

THE CMS TRACKER CONTROL SYSTEM - IDENTIFIED PROBLEMS AND SOLUTIONS UNDER EVALUATION.

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The CMS Tracker Control system will consist of numerous diverse subsystems with made at home equipment. The purpose of the control system will be to provide safe and correct operation to a detector that combines a flammable gas system, the necessity of strong sub-zero temperature control of a large number of its elements, tens of thousands of high voltage channels and some millions of readout channels. The detector will be operating in highly radioactive environment. The control system should be functional all year round. Currently several test setups are being built to address particular aspects of the problem. What follows is a description of the test setups, the users requirements and the further plans of the CMS Tracker community on the oncoming developments and the future expectations of the Controls system.