Loading Programs From Laptop to Q330’s

Introduction
This document provides step by step instructions for loading a new configuration file into a Q330, from an XML file, using a laptop running Willard software. These instructions are specifically for stand-alone stations where all the data is going to the Baler on data port 4. It is only necessary to use this procedure if you do not have a “clone” of the configuration on a Clie. Upon completion of this procedure the Q330 will be using the new configuration to acquire data, and a clone of the configuration can be made on a Clie for programming other stations. After the new configuration is loaded on the Q330, normal service procedures should be followed to ensure that the station is operating correctly. These instructions can only be used when the laptop is connected to a Q330.

Description of the Equipment
In order to perform this procedure you will need a Windows laptop with a serial port and a Q330 console to serial cable, the console. The laptop must have Willard installed and have a copy of the XML file to be loaded onto the Q330. If the laptop does not have a serial port you will need to use a USB to serial adapter.

Directions

Establishing Communication
Connection

Make sure power is connected to the Q330.

Connect the laptop to the Q330 console connector using the serial to console cable and a USB to serial adapter if needed.

Finding the available COM Port numbers

Open the Windows control panel by pushing start button and then Settings and Control Panel.
Look under Ports (COM & LPT) to find the available com port numbers. In this picture we know that it is the “Keyspan” on COM 4 because we were using a Keyspan adapter.
If the Dataless Station panel appears select No. Otherwise proceed to the next step.
In the menu choose **Configuration Cloning**. If Willard does not respond, restart Willard using a different COM number.
Wait while the configuration is loaded into the Q330.
After the configuration is loaded in the Q330 select Re-boot Now.

Verify that the configuration has been loaded

When the Q330 has finished rebooting Reregister Willard and select DP Token Editor from the Configuration menu.

Select Port 1.
Verify that the Station name corresponds to the correct configuration and then select Cancel.
Repeat for **Data Port 4** and verify that the **Station** corresponds to the current station. Select **Cancel** and exit from **Willard**.