the Ranger

Install on the Ranger

Installation of the SurvCE software requires that ActiveSync be running. The data collector must be connected to the computer via a serial cable.



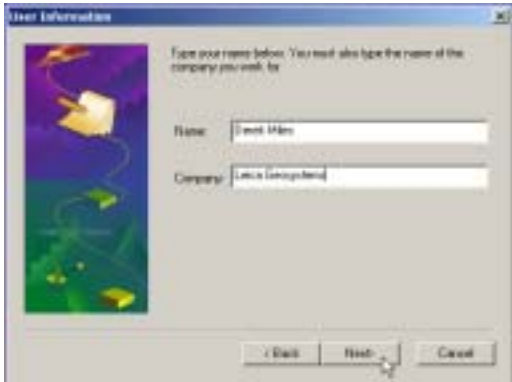
Note: This example shows the steps and files used to install SurvCE on a Ranger-Windows CE device.

Step	Action	Display
1	<p>From the computer used to install Carlson SurvCE:</p> <ul style="list-style-type: none"> • Double-click the SurvCE application file "<i>SurvCE_Ranger.exe</i>". <p>This will start the installation wizard.</p>	
2	<p>In the "SurvCE for Ranger – InstallShield Wizard" screen:</p> <ul style="list-style-type: none"> • Enter the password. • Press the Next button. <p>This takes you to the "Welcome" screen.</p>	

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2.2 Install Carlson SurvCE, Continued

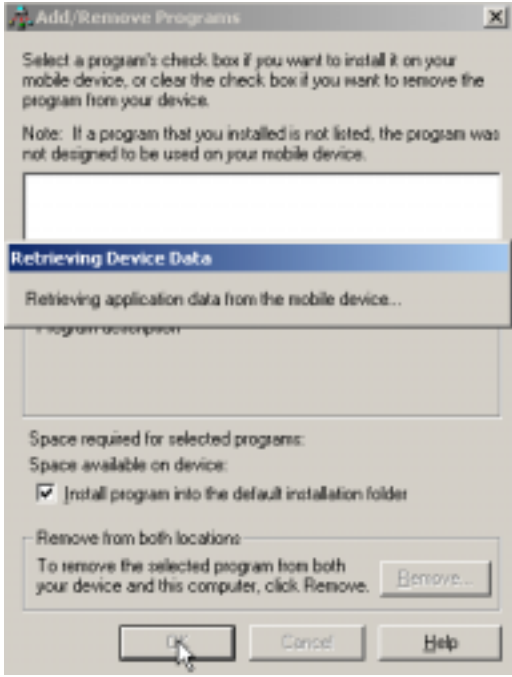

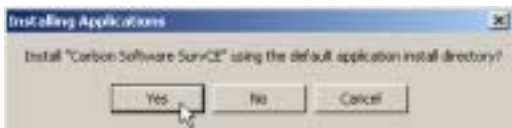
2.2.1 Install on the Ranger, Continued

Step	Action	Display
3	<p>In the “Welcome” screen:</p> <ul style="list-style-type: none"> Press the Next button to continue with the installation. <p>This takes you to the “Software License Agreement” screen.</p> <p>Note: We suggest that you follow the recommendations to close any additional programs that may be running.</p>	
4	<p>In the “Software License Agreement” screen:</p> <ul style="list-style-type: none"> Press the Yes button to accept the terms of the agreement. <p>This takes you to the “User Information” screen.</p>	
5	<p>In the “User Information” screen:</p> <ul style="list-style-type: none"> Enter the required information. Press the Next button. <p>This takes you to the “Add/Remove Programs” screen.</p>	

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2.2 Install Carlson SurvCE, Continued



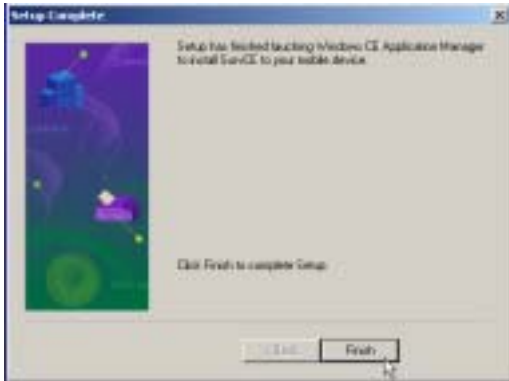
2.2.1 Install on the Ranger, Continued

Step	Action	Display
6	<p>In the “Add/Remove Programs” screen:</p> <ul style="list-style-type: none"> Ensure that the “Install program into default installation folder” box is checked. <p>You will automatically be taken to the next screen.</p>	
7	<p>The “Application Already Installed” screen will only appear if a version of SurvCE already exists on the Ranger.</p> <ul style="list-style-type: none"> Press the Yes button to proceed with the re-install. <p>This takes you to the “Installing Applications” screen.</p>	
8	<p>In the “Installing Applications” screen:</p> <ul style="list-style-type: none"> Press the Yes button to use the default installation directory on the Ranger. 	

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2.2 Install Carlson SurvCE, Continued

2.2.1 Install on the Ranger, Continued

Step	Action	Display
9	<p>In the "Installing Applications" screen:</p> <ul style="list-style-type: none"> • Wait while the software is installed on the Ranger. <p>When installation is complete, you will be taken to the "Application Downloading Complete" screen.</p>	
10	<p>On the Ranger Data Collector:</p> <ul style="list-style-type: none"> • Answer Yes to the prompts regarding installing the software. <p>In the "Application Downloading Complete" screen:</p> <ul style="list-style-type: none"> • Press the OK button. <p>This takes you to the "Setup Complete" screen.</p>	
11	<p>In the "Setup Complete" screen:</p> <ul style="list-style-type: none"> • Press the Finish button to close the installation wizard. 	

Activation Key for SurvCE

If this is the first installation of SurvCE on this particular data collector, you must obtain an activation key.

Please go to www.Leica-SurvCE.com to register for your activation key.

After registering, you'll receive your activation key via email.

End of Install Carlson SurvCE