

# **The Payload Inspector: a tool for the visualization of Calibration and Alignment constants stored in the CMS condition database**



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# Highlights

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- Very frequently, experts want to inspect and exchange with others in CMS the time evolution of a given calibration, or want to monitor the values produced by one of the automated procedures.
- To address and simplify these operations, a Payload Inspector platform has been introduced as a web-based service to present historical plots and maps of calibrations directly retrieved by the CMS production condition database.
- This poster reports the design and development of the Payload Inspector platform, the choice of technologies (python, Flask and Highcharts) and reports the operational experience after one year of use.