

HV Test Station Status Report

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1. Checked directions and directories mentioned in “*Hall C Expert How to*” manual for CAEN High Voltage System EPICS controls to understand the architecture and setup of actual system.
 - 1.1. Unable to find mentioned directory (EPICSL/ apps/ Alias4527App), which runs *EPICS Helper* server for each SY4527 main frames in “cdaq1” computer.
 - 1.2. Developed a diagram of EPICS servers running on VME based CPUs (Hardware) with the main components and communications with CAEN HV main frames.

2. Database development to control and monitor SY4527 CAEN HV system in process
 - 2.1. Run EPICS IOC application test version with database example for some defined Process Variables.
 - 2.2. Added first (PVs) to running IOC example in Linux computer (dsg-b-linux1)