

USER'S MANUAL



CBS Remote Access Utility

Important Information

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Table of Contents

Chapter 1	Introduction	1
	Overview.....	1
	CBS Remote Access Utility Software Requirements.....	1
	Computer Requirements	1
	Remote System Requirements	1
Chapter 2	CBS Remote Access Utility	1
	Overview.....	1
	Accessing Steering System Remotely.....	1

Introduction

Overview

This User's Manual provides instructions on how to use the *CBS Remote Access Utility* program.

The *CBS Remote Access Utility* program is a complement to the CBS web site for remotely accessing Novariant based Steering Systems (ex.: ParaDyme, GeoSteer, etc.). Under normal circumstances the **Pass Code** for accessing one of these systems is provided by the CBS web site. However the **Pass Code** is based on an accurate date and time measurement that must be the same for both the web server and the remote system. Since Novariant based Steering Systems get their date and time from the GPS constellations, they require a GPS fix to get the data and time.

If the remote system is having trouble getting a GPS fix (ex.: bad GPS antenna, bad GPS cable connection, bad GPS circuit board, etc.) a support person will not be able to log on to it remotely using the **Pass Code** generated by the web site because the date and time fixes will not match. The *CBS Remote Access Utility* program allows the generation of a temporary **Pass Code** that is generated based on the **Serial Number** and **Access Request Key** provided by the remote system upon a failed log on request. A user can use the *CBS Remote Access Utility* program to access Novariant-based Steering Systems in CBS if the remote system cannot get a accurate date and time.

CBS Remote Access Utility Software Requirements

The *CBS Remote Access Utility* program requires certain computer and remote system software to be met. This section provides the minimum requirements that need to be met.

Computer Requirements

The *CBS Remote Access Utility* software will run on a PC running one of the following the Windows operating systems:

- Windows 7
- Windows Vista
- Windows XP

Remote System Requirements

Note: The remote Steering Systems requires a minimum software version installed in order for it to provide the **Access Request Key**. Verify the remote system meets these minimum software versions before attempting to use this tool.

Refer to *Table 1-1* to determine what the minimum software requirements are for the Steering System. If the Steering System does not have the minimum version, it will need to be upgraded prior to using the *CBS Remote Access Utility* program.

Table 1-1 Minimum Software Required on Remote Systems

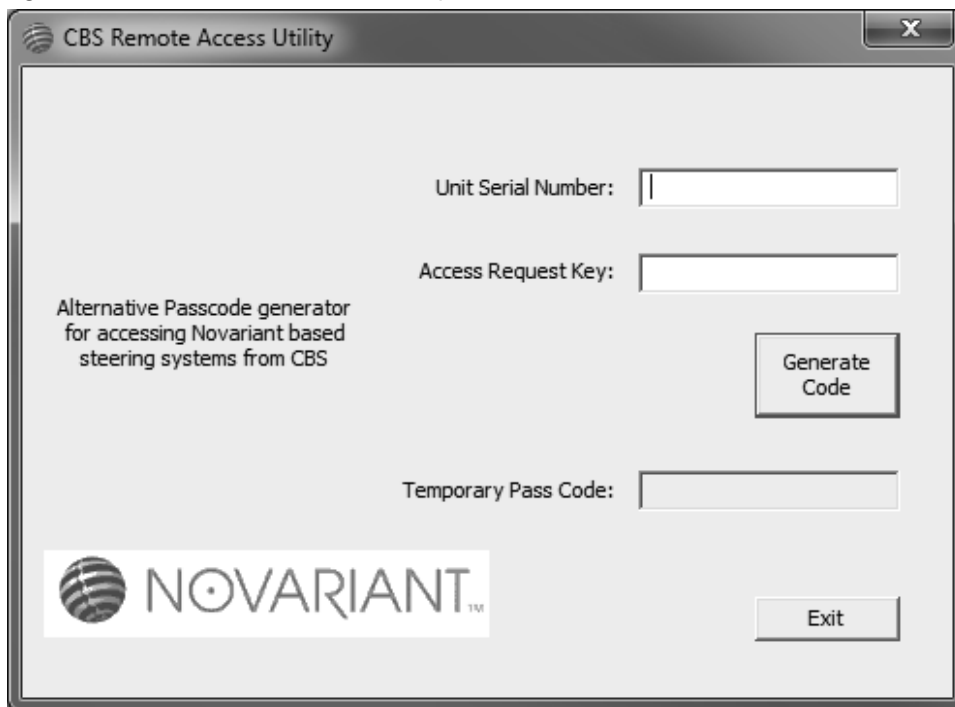
Steering System	Minimum Software Version Required
ParaDyme	v3.0.25494
GeoSteer	v1.2.25298

CBS Remote Access Utility

Overview

The *CBS Remote Access Utility* program is a stand alone program that will run on your computer. It is accessed by navigating to *Start --> Programs --> Novariant --> CBS Remote Access Utility* or selecting the link on your desktop. When the program is started it will take you to the home screen.

Figure 2-1 CBS Remote Access Utility Home Screen

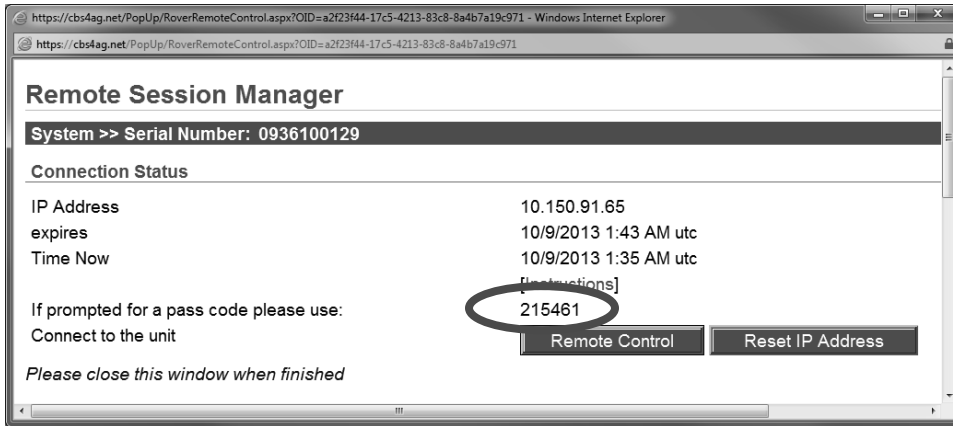


Accessing Steering System Remotely

This tool is used to access a Steering System remotely if the **Pass Code** provided by the CBS web site does not work. The **Pass Code** could fail if the Steering System is having a problem obtaining a GPS signal or too long of a time from when the **Pass Code** was generated to when it was used passed. Follow the procedure below to get the information required to generate a **Pass Code** with the *CBS Remote Access Utility* program.

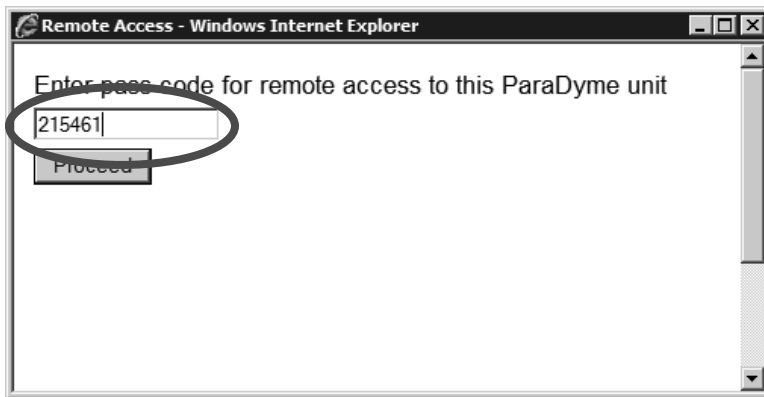
1. Attempt to access the Steering System remotely normally through the CBS web site. At the log in screen. The **Pass Code** is provided at the standard *Remote Session Managers* window shown in *Figure 2-2*.

Figure 2-2 Normal Pass Code Provided in Remote Session Manager Window



2. Enter the code provided in the *Remote Session Manager* window into the *Remote Access* window as you would normally do to access the system.

Figure 2-3 Enter Pass Code into Remote Access Window



3. If the **Pass Code** is invalid or does not work, the system will display a screen telling you of the failure (providing that the Steering System meets the minimum software requirements. The screen that is displayed will be different depending on which version of software that is loaded on the Steering System.

Figure 2-4 Bad Pass Code, ParaDyme Software Prior to 3.2.xxxxx and GeoSteer Software Prior to 1.8.xxxxx

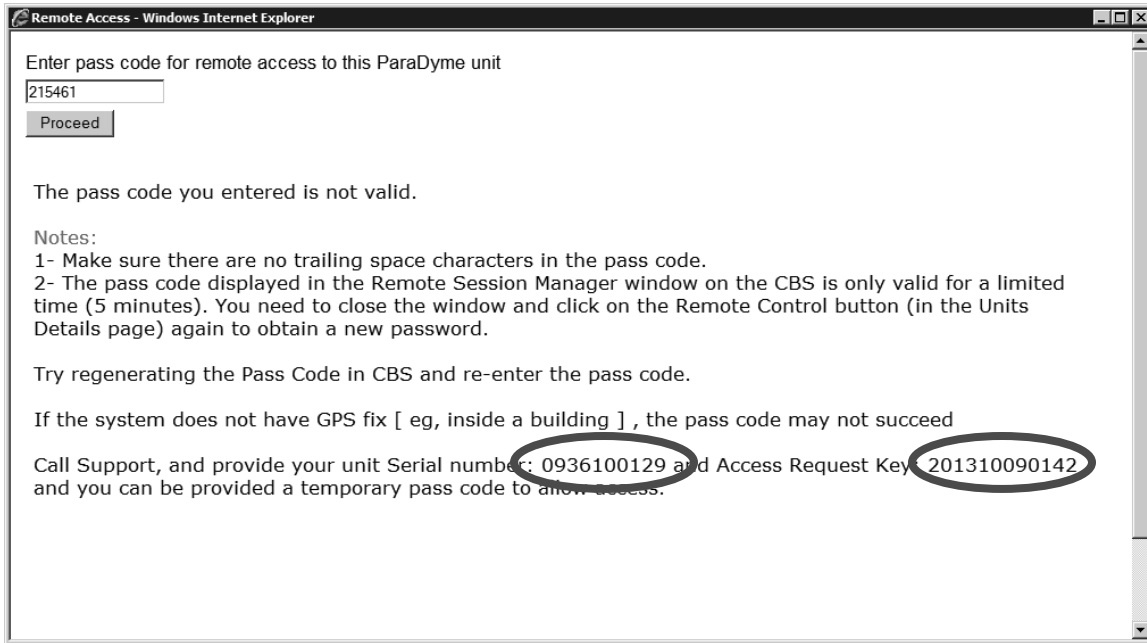
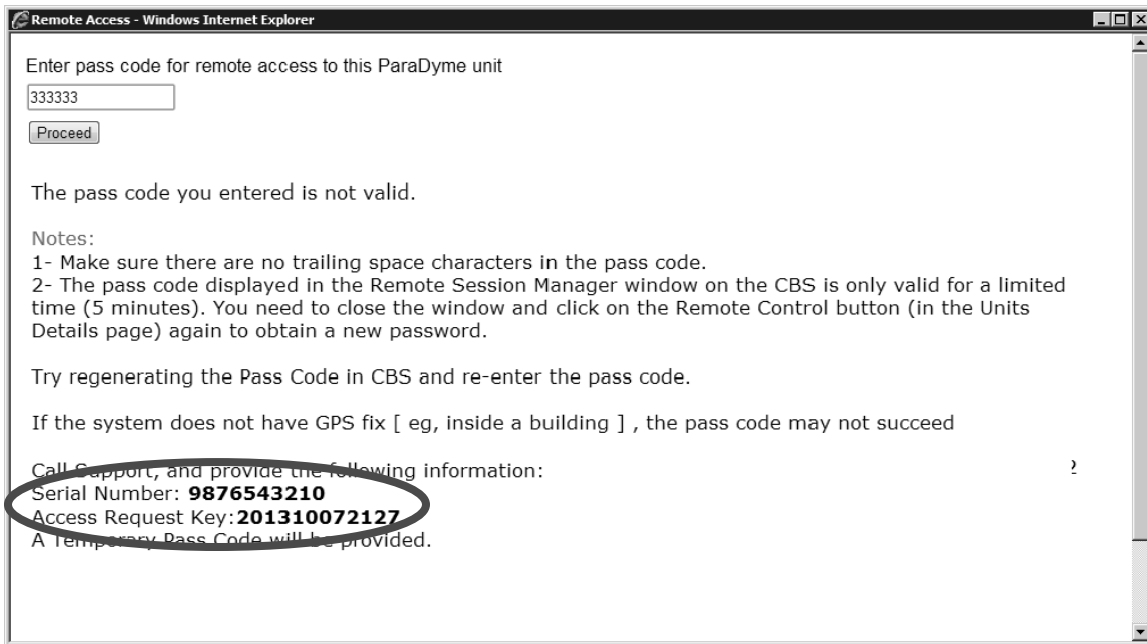


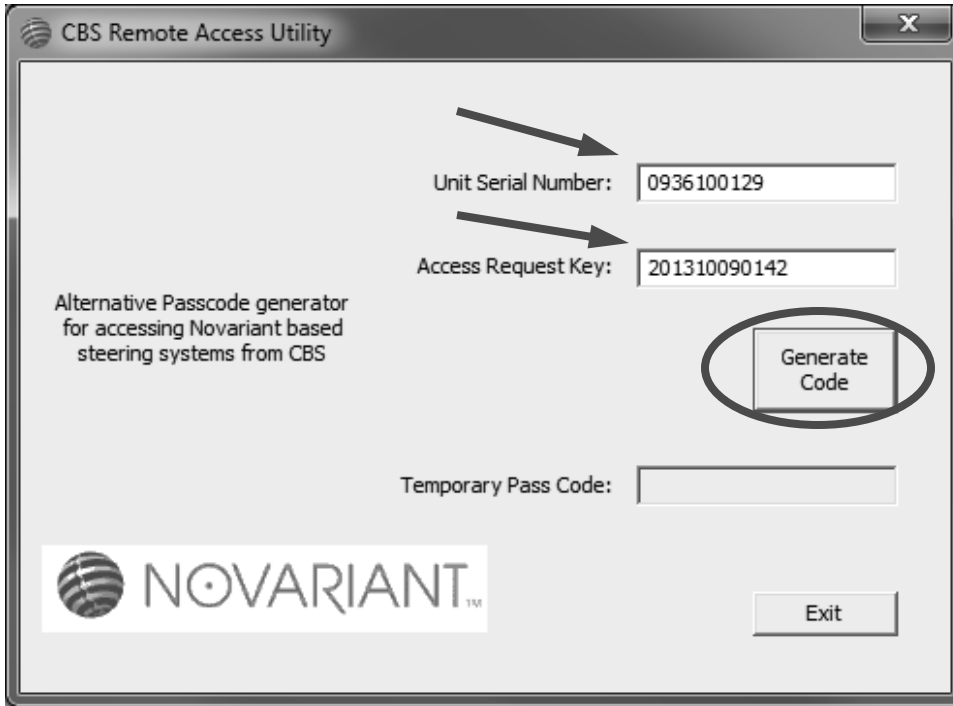
Figure 2-5 Bad Pass Code, ParaDyme Software 3.2.xxxxx and GeoSteer Software 1.8.xxxxx and Later



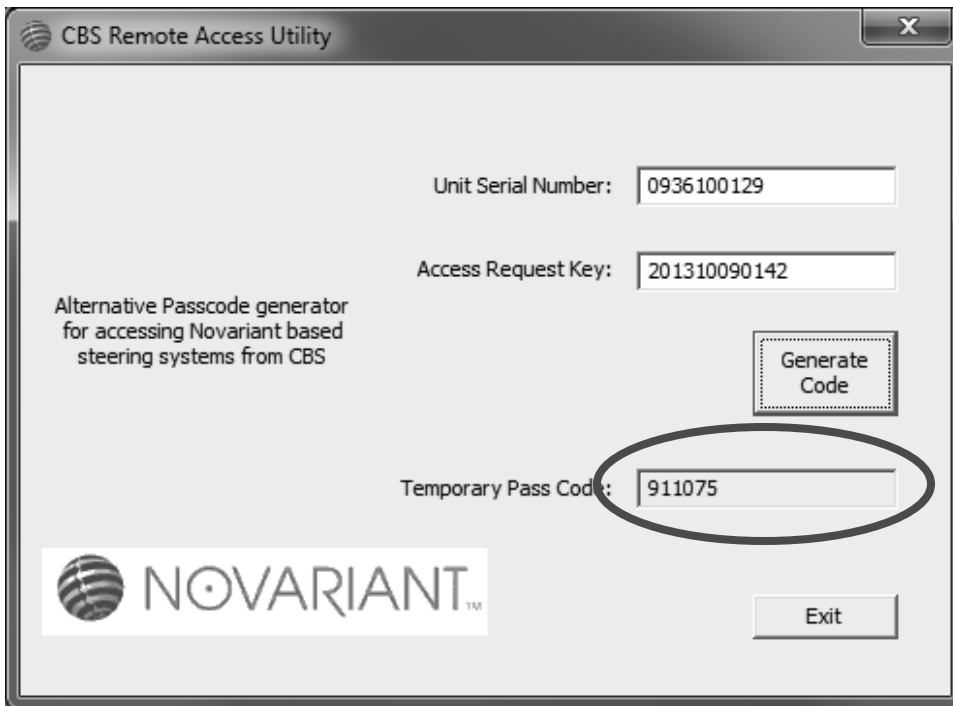
4. The failure screen will provide the two numbers that are required for the *CBS Remote Access Utility* software. They are the **Serial Number** and the **Access Request Key** shown in *Figure 2-4* or *Figure 2-5*.

5. Enter the two values into the appropriate boxes in the *CBS Remote Access Utility* program.
6. Press the **Generate Code** button.

Figure 2-6 Enter Information in Program

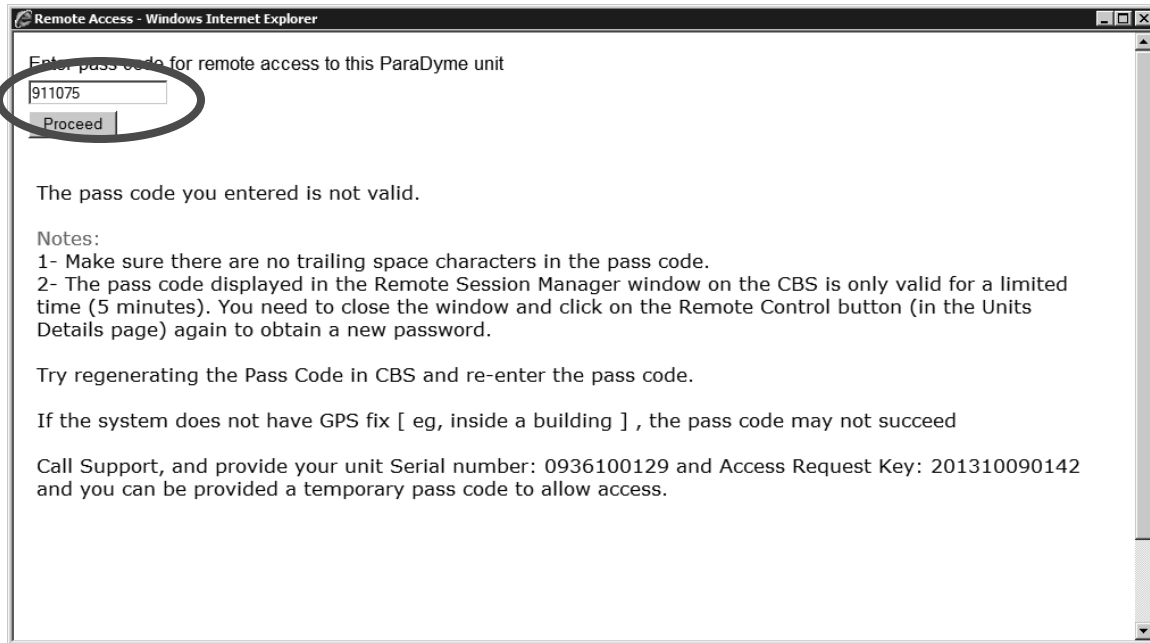


7. The *CBS Remote Access Utility* will then generate a **Temporary Pass Code**.



8. Take the **Temporary Pass Code** generated and type into the *Remote Access* windows.

Figure 2-7 Temporary Pass Code Entered into Remote Access Window



The **Temporary Pass Code** should allow you access to the remote Steering System through the CBS web site. If the **Pass Code** should fail, verify that it was entered correctly and no more than 1 minute has elapsed since the code was generated and entered into CBS. Try generating a new **Temporary Pass Code** again with the updated information from the *Remote Access* screen (The **Access Request Key** will change every time the code fails).