



Connect Tech Inc.
Industrial Strength Communications

Windows CE 5.0

Install Guide

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1 Getting Started

1.1 Introduction

Welcome to the Windows CE 5.0 Installation Guide.

This installation guide is intended for users who are familiar with the Windows CE Platform Builder 5.0 Toolkit and would like to install one or more Connect Tech products.

1.2 Supported Products

As of the date of this writing, the following Connect Tech products are supported in Windows CE 5.0:

- BlueStorm/Express
- BlueStorm/LP
- Xtreme/104-Plus

1.3 Obtaining Driver Files

For driver updates, manuals, and installation guides please check the Connect Tech Download Zone at <http://www.connecttech.com/asp/Support/DownloadZone.asp>.

1.4 Contacting Technical Support

If you require assistance please check the Connect Tech product manuals, specification sheets, or Knowledge Database (KDB) at <http://www.connecttech.com/sub/Support/Support.asp>.

If you have any further questions please contact the Technical Support department by email at support@connecttech.com.

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2 Setting Up The Platform

2.1 Installing Driver Files

Obtain a copy of the Connect Tech Windows CE 5.0 driver package and extract it to your computer. Double-click on `ctice500.msi` to install the driver files and import the supported Connect Tech products into the **Catalog**.

2.2 Including Drivers

To include any of the drivers installed in section 2.1 you must include them in your **OS Design**:

- a) Open your workspace in Platform Builder
- b) In the **Catalog** (View->Catalog), browse to `\Third Party\Device Drivers\CTI Multi-port Serial Adapters`
- c) Right-click on the driver you wish to include and choose Add to OS Design.
- d) Repeat steps a) through c) to include more than one of the installed drivers.

2.3 Configuring Devices

After including one or more Connect Tech drivers into your **OS Design**, a new project is automatically added to your workspace. The project name is **ctice500** and it can be accessed from the FileView (View->File View).

The **ctice500** project contains a number of files used to configure the drivers included in your **OS Design**. Some files of interest are listed below:

<code>ctice500.bib</code>	This binary image builder file is used to include the driver DLL files into your Windows CE image. This file is installed into the <code>%WINCEROOT%\Platform\Cti\Drivers</code> directory.
<code>ctice500.reg</code>	This registry file is used to include the driver/device configuration information into your CE image's registry. This file is installed into the <code>%WINCEROOT%\Platform\Cti\Drivers</code> directory.
<code>postlink.bat</code>	This batch file is responsible for copying the driver files into your <code>_FLATRELEASEDIR</code> directory. It is executed after the link stage of the build process. This file is installed into the <code>%WINCEROOT%\Platform\Cti\Drivers</code> directory.

Note:
Modifications to any of the installed driver files are applied to all OS Designs that utilize the drivers.

2.3.1 ctice500.bib

The supplied binary image builder file should be sufficient and should not need any modification.

2.3.2 ctice500.reg

The supplied registry file is configured to support Plug and Play based drivers that are included in your **OS Design** and also contain templates for supported non Plug and Play drivers.

For non Plug and Play devices, it is recommended you copy the templates into a different registry file for customization. This is recommended because any modifications made to `ctice500.reg` are applied to all **OS Designs** using the Connect Tech drivers. An example location for storing



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customized registry information is `project.reg`. At the time of this writing, there are no non Plug and Play devices supported by the driver package.

2.3.3 postlink.bat

The supplied binary image builder file should be sufficient and should not need any modification.



3 Known Issues

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