

UniPos

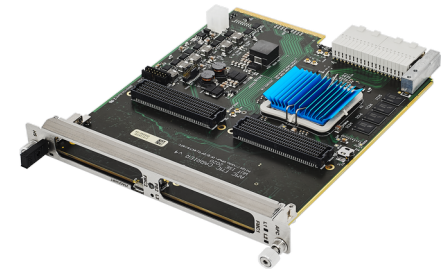
UNILAC Beam Position Monitor

Status:

- New hardware installed and cabled
 - 3 * μ TCA Crate
 - 5 * AFC FPGA board
 - 7 * ADC (20 channels each)
 - 3 * FTRN



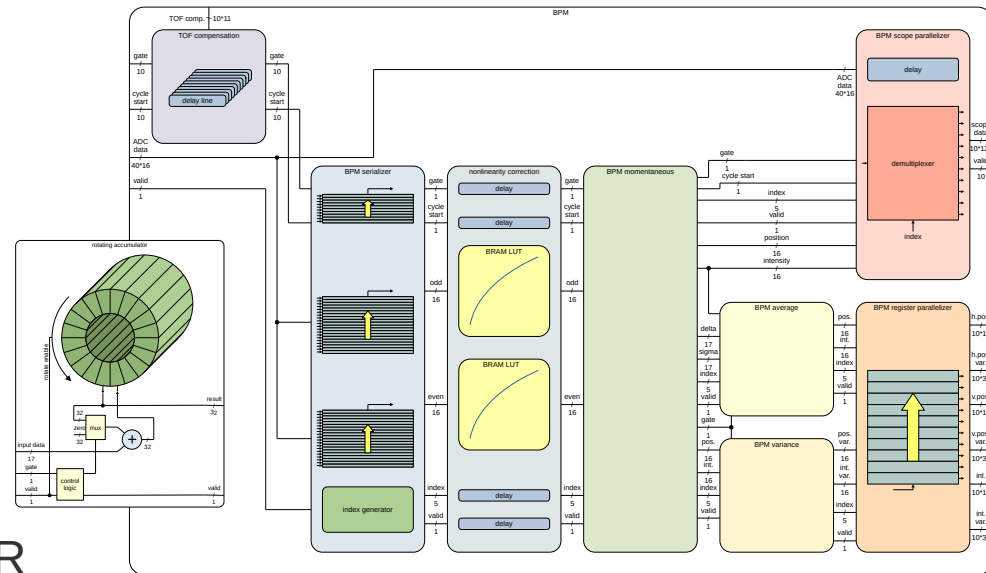
IOXOS ADC_3117



AFC - ohwr.org



- 3 Adapter Boxes built and installed
- FPGA Gateway developed
- FESA class developed
- GUI developed and deployed to HKR







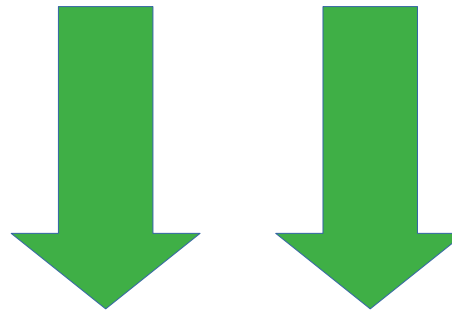
Next steps:

- Testing
- GUI / gateware improvements
- Bug fixes / repair of existing DPX / BPM hardware



Open question: *Device Access* strategy

- Dependency between UniPos and PHAS needs to be resolved (amplifier settings)
- Limited performance of *Device Access* when accessed by multiple instances



Proposal by Kajetan Fuchsberger:

- Central services that handle all accesses to *Device Access* properties
 - e.g. a *GAIN SERVICE* that centrally controls all amplifier gains
 - PHAS app is a client of the service
 - UniPos app is a client of the service