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CERN Accelerators Topology Configuration and Change Management

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The presentation will discuss the configuration and change management methods implemented for managing the topology ('layouts') of all accelerators at CERN. It will cover the use and purpose of hardware baselines for documenting accelerators and facilities and the interactions with the Layout Service. We will see that the Naming Service is an integral part of the configuration process throughout the lifecycle of the projects for building an accelerator and the accelerators exploitation. Mechanical Design, Manufacturing, Installation and Commissioning, Operation and Dismantling phases will all be reviewed to highlight the impact on naming, layouts, documentation and baselines.

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