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## The CMS Tracker Detector Control System

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The CMS Silicon Strip Tracker is by far the largest detector ever built in this technology, with an active surface of of 206 m2, 9648128 readout channels on 75376 APV front-end chips, 15232 silicon modules, built out of 24328 sensors. The Tracker Control System (TCS) is a distributed control software to operate ~2000 power supplies for the silicon modules of the CMS Tracker and monitor its environmental sensors. The TCS receives information from about 103 environmental probes (temperature and humidity sensors) located inside the detector volume and driven through the Programmable Logic Controllers of the Tracker Safety System (TSS), 105 parameters read out via the data acquisition system from dedicated chips in the front-end electronics, and 105 parameters from the power supply modules. Such information is monitored, evaluated and correlated with the detector layout; actions are taken under specific conditions; the system includes 10 PCs and 10 PLCs that are continuously running the necessary control and safety routines. The DCS is a fundamental tool for the Tracker operation and its safety; the first operation experience will be presented at the conference.

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