

# **METHODOLOGICAL ISSUE OF CAD MODELS MIGRATION IN CATIA V5**

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Compatibility of CAD platforms is the ancient bottleneck in computer aided product modeling technology. Various file formats and approaches of 3D geometry creation and representation using in different CAD packages cause necessity of development of methodological issue of models migration.

In European Organization for Nuclear Research (CERN), Geneva, Switzerland, main CAD database was built on Euclid platform. While possibility of Euclid doesn't responds to nowadays requirements of modeling of large assemblies, it was approved to move in CATIA V5 which is much more strong platform among the nowadays CAD applications.

Report describe models migration methodology based on the compatibility of neutral project tree. Also results of migration of more than 2'000 Euclid models from CERN CAD database were presented.