PlbWebCli Android Quick Start 10.0A

Date: 02 Apr 2018   Version: 10.0A

This document describes the steps to configure the Sunbelt Android PL/B Web Client App (i.e. 'plbwebcli') which can be downloaded from the Google 'Play Store'. The Sunbelt 'plbwebcli' App can be used to access PL/B Web Servers to run PL/B programs.

Steps to install Sunbelt 'plbwebcli' App on Android Devices

1. Login to the Android 'Play Store' using your 'gmail' account.

    i. Download and install the Sunbelt 'plbwebcli' APP.

    ii. Open the newly installed 'PlbWebCli' App.

  a. When using the 'PlbWebCli' APP, the following button descriptions should be noted for operations:

    i. 'New' app configuration represented by 'plus' icon:

    ii. 'Back' to previous screen represented by loop back icon:

    iii. 'Add' or 'Update' app configuration represented by 'check' icon:

    iv. 'Modify' or 'Edit' app configuration represented by 'pencil' icon:

    v. 'Delete' app configuration settings represented by 'X' icon:
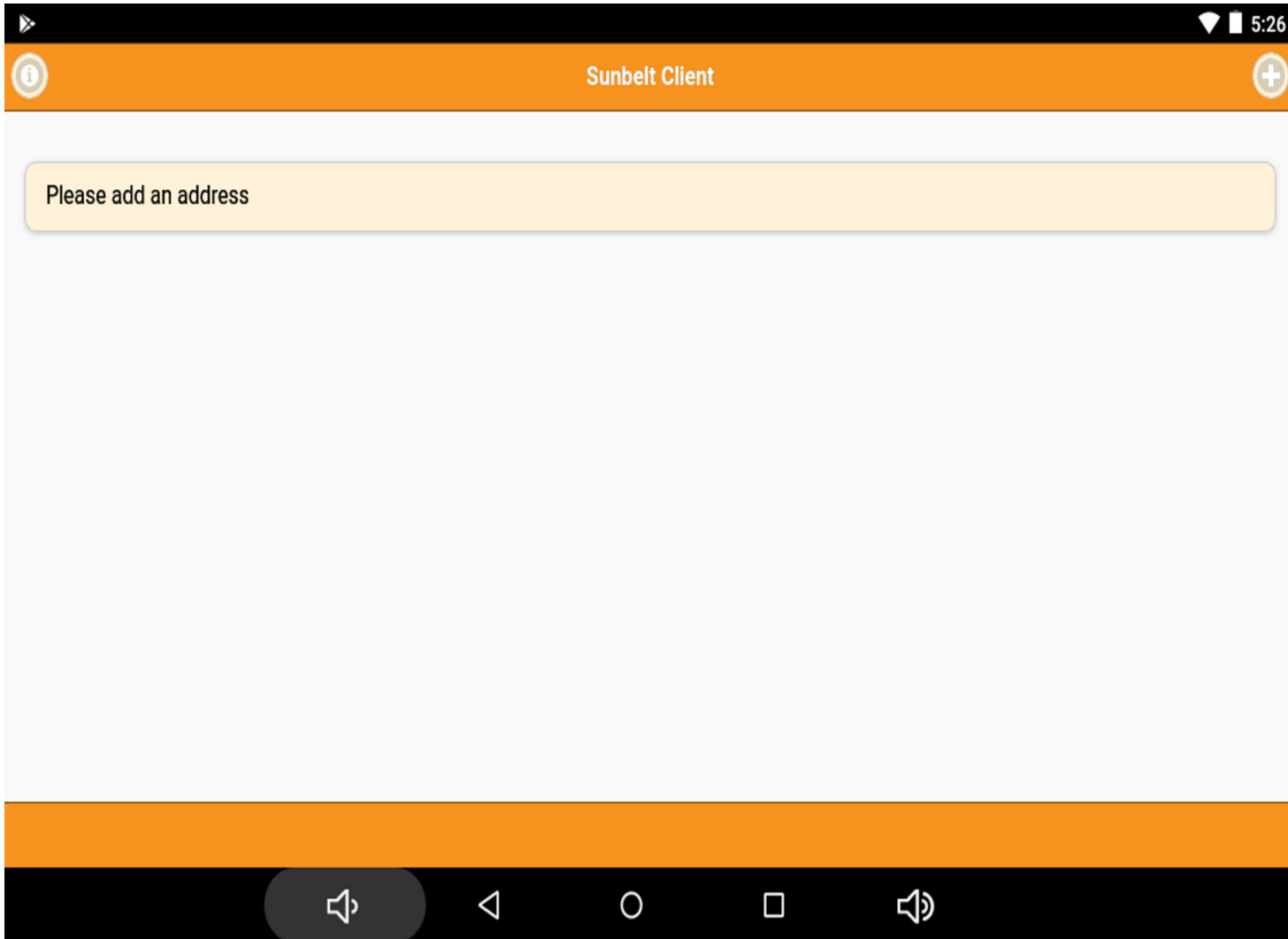

    vi. 'Camera' to load configuration using QR Code.

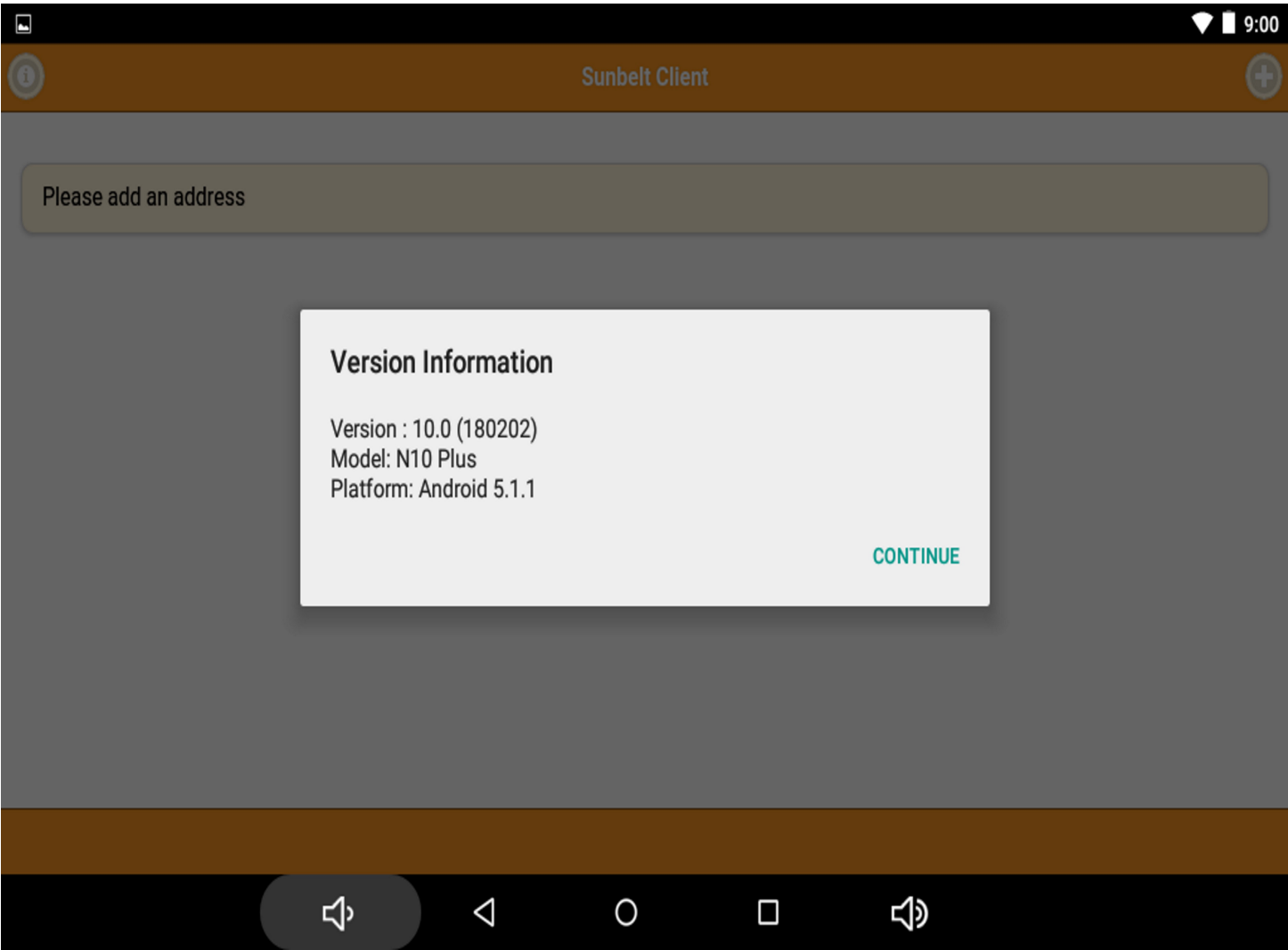   vii. 'Info' represented by 'i' icon shows an information alert window.

1. On the initial invocation of the PlbWebCli Application the main screen will be displayed as follows:

The main screen allows the user to select an existing program or add the information required to run new programs.

If the Info 'i' command button in the upper left corner is selected, the following screen is shown where an information alert window appears:

If the New 'plus' command button in the upper right corner is selected the following screen is shown where the new configuration parameters are entered:

The user can edit and modify the required fields to allow access\logon to a PL/B Web Server using the 'plbwebcli' app. Optionally, the Android device camera can be used to scan a QR Code to pre-populate the fields which then can be modified before saving the configuration.

Name:	(Required)

The device user enters a descriptive name that is set as the title to the first available program start button found on the first screen.

Url:	(Required)

The device user enters the web address of the PWS server where the 'plbwebcli' logs on to for executing the PLB program.

Program:	(Required)

The device user enters the PLB program file name that is to be loaded and executed at the PWS server.

Customer Id:	(Required)

 The device user enters the valid PLB Web Server customer serial number that is being accessed at the URL setting. For Example: 'Nxxxxxx' found on 'plbwebsrv.exe' header.

Options:	(Optional)

The device user can enter the fields that may exist past an existing '?' found in a normal URL command line sequence.

For Example:

cmdline=something

cmdline=something&runopt=-mg100000

runopt=-mg100000

field1=mydata&field2=123456&field3=more

Sample QR Codes are as follows:
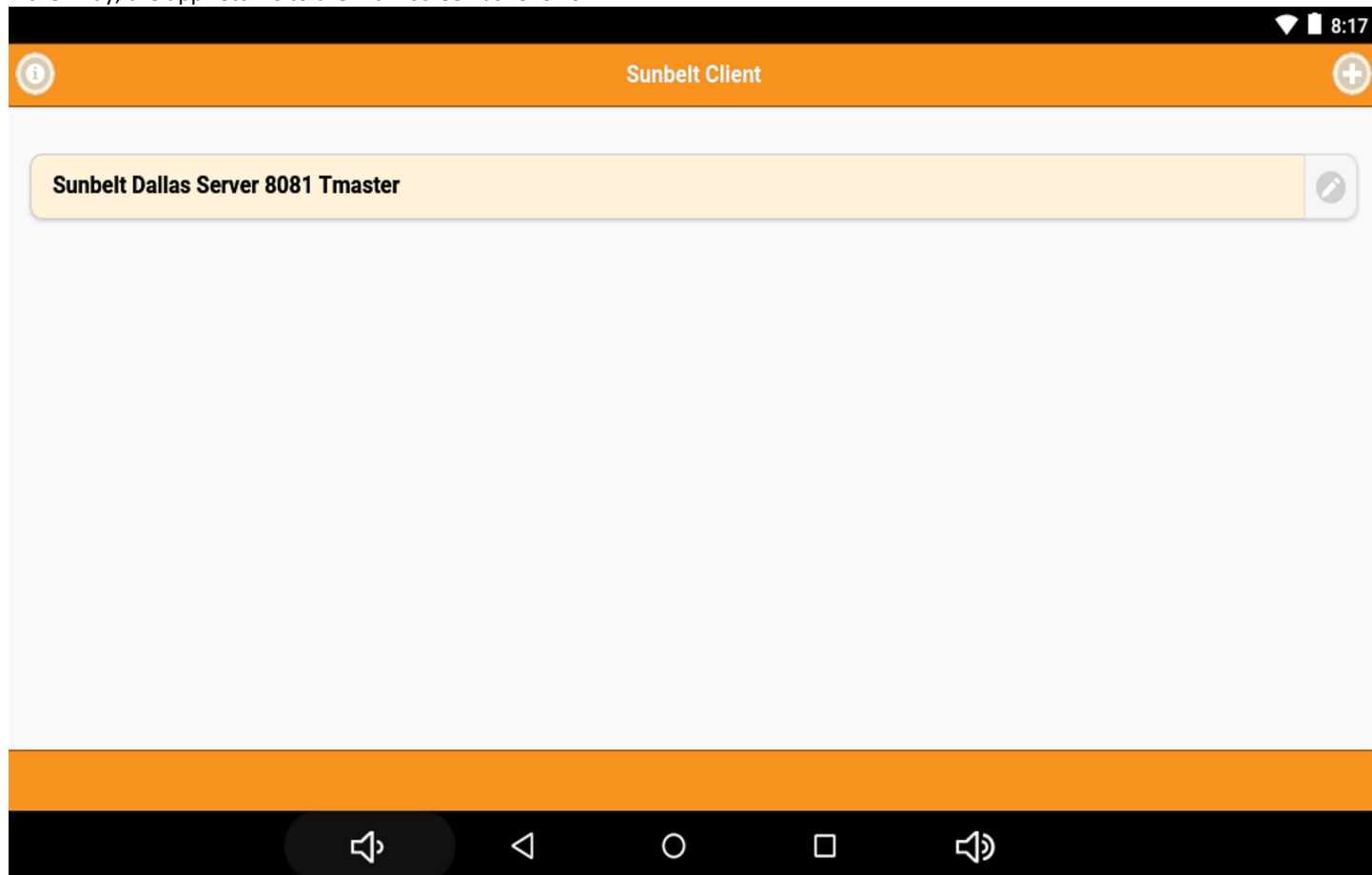
Sunbelt Dallas Server Tmaster
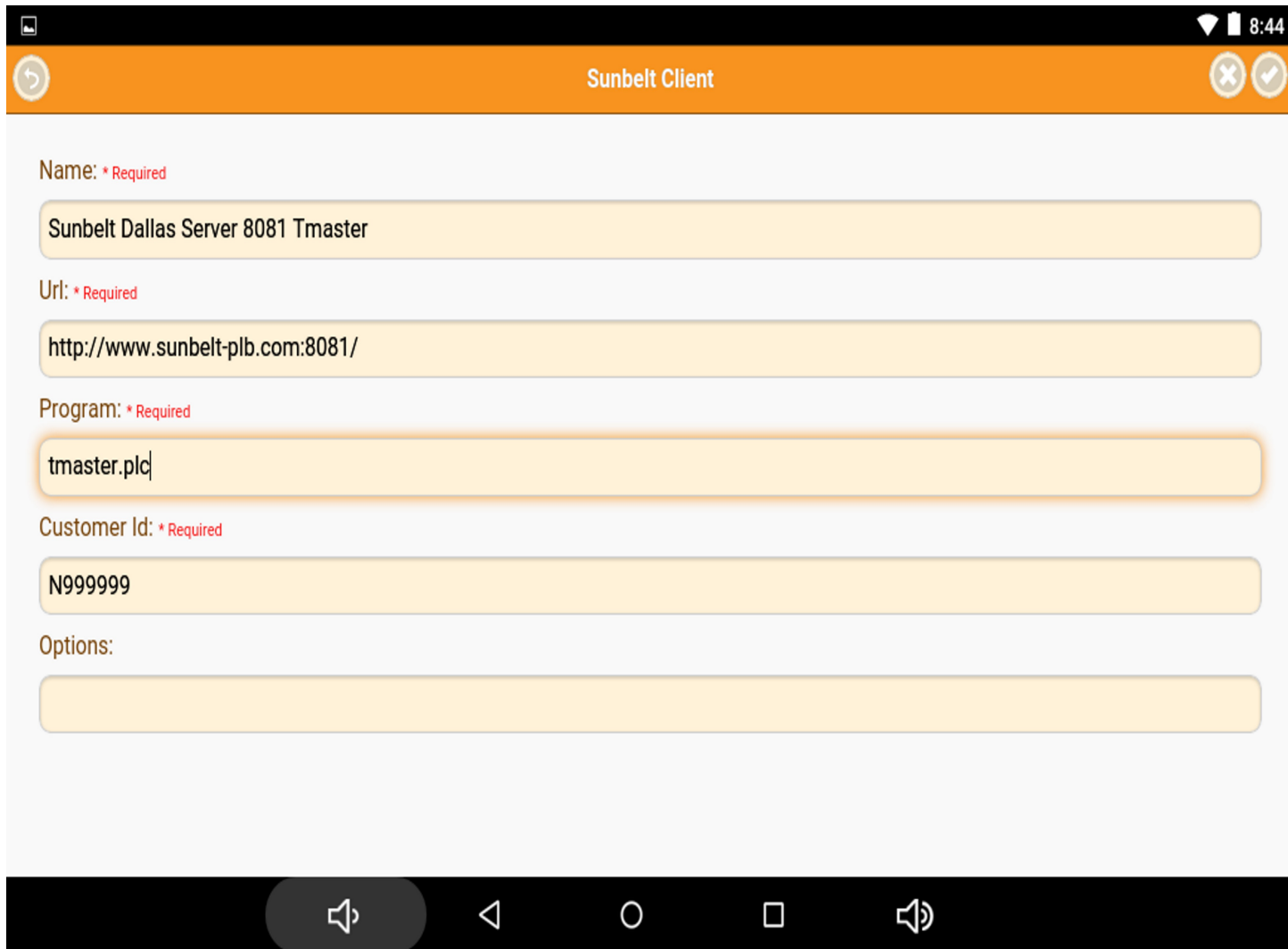

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When done, the user can press the Add 'check' button in the upper right corner to save the information and automatically return to the main screen . Otherwise, the loop Back button in the upper left corner can be used to return to the main screen without saving the new entry data.

Either way, the app returns to the main screen as follows:

Once a configuration entry has been added, it can be accessed from the main screen using the program button of the named program. The user can cause the program to be executed by pressing the button with the descriptive name.

A program button entry on the main screen can be removed or modified by pressing the pencil icon. When pressed the following screen is displayed to allow the device user to edit the fields as needed:

This screen will remove the entry if the 'Delete' button in the top right corner is selected and control is returned to the main screen.

Any field can be modified and the entry will be updated if the Update 'check' button in the upper right corner is selected which will automatically return control to the main screen.

The loop Back button in the upper left corner will return the user to the main screen without any action occurring.