WOBOT Vision Software Control Document

Known Bugs and requested upgrades (High Priority):

* MAIN PROGRAM – Make something that can indicate the M/s of data going through the TCP coms to ensure that the camera stream is not shut down.
* MAIN PROGRAM – Make it so the user can calibrate the vision system from the dashboard.
* MAIN PROGRAM – The WPILIB NT table client does not shutdown when exit is pressed.

Wish List Items (Lower Priority):

* MAIN PROGRAM – I would like to make the software spawn loops for each camera automatically.
* MAIN PROGRAM – I would like to add better configuration support for each camera or make it easier to add configuration to the camera setup.
* MAIN PROGRAM – It might be nice to have a standard set file for each camera type.
* MAIN PROGRAM – Make it so the compression can be controlled from this software as well as the dashboard.
* MAIN PROGRAM – Make an enumerated type def to hold the allowable ports for the coms back and forth from the vision system and the dashboard.
* MAIN PROGRAM – Make it so we can drag and drop vision targeting code to a camera.
* MAIN PROGRAM – Add camera settings to the save configuration.

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* MAIN PROGRAM – Updated the version to WOBOT 2020 Vision Ver. 1.0.0