

INTT HV GUI

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Overview

- INTT will supply power to the ROC boards and Ladders using WIENER MPOD modules



Overview

- INTT's High-Voltage GUI will be a graphical front-end for monitoring
 - Implemented with PySimpleGUI
 - Calls SNMP commands send and retrieve information from MPOD modules

Example



- There is a tab for each layer of the INTT (currently only two tabs in example)
- Each ladder is a row
- Each sensor can be assigned an MPOD channel (multiple can be the same—no constrictions on how the IP and Channel are assigned to a sensor)

Progress

- Can communicate with the MPOD module in Si Lab
- Need to set up on OPC0
- Need to be able to print currents on order of 10^{-7} or 10^{-8} A (unless our operating range is higher than μA)
- Implement additional features as needed