

## 5 Challenges Securing the LHC

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The Large Hadron Collider (LHC) at the European Organization for Nuclear Research is a unique one-off prototype within the particle physics community. The accelerator itself and its attached experiments are development, managed and operated from a world-wide community of physicists, engineers and technicians. As such, “one-off prototype” and “world-wide community” plus the general attitude of an academic environment present particular challenges in securing the multitude of different control systems deployed for running the LHC and its experiments. This presentation will focus on the five most serious challenges and how they were overcome.

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