

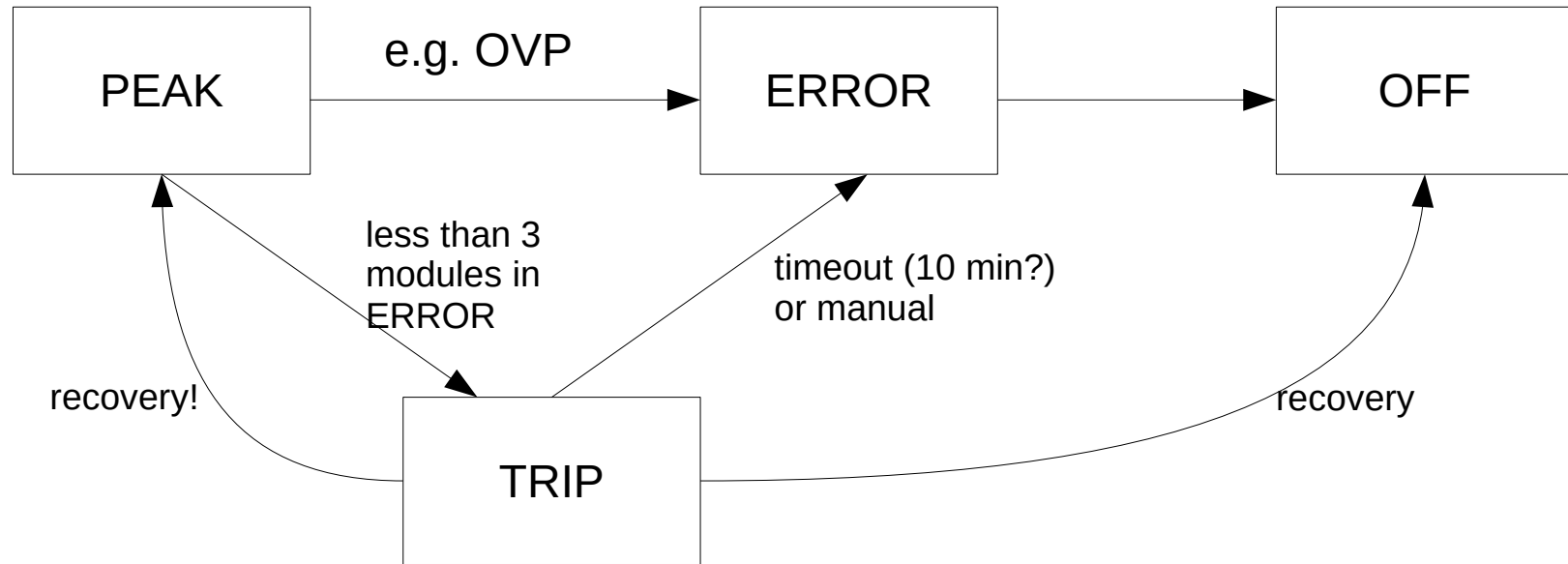
Alarm system - Current alarms

- Threshold and “variation band” for every channel
 - Dependent on state (STANDBY/PEAK)
 - Need to be added to configuration DB

- Work started here by Simon:

https://stash.desy.de/projects/B2G/repos/pxd_sc_ioc-modulemonitor/pull-requests/2/diff#monitorApp/Db/current-monitor.substitutions

TRIP and recovery



TRIP and recovery

- PXD PSControl IOC update in feature branch ([PR](#))
 - PS state goes to TRIP if less than 3 modules go to ERROR
- Module-Tools IOC [feature branch](#) with automatic/manual recovery to either OFF or PEAK
 - Choose how much time is given for automatic recovery before TRIP → ERROR (default: 10 minutes)
 - New PVs for recovery steering
- Recovery procedure tested at DESY: 2 minutes for full recovery after TRIPs
- CR shifter recovery button to be implemented for ERROR->OFF