

DAQ

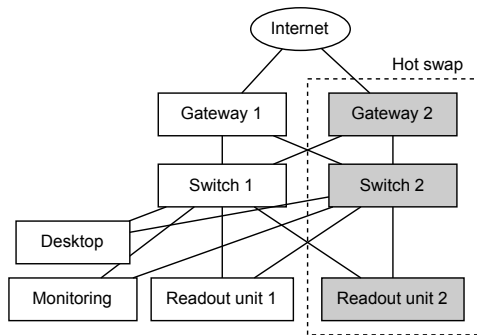
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University of Warwick
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BUTTON collaboration meeting
Boulby, United Kingdom,
January 29–31, 2024

Computing hardware

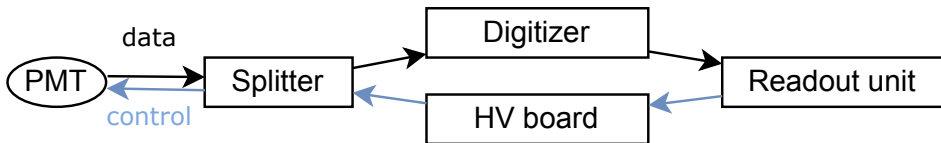


Network schematics



Readout units

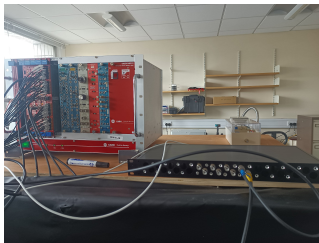
Other hardware



- ▶ 7 digitizers CAEN V1730SB (one at Warwick)
- ▶ 18 high voltage boards CAEN V6534P (one at Warwick)



PMT



Splitter (the black box)

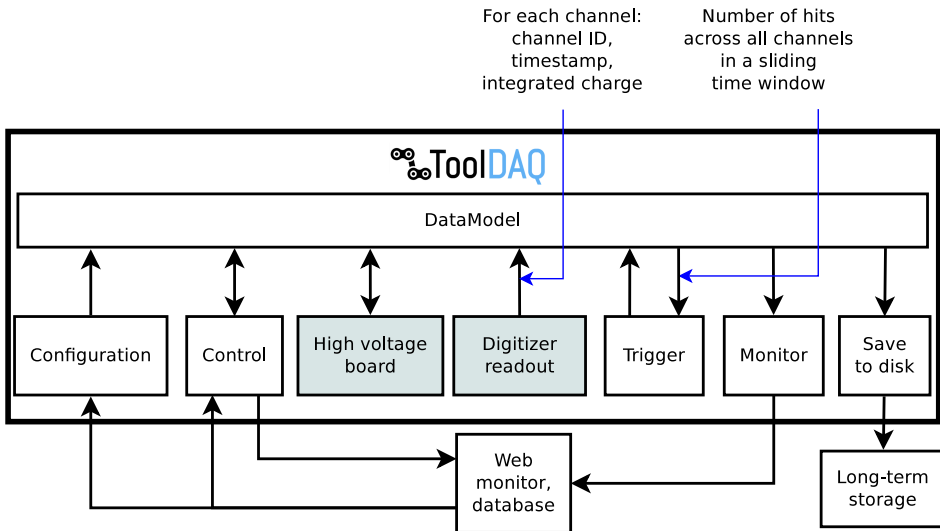


V1730



V6534

Software



Successes:

- ▶ Software: readout and high voltage control tools were developed.
- ▶ Hardware: gathered, partially installed, not connected.

Plans:

- ▶ Web page design — integration with other subsystems.

Issues:

- ▶ One rack has been damaged en route to the lab — to be replaced?
- ▶ One CAEN crate has issues with the power supply — to be returned to the manufacturer.