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Trigger Algorithms for Alignment and Calibration at CMS

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The CMS on-line selection system is implemented in two steps: the Level-1 Trigger, implemented on custom-made hardware and dedicated to analyse the detector information at a coarse-grained scale; and the High Level Trigger (HLT), implemented as a series of software algorithms, running in a processor farm, that have access to the full detector information. A dedicated set of HLT algorithms is used to meet the data needs of the Alignment and Calibration group at CMS. We describe here that set of algorithms, and how it fits in the general infrastructure of the HLT.

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