

# **DSG NPS Status Update**

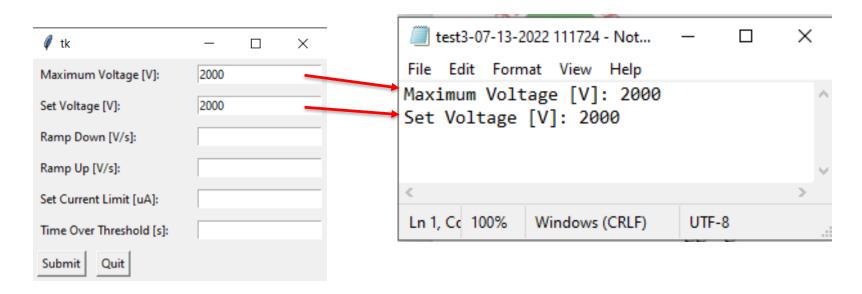
Aaron Brown and the Detector Support Group July 21, 2022

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- High Voltage Settings GUI
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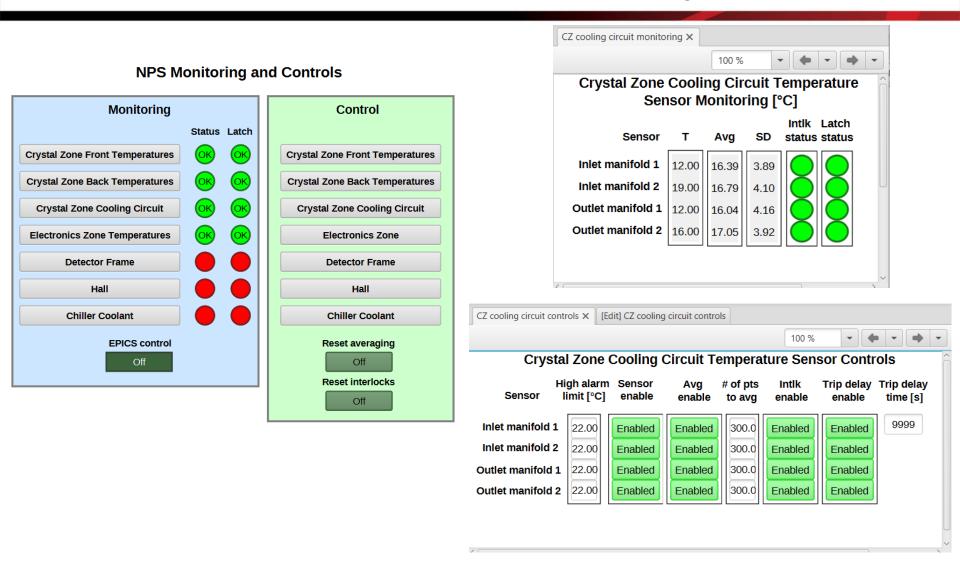
## **High Voltage Settings GUI**



- GUI to set high voltage parameters for all channels and modules
- Value inputs are saved to a timestamped text file
- Changes to individual channels handled with HV EPICS pop-up screens



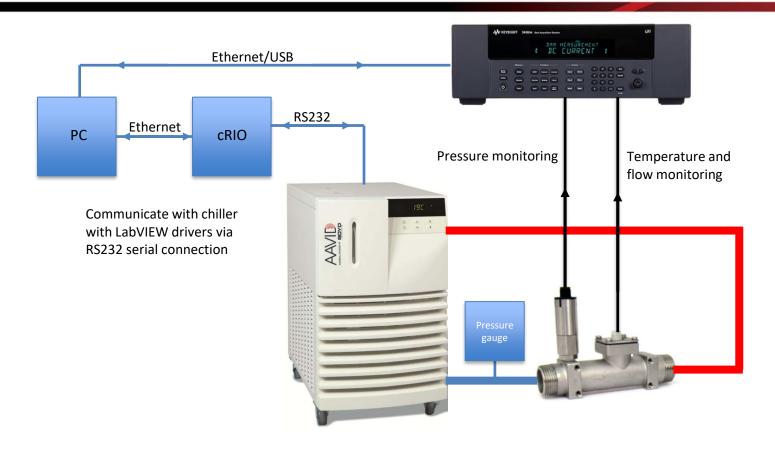
## **EPICS Phoebus Screen Development**



Debugging controls & monitoring screens



#### **Chiller Testing Schematic**



- Smaller of the two chillers (flow: 2.4 gal/min)
- Proteus Industries vortex flow meter measures temperature pressure and flow
- Test chiller communication and flow meter performance



7/21/2022

#### **Conclusion**

- High voltage settings GUI developed to set parameters for all CAEN modules/channels
- Debugging and revising EPICS Phoebus controls and monitoring screens
- Chiller communication and flow meter testing can start next week

