



## Configuring A Laptop to Use ArcPad and an AmbiCom External GPS Unit

### Summary

This SOP explains how to configure a laptop running ArcPad to use an AmbiCom external Geographic Positioning System (GPS) unit.

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### Introduction

ArcPad is a spatial data collection software that may be configured to operate with an AmbiCom external GPS unit. This SOP explains how to configure a PC running ArcPad to use the AmbiCom external GPS unit.



### System Requirements

- A computer running Windows 2000 or XP, with one USB port
- ESRI ArcPad 7.0 or above.
- AmbiCom External GPS Unit and Driver

### Installing the AmbiCom External GPS Unit Driver

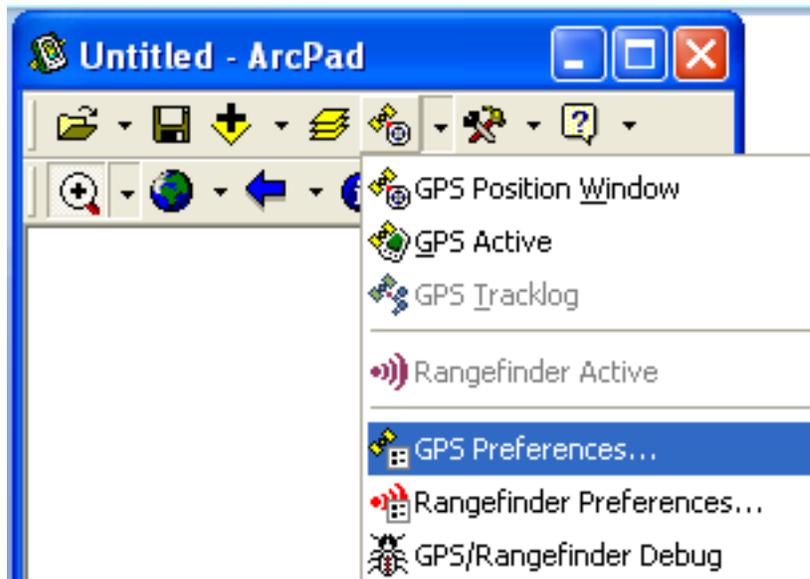
**Note:** Do not plug the GPS unit into the computer until after the driver is installed. If the AmbiCom GPS unit driver has not previously been installed, install it. The driver is provided as a installer package with instructions. Plug the GPS unit into an available USB port. The computer will recognize it and search for the newly installed driver. The

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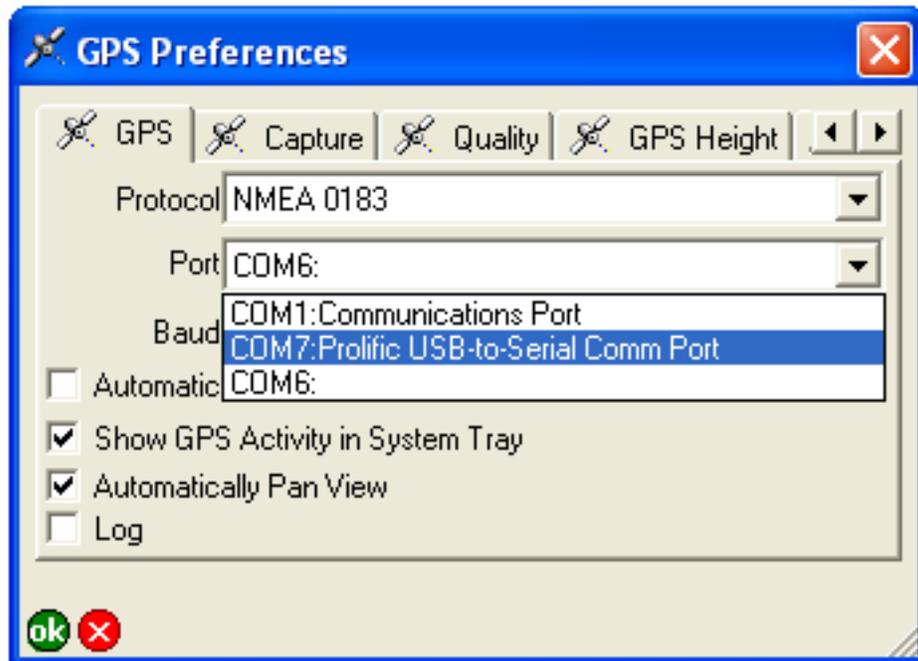
computer may warn you that the driver has not undergone Microsoft Logo Testing. Continue anyway. Test the driver installation by proceeding to the next step

### Configuring ArcPad to use the GPS Unit

1. Ensure the GPS driver has been installed (see above)
2. Test the installation as follows:
  - a. Open ArcPad
  - b. Select 'GPS Preferences'



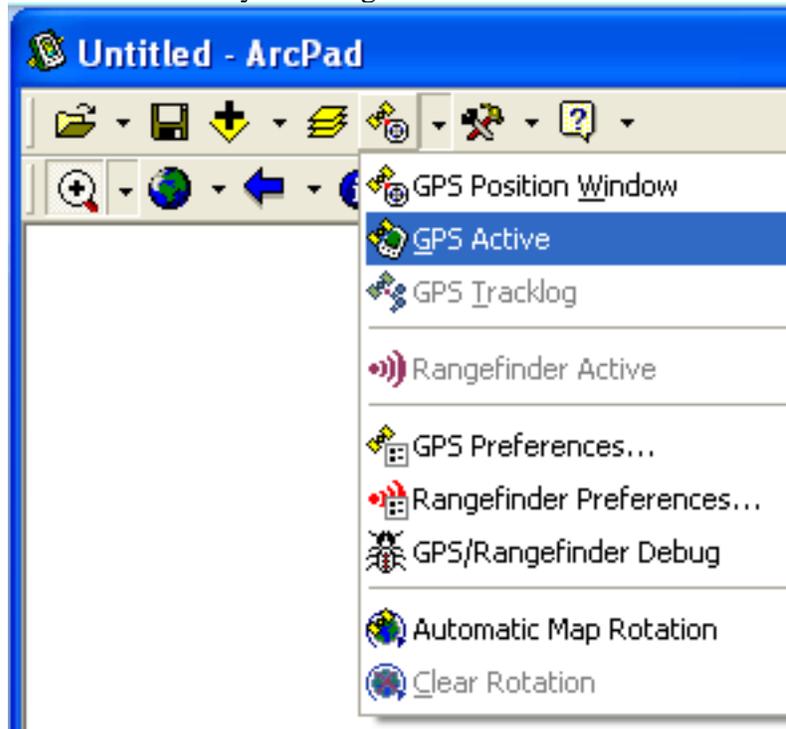
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- c. Select 'Prolific USB to Serial Comm Port'



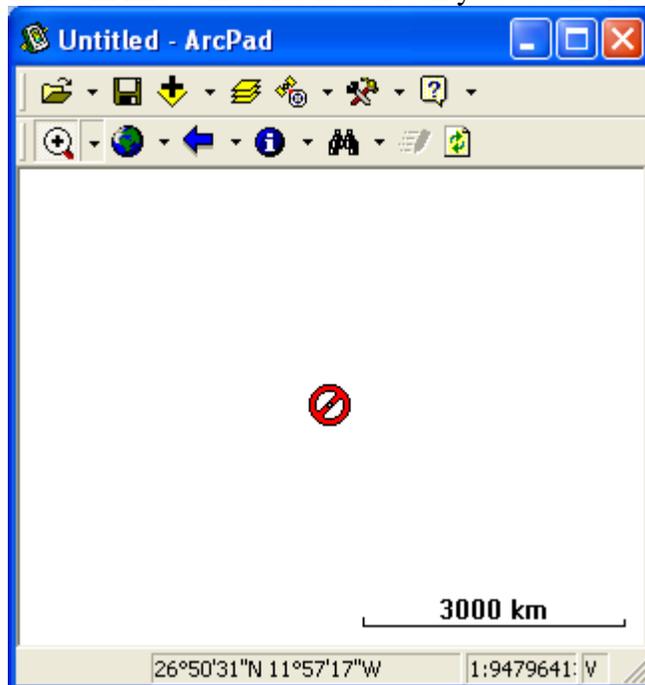
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3. Your computer is now configured to use the external GPS unit.

## Activating the GPS Unit

Activate the unit by selecting 'Activate GPS' from the GPS Menu.



You will know the GPS is active if you see the red circly-thing on your screen:



## About This Standard Operating Procedure

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**Author(s):** Scott D. Miller, Data Manager, Arctic Network Inventory & Monitoring Program.

**Abstract:** This SOP explains how to configure a laptop running ArcPad to use an AmbiCom external Geographic Positioning System (GPS) unit.

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## Revision History

Version	Version Date	Revised By	Changes
1.0	2009-05-07	S. Miller	Original

This table reflects changes to this document. Version numbers will be incremented by one (e.g., Version 1.3 to Version 2.0) each time there is a significant change in the process and/or changes are made that affect the interpretation of the data. Version numbers will be incremented after the decimal (e.g., Version 1.6 to Version 1.7...1.10....1.21) when there are changes to grammar, spelling, or formatting, or minor modifications in the process that do not affect the interpretation of data.