

BPM Software

LCLS BPM IOC Application Version Information as of 3/13/2023

ATCA-based systems are using branch `mr_branch_eic`

LCLS VME/PAD systems are using branch `mr_branch_vme` if they have been upgraded to EPICS 7 and RTEMS 4.10

These LCLS VME systems have not been upgraded because of 2nd Ethernet communication problems (CATER 148332):

- IOC-BSY0-BP01
- IOC-LTUH-BP02

These LCLS VME systems have not been upgraded because of unstable EVR fiducial rates and missing BSA data (CATER 149217):

- IOC-IN20-BP02
- IOC-LI21-BP01

LCLS VME/PAD systems that have not been upgraded to EPICS 7 are using `Bpm-R10-3-0-br` or `Bpm-R9-5-8-br`

There is no functional reason for these different branches. It is just historical and due to hoping that this problem will be fixed soon.

IOC-UNDH-BP01 also needs to be upgraded to EPICS 7 and RTEMS 4.10. There is no known showstopper here; it just needs to be done.