

DESIGN AND FIRST IMPLEMENTATION OF A VACUUM DATABASE FOR LHC MAIN RING AND TRANSFER LINES.

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During the construction of LHC, much information about vacuum equipment is scattered at different levels and activities have to be shared and not duplicated. To gather this data, a completely new database is designed, in relation with other existing databases and personal data storage. An inventory and analysis of the data required by the users has been done. Disparate types like history of existing equipment, coming from an existing Oracle Database, test results, drawings and studies need to be stored. Different groups of people are involved and a user interface will provide access to an overview of LHC activities for the vacuum group. This paper presents the results of the analysis of the user requirements and some ideas how to implement them.