



Sample Project: PLC+HMI development for electrical installation

Code	EN512
Programme	FCT
Department	EN
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Title
PLC+HMI development for electrical installation

Description
<p>The Project consists in migrating the software application from an obsolete version of 3 Schneider HMI's (Type MAGELIS), now out production, to the newest version of HMI, to be used for the CERN electrical AutoTransfert automatism, which assures automatic source switch-over from French to Swiss Grid in case of CERN major power loss on the French side.</p> <p>A second part of the Project foresees hardware and software consolidation of 3 PLC Schneider (type Premium) responsible for the heating and ventilation of LHC main electrical substations. The project consists in a reverse engineering exercise from the code implemented to the definition of a Functional Specification and in PLC/HMI code development, installation, tests and commissioning.</p>

Skills
Automation and control systems programming

Disciplines
Electrical Engineering

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