

Managing physical configurations of CERN accelerators with Layout

Tuesday, 25 June 2024 09:10 (25 minutes)

The Layout platform is comprehensive centralised solution designed to manage the physical configuration of CERN facilities over time.

This platform aims to provide a unified, coherent, and controlled source for functional positions and their layouts by uniquely identifying the components, classifying their functions and core properties, assemblies and connections.

The platform is used across ATS to manage the past, present, and future configurations, accessible with a rich graphical web interface –the Layout UI. Over the last 20 years, Layout has evolved significantly, and now delivers a wide range of features and services used daily by many groups across CERN. This presentation highlights the main concepts and some of the major features of Layout.

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Session Classification: Engineering Design Tools and Processes