Installing the FIRSTWA Dual Recorder Application

# Prerequisites

* Microsoft .NET Framework 4.7.2
* Administration rights

# Biggest changes since previous version

* Ceremony function enabled
* Keys are now automatically created
* Can specify the Basedir in the Settings
* Shouldn’t fault out if settings aren’t perfect!
* No longer needs to convert file formats. Hyperdeck does H.264 file encoding

# Steps to install

This program now has a setup program. It is a basic one, so it doesn’t do upgrades cleanly yet. You might be asked to go uninstall the existing app in the control panel.

See instructions below which are quite different that previous instructions.

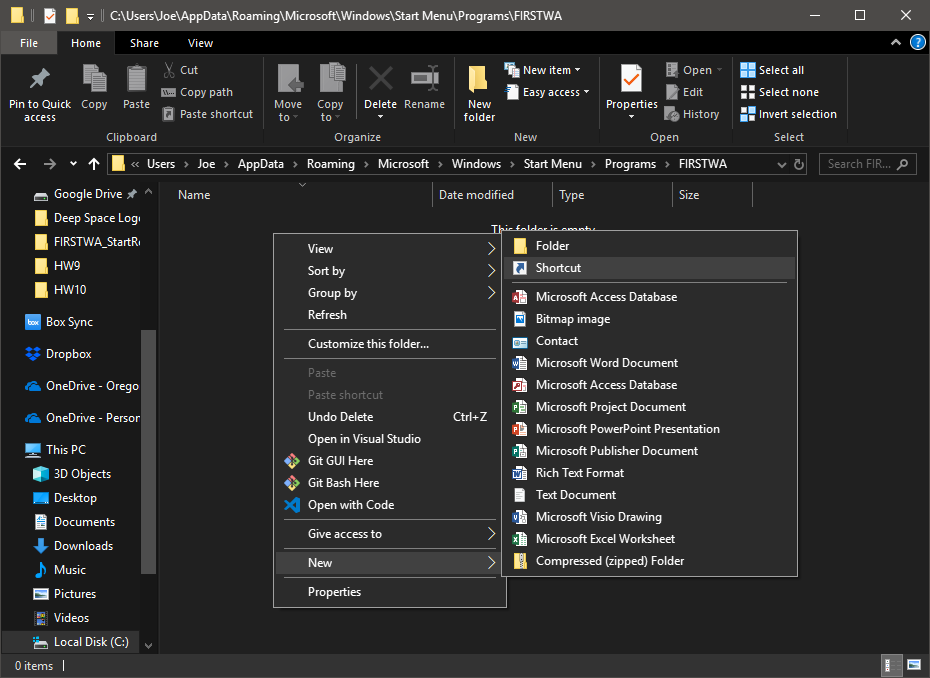
The new version of the program takes care of creating all of the needed registration keys. There are some values, however, that you need to enter into the Settings menu. At the time of this writing, this is what they are.

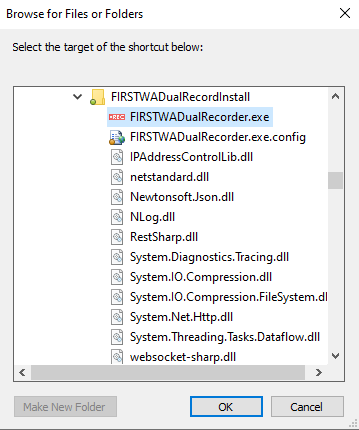
RED TRUCK:

* + 1. PC\_IPAddress
       1. Value = 192.168.100.69
    2. PROGRAM\_IPAddress
       1. Value = 192.168.100.32
    3. WIDE\_IPAddress
       1. Value = 192.168.100.31

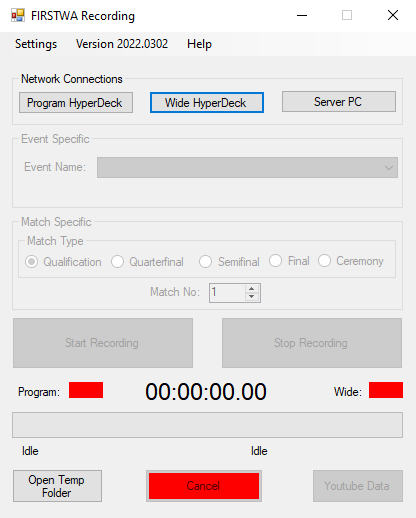
BLUE TRUCK:

1. PC\_IPAddress
   * + 1. Value = 192.168.100.111
2. PROGRAM\_IPAddress
   * + 1. Value = 192.168.100.62
3. WIDE\_IPAddress
   * + 1. Value = 192.168.100.61
4. The installer is on the [firstwacase59@outlook.com](mailto:firstwacase59@outlook.com) OneDrive. It should already be on our media machines.
   1. Using file explorer, find FIRSTWA Dual Recorder directory in the root of the OneDrive. You should find a setup.exe and a FIRSTWADualRecorder.msi file.
   2. Run setup from that directory. It may prompt you to Repair or Remove. If it does, remove the existing program. If you do a remove, you will need to run setup a second time to actually install.
5. Create shortcut in start menu:
   1. This only needs to be done once. Check to see if this shortcut already exists.
   2. Open Windows Explorer
   3. Navigate to the installation folder with
   4. Navigate to: shell:programs
   5. Create a folder, “FIRSTWA”
   6. Right-Click and create a new shortcut



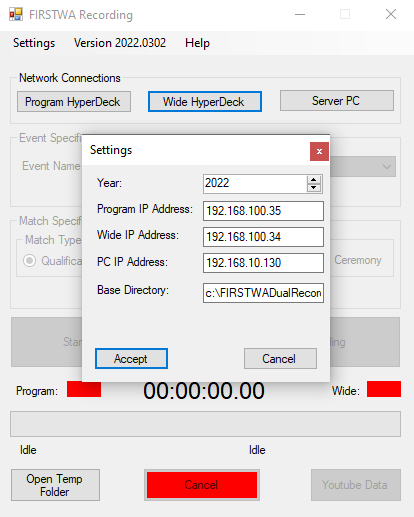
* 1. In the Create Shortcut window, navigate to C:\Program Files (x86)\FIRSTWADualRecorderInstall, and select “FIRSTWADualRecorder.exe”
  2. 
  3. Click “Next”
  4. For the name of the shortcut: “FIRSTWA Dual Recorder”

# How to use the app



## Checklist

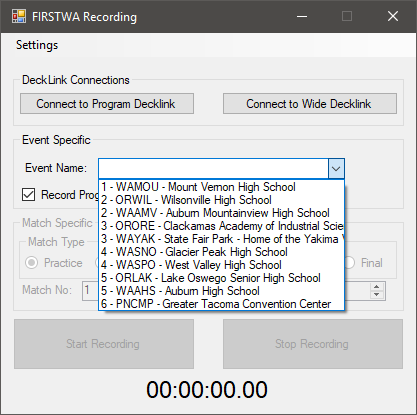
* Go to Settings>Recording, and confirm the IP addresses are correct:



* Confirm that Base Directory is set to a place where you can hold a lot of data. On our machines, v:\FIRSTWADualRecorder is a great place. It will create a directory structure under that path for you.
* Confirm that the two DeckLink recorders, the TV switcher, and the main PC are all turned on and connected to the network
* Confirm that Case 59 is connected to the internet and has access to thebluealliance.com
* Confirm that the home directory for FileZilla for the account FTP\_user is set to <BaseDirectory>\Temp

## Basic Steps

1. Click the three buttons, “Program HypderDeck”, “Wide HyperDeck”, and “Server PC”. They will all turn green if they are connected.
2. Choose the event that you’re at using the dropdown box.



1. Choose a match type using the radio buttons
2. Choose a match number
3. When the match starts, click “Start Recording”. The timer at the bottom will start counting up and the recording lights, on the DeckLinks, will be Red
4. When the match is over, click “Stop Recording”.
5. The program will automatically copy the recorded videos to the following folder structures:
   1. Program Recording: <Basedirectory>\<year>\event>\PROGRAM
   2. Wide Recording: <Basedirectory>\<year>\event>\PROGRAM
   3. This program no longer needs to convert files, so it should be pretty fast.
6. The match number will automatically increment, but the user is responsible for confirming the match number before starting the recording.
7. If you select Ceremony, it will create a file with “<Event Name> - Ceremony <Title>” and will record only on the Program Hyperdeck.