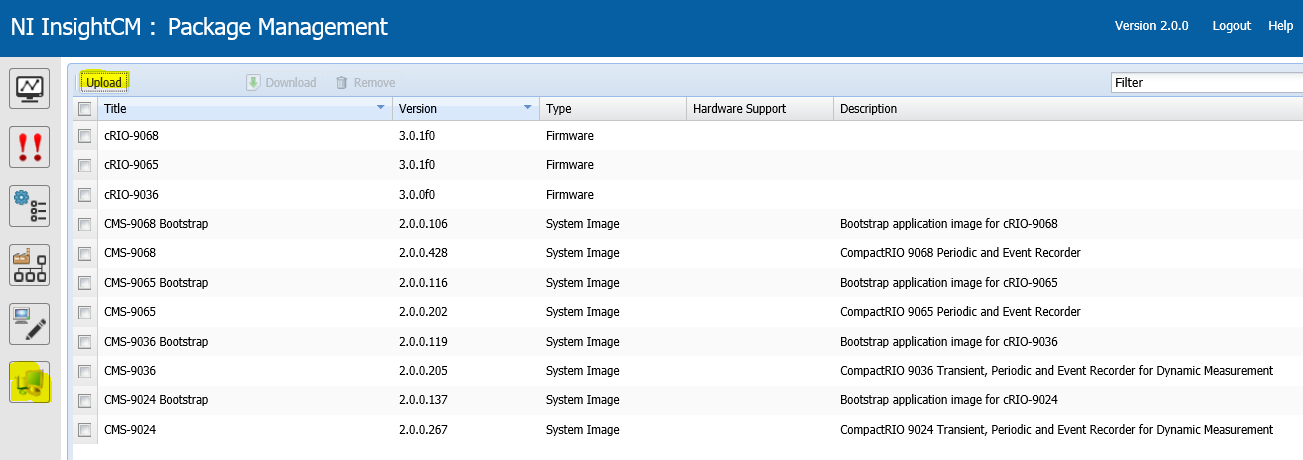
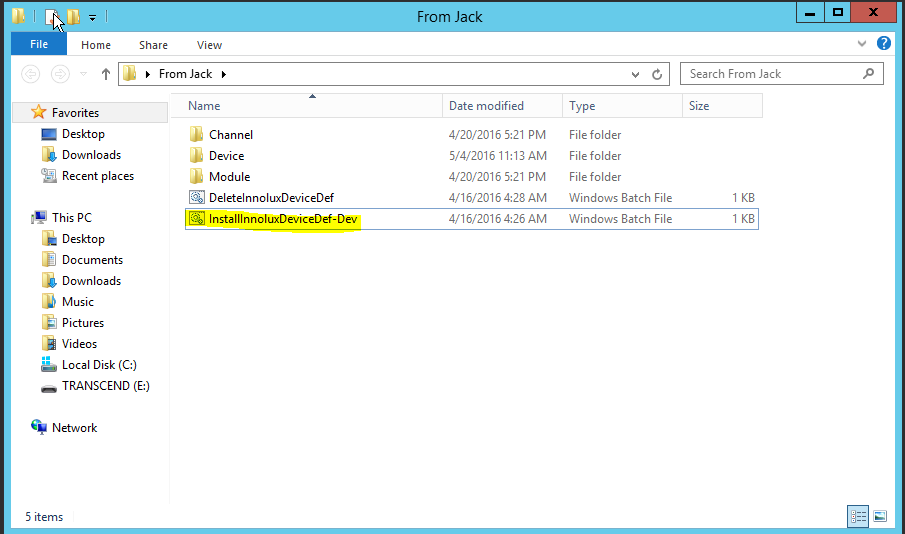
Setup Instructions:

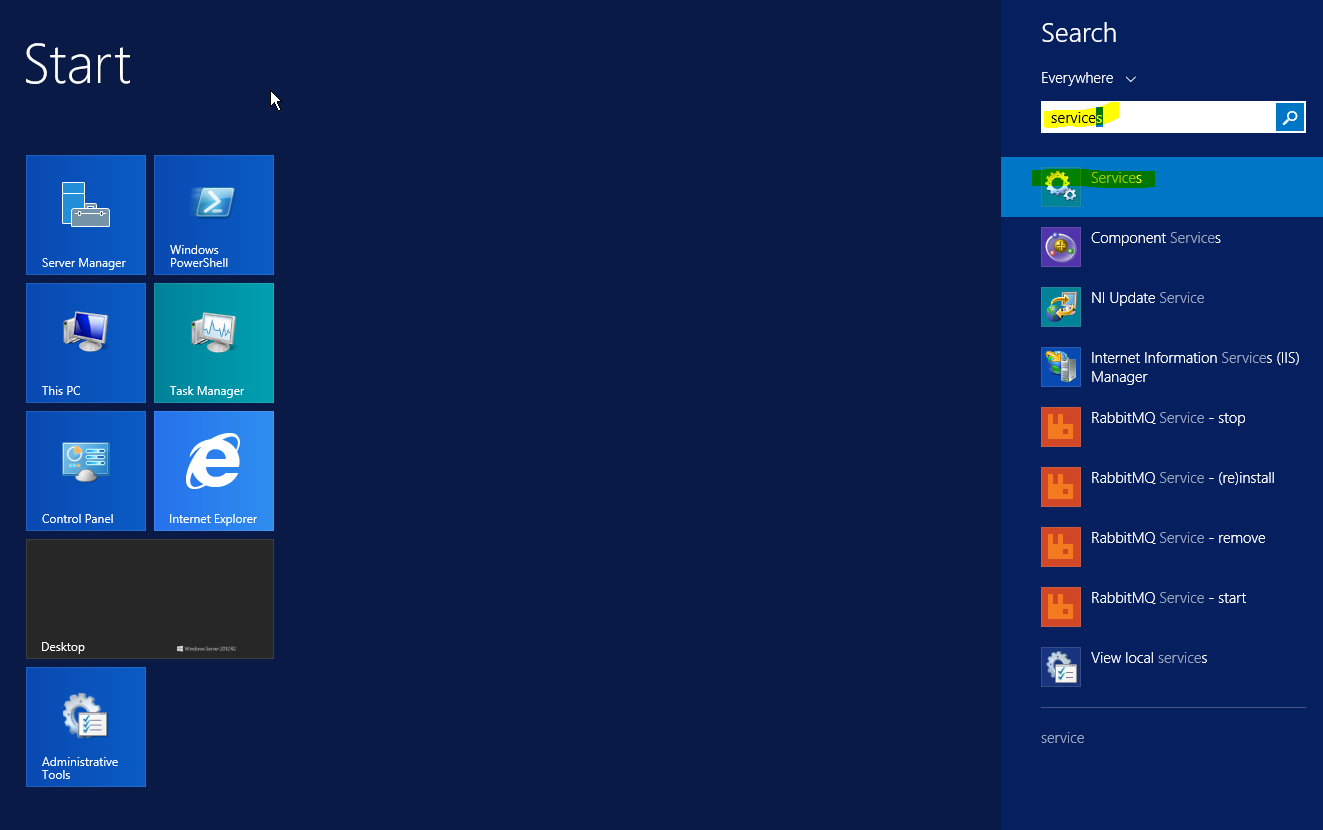
1. Load “Innolux cRIO Data Logger” system image (.lvappimg) into InsightCM Server.

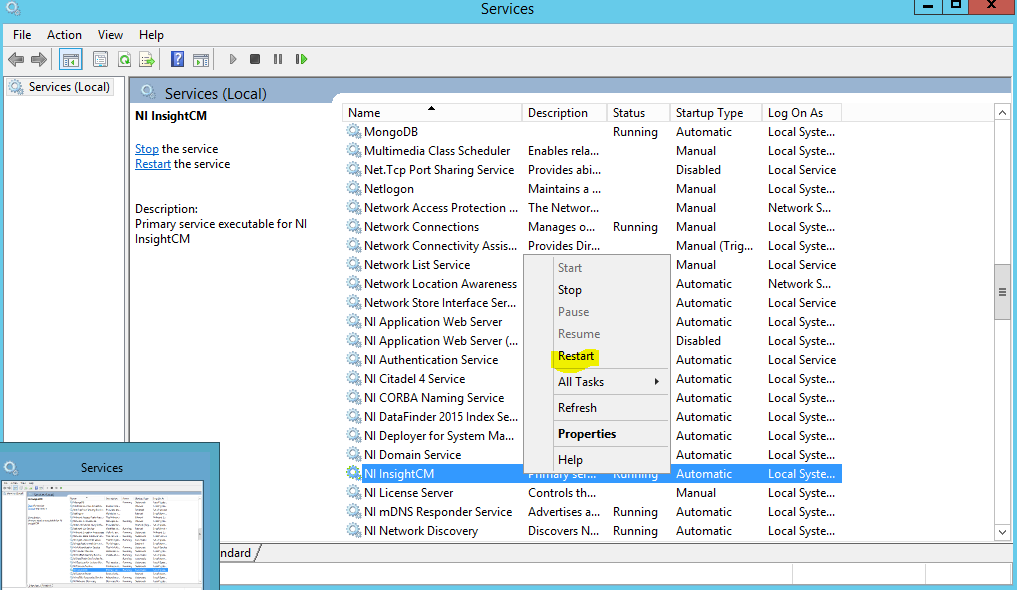


1. Run InsightCM console batch file (“\From Jack\InstallInnoluxDeviceDef-Dev.bat”.) This put a new device definition into the InsightCM server called “Innolux cRIO Data Logger”.

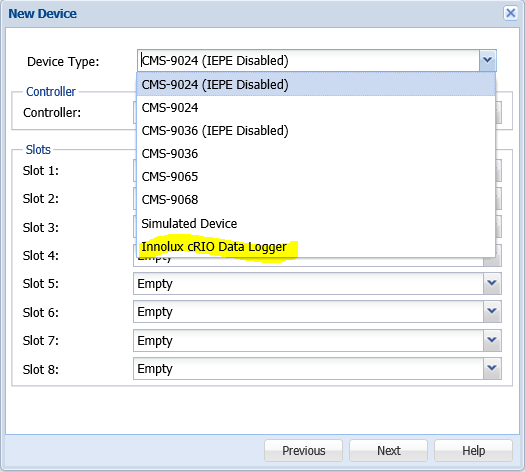


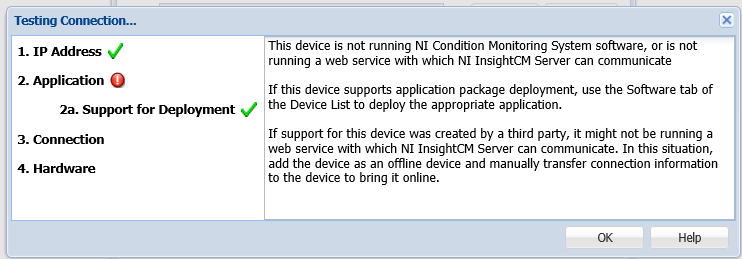
1. Restart “NI InsightCM” service.

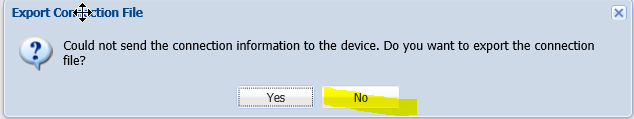


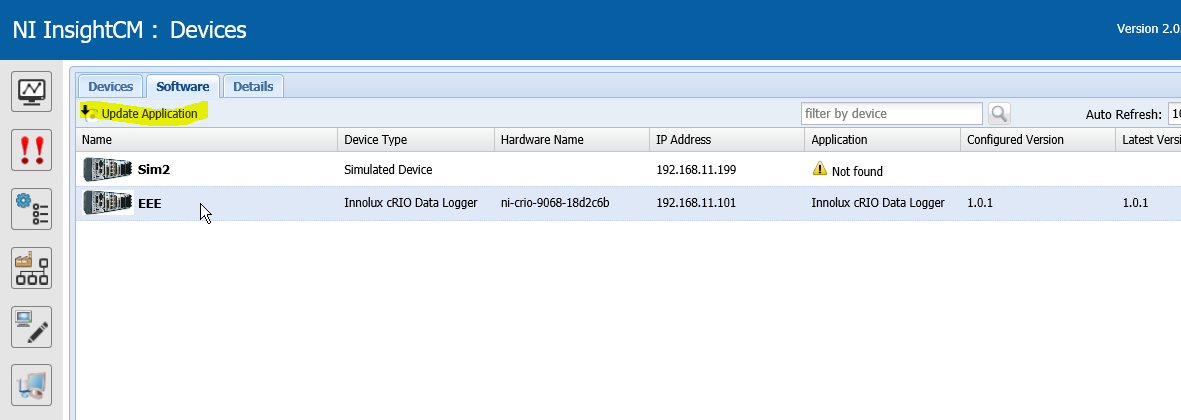


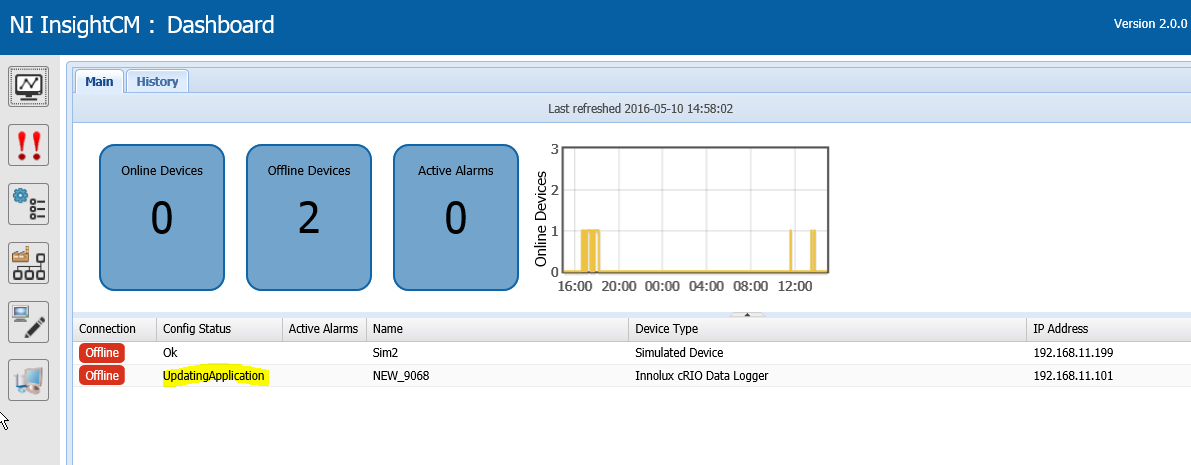
1. Prepare connection to cRIO as usual, using the new “Innolux Data Logger” device type. Because the cRIO has no InsightCM image in it yet, we have to put the image in before the InsightCM server can connect to it. Use the Devices page to add a new device, point to the IP address of the cRIO. At this point just press OK and no. Then use the software tab to update the application. The InsightCM image will begin to load into the cRIO.



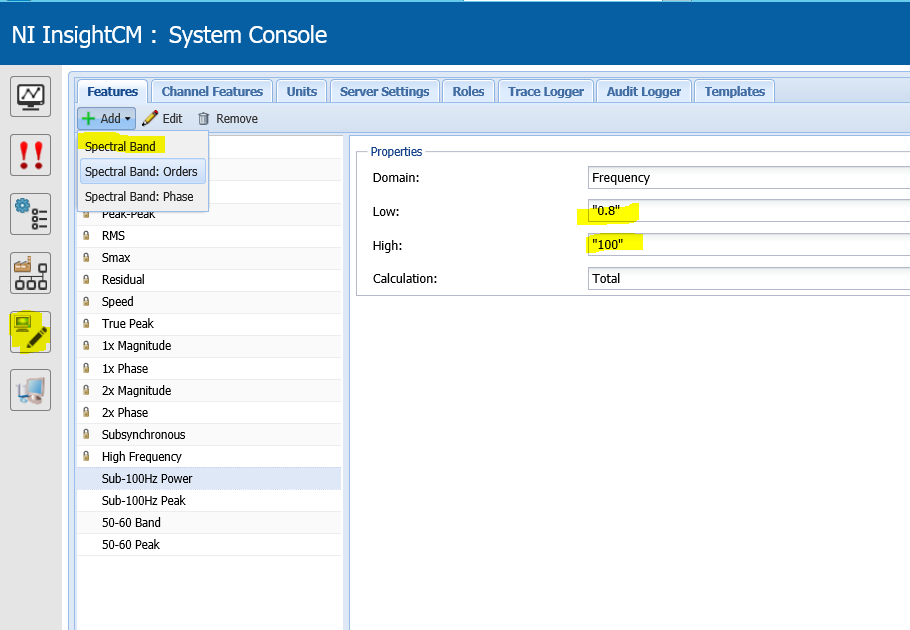








1. (Optional) Define new spectral bands in server, if needed.



Some notes to myself:

* 1. Add device – Innolux Datalogger
  2. Define features
  3. Assign channel layout

Things to do:

1. Package cRIO code into rtexe. Make sure the file “BOP\_6\_9068\_M9205.lvbitx” is in /home/lvuser/natinst/LabVIEW Data/InsightCM/FPGABitfiles. Use RAD to make into lvappimg. DONE
2. Modify device def to include static modules. DONE
3. Modify device def for more sample rate options (500-1500 Hz) DONE
4. Modify device def to reflect new Application GUID (after step 1) DONE
5. Test for 6 9205s, CPU usage.