Running a test on ThermoRec

Open NI Distributed Manager

Remote Items SSThermoRec 10.240.24.162

Set  
SS\_Bypass\_ThermoRec = FALSE  
SS\_Pulse\_Number = something (12345)  
SS\_Pulse\_Type = 4  
SS\_ThermoRec\_Delay = something (5)  
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To Start ThermoRec

Externally (will be PINIController) SS\_ThermoRec\_TrigAcquire =TRUE   
SS\_ThermoRec\_TrigReceived will then go true (if you are doing this manually set SS\_ThermoRec\_TrigAcquire = FALSE again.

After a while it will take the data and create a local file. You need to FTP the local file from the RIO. The local file for SS is <ftp://10.240.24.162/MNBI_Data/>. You can look at it by opening NI MAX, Opening remote systems, right clicking on MNBI-SS\_ThermoRec-Drop0 and left clicking on File transfer then going in to MNBI\_Data.

Once you have dealt with the file ThermoRec is expecting a confirmation that the FTP has be done and needs SS\_ThermRec\_FTPSuccess set to 2 (if you are doing this manually set it back to 0 again once the process has moved on)

It now needs a reset which it expects from historian. Set SS\_Historian\_Request\_Reset to TRUE and then FALSE.

SSThermoRec will then be ready for another pulse (if you are doing this manually you will need to change the pulse number)

Set

SS\_Bypass\_ThermoRec