

## Setting up Instem Provantis® with the CODE 1500 Scanner

The instructions below will help you setup Provantis for use with the RapID Tag. More information may be found on the RapID Lab website: [www.rapidlab.com/support](http://www.rapidlab.com/support). First, make sure that you have your CR1500 scanner set up as a Virtual COM Port.

### Setting up CODE CR1500 Scanner for RapID Tags as a Virtual COM Port

The instructions below will help you download and install the CODE Virtual COM Port Drivers and program your CODE Scanner. More information may be found on the RapID Lab website: <http://rapidlab.com/scanner-and-software-support/>

#### A. Install the correct USB Virtual COM Port driver for your system:

- Visit the following link to see all products.  
<https://ww2.codecorp.com/downloads.php>
- Click on the correct product to view available firmware and software downloads.
- Scroll to the bottom of the page and check the agreement box for the correct firmware or driver and click on the download button.
- Once the driver has installed, restart your computer.**

#### B. Reset the Scanner:

- Unplug** the CODE CR1500 from the PC.
- While holding the trigger** pressed, plug the reader into the USB port on the PC and hold for 5-10 seconds. You will hear 5 rapid beeps and then you can let go of the trigger. The unit is now in Boot Mode.
- Next, **hold the trigger down again** for approximately 5-10 seconds until it reboots. The reader will vibrate first and then beep several times and is now reset.

#### C. Reprogram the scanner:

- Scan** the codes below to reprogram your scanner.

#### Required Codes:

Custom Settings



CC004482\_03

Enable VCOM and Disable Data Formatting



CC004854

Additional optional codes on the following page below.

## Optional Codes:

1. Continuous Scan On



M20224\_01

2. 1 Second Duplicate Scan Delay



M20230\_01

3. 3 Second Duplicate Scan Delay



M20232\_01

4. Disable Duplicate Scan Delay



M20229\_01

1. This code allows for continuous scanning on your CR1500.

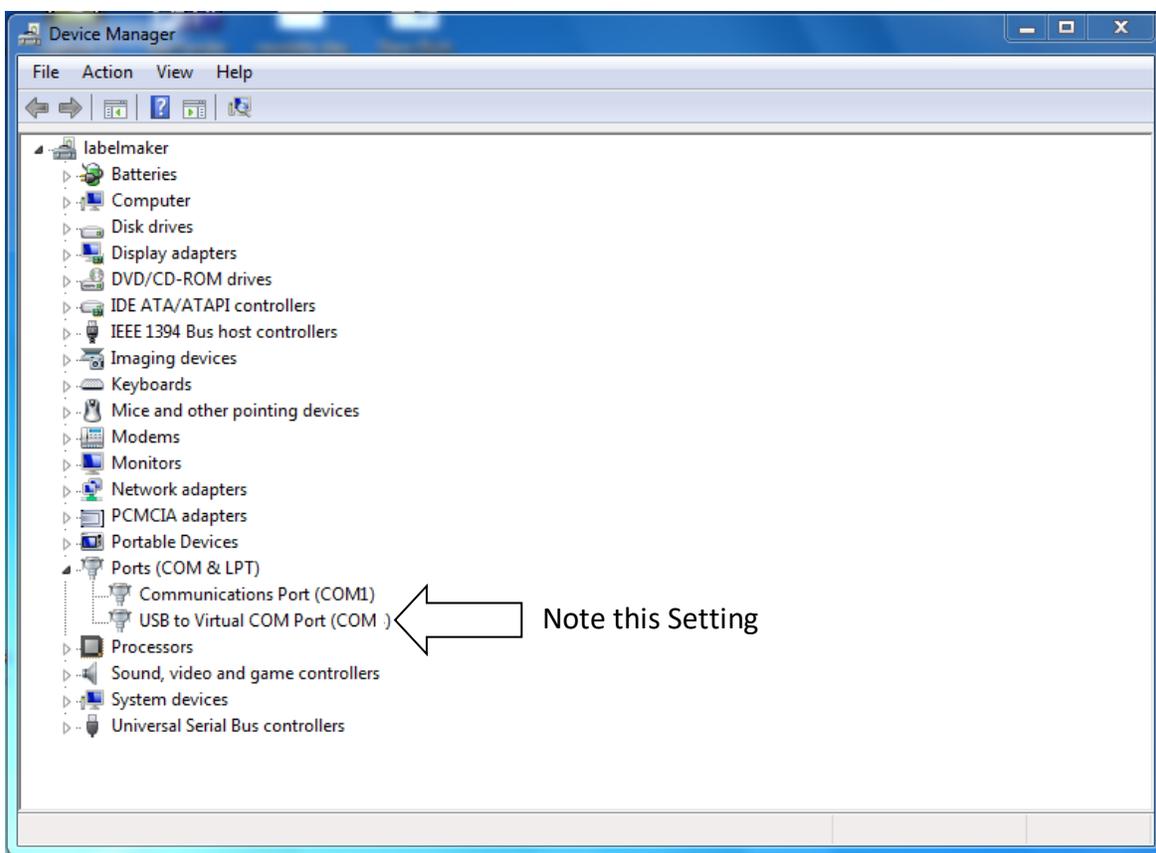
2. This code creates a 1 second delay between scans.

3. This code creates a 3 second delay between scans.

4. This code disables duplicate scanning.

## Continuing with Setting Up Instem Provantis®

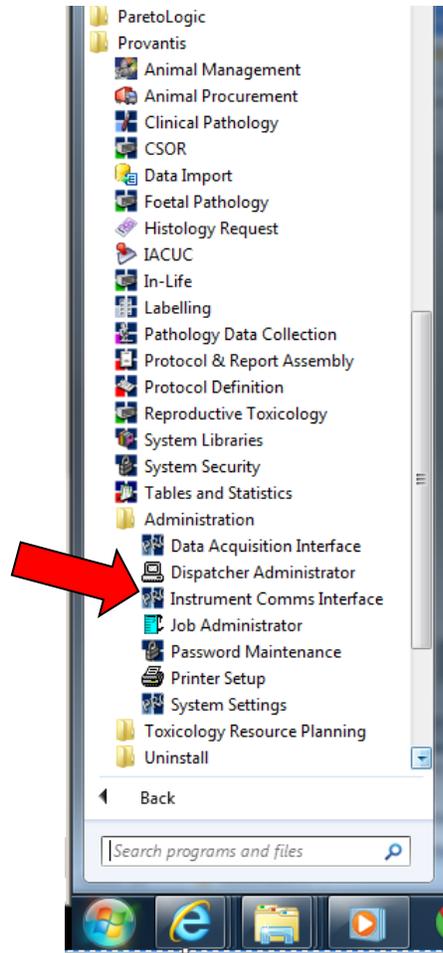
1. Open Device Manager:
  - a. **Windows XP** - Click on Start and then Control Panel. Click on the Performance and Maintenance link. In the Performance and Maintenance window, click on the System icon near the bottom of the window. In the System Properties window, click on the Hardware tab. With the Hardware tab selected, click on the Device Manager button.
  - b. **Windows 7** - Click on the start menu and type 'Device Manager' into the search field. Hit Enter to open device manager.
2. Click on Ports (COM & LPT) to view the current Ports in use on your computer.
  - a. Take note of the USB to Virtual COM Port that is shown. See Figure 1 below for an example. **Note: Your scanner must be identified as COM1, COM2, or COM3**



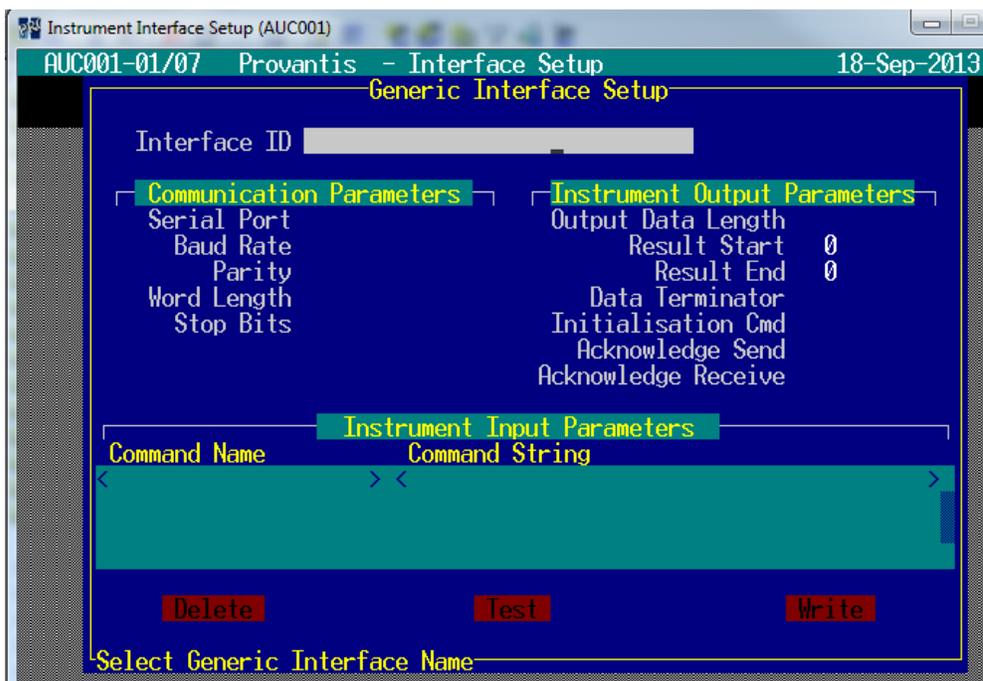
**Figure 1: Device Manager**

3. Leave the Device Manager window open
4. Plug in your scanner

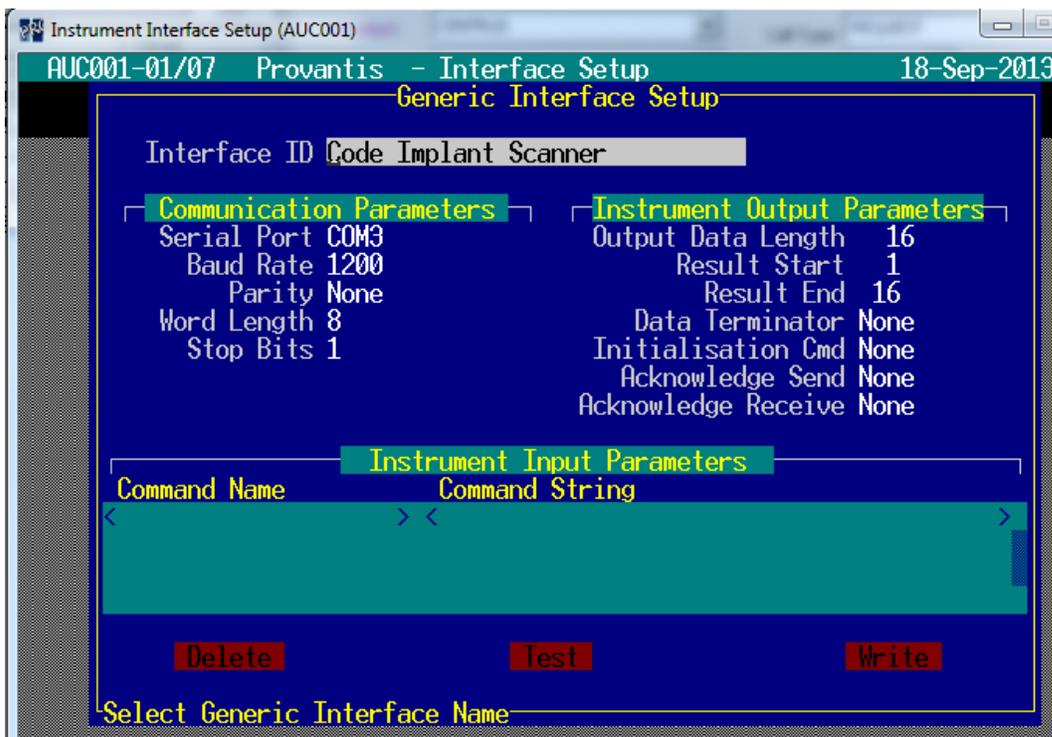
5. On the local PC, Navigate to Start>Programs>Provantis>Administration>Instrument Comms Interface:



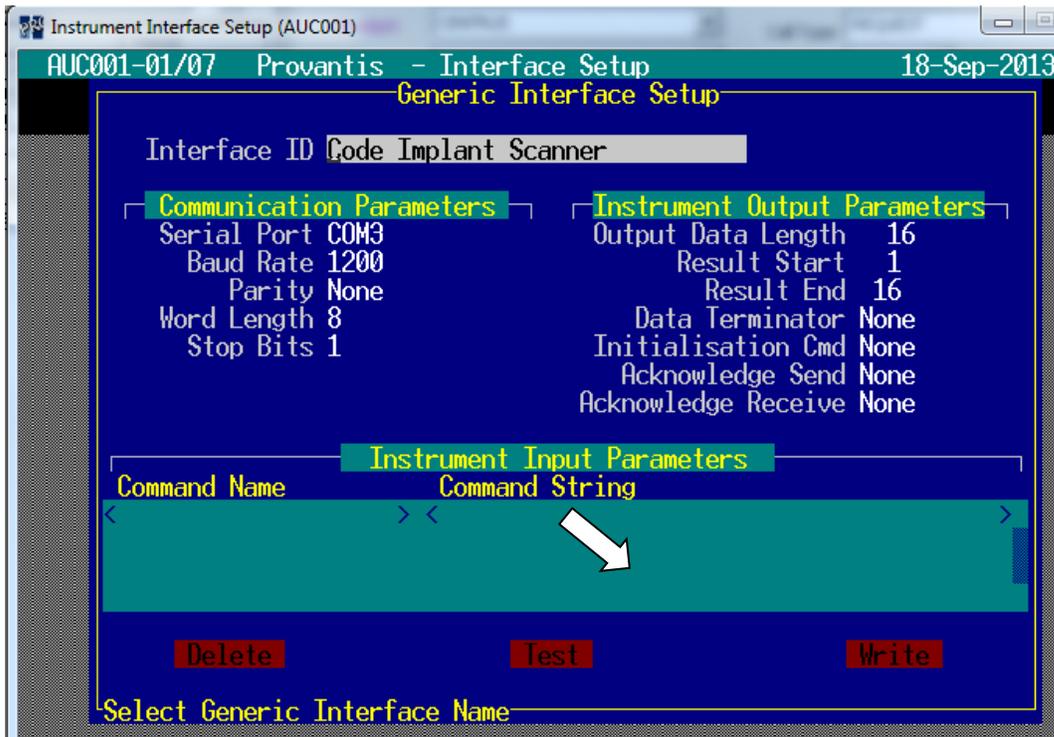
6. This will open the Instrument Interface Setup page:



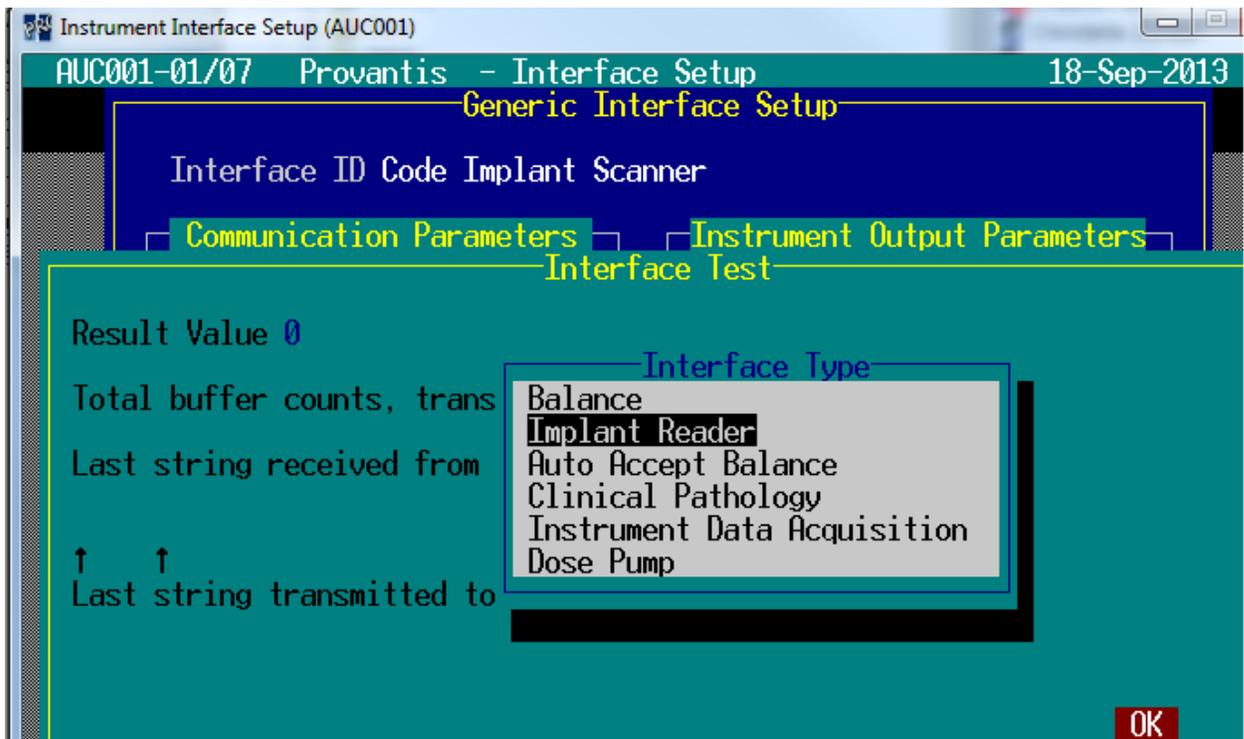
7. Enter in Device Name. Make sure your device is connected to an available USB/serial port (COM3 in this example) and based on the instrument’s recommended connection specifications; you would apply those to the AUC001 settings for your particular device:



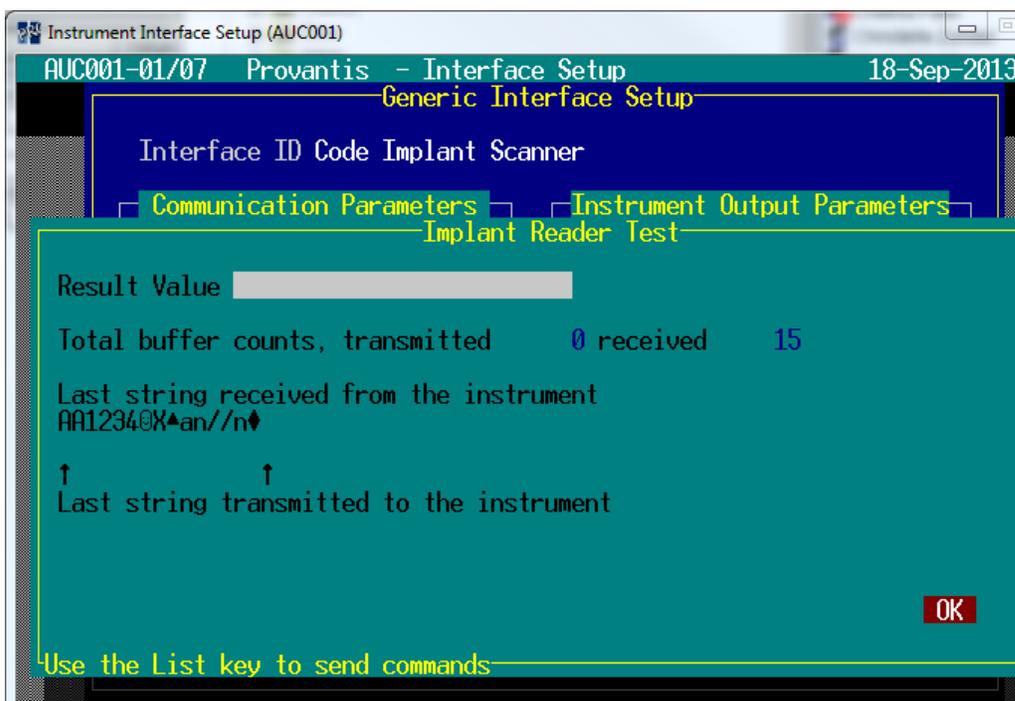
8. Perform test scan...



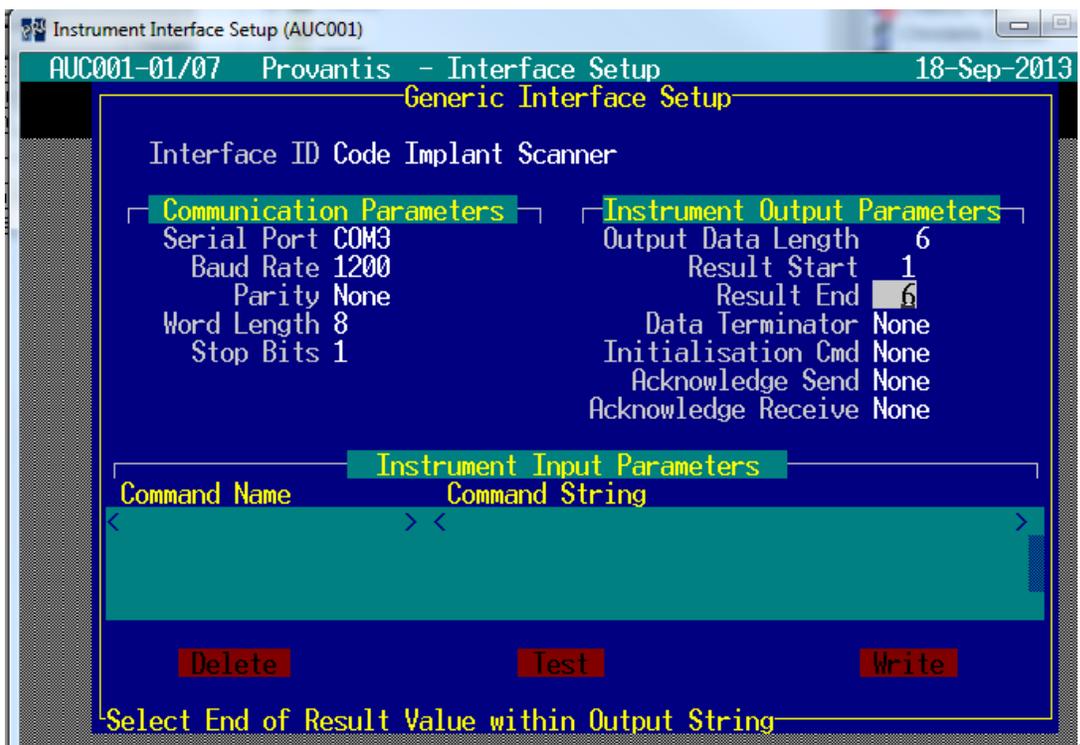
9. Select Interface Type:



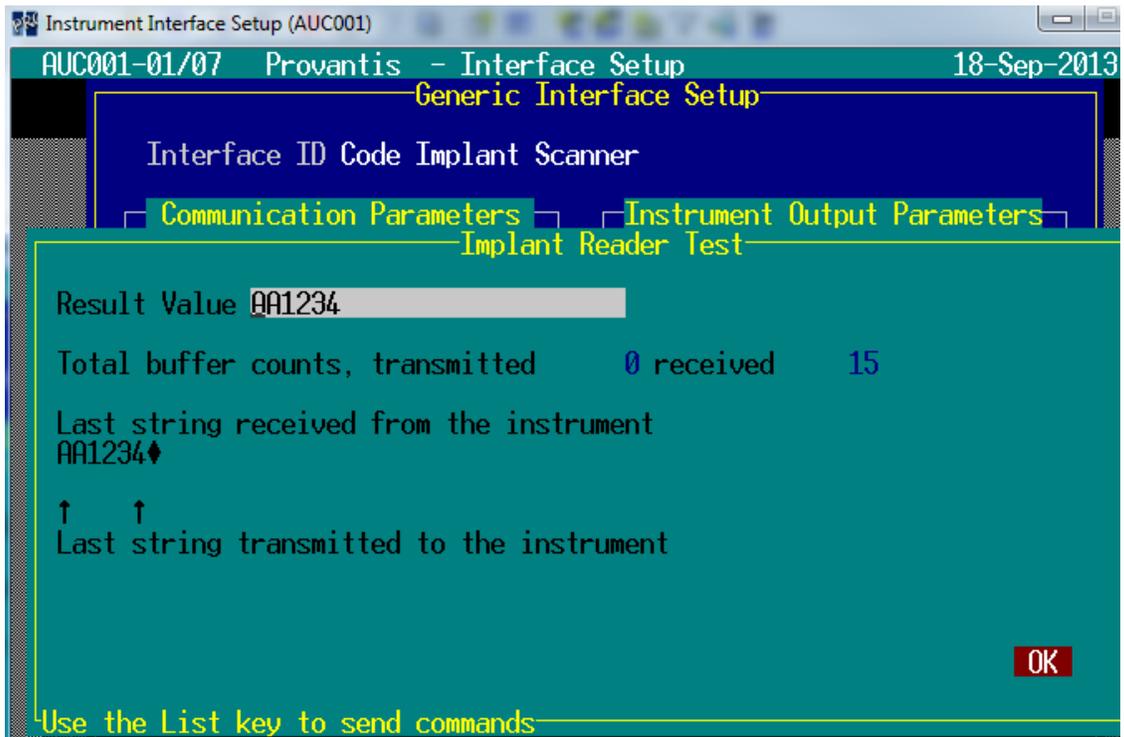
10. Scanned values will populate the “Last string received from the instrument” field:



11. Adjustments can be made to the Instrument Output Parameters to truncate the required string, in this case from 15 down to 6 characters:



12. Click Test again and the proper string will appear in the result field:



13. Once the interface is completed, users can open an In life data collection session and at the subject selection screen, scan the implant/tag for the appropriate subject ID...

