Sample Project: PLC+HMI development for electrical installation

Code	EN512
Programme	TRAIN-PTES
Department	EN
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Title

PLC+HMI development for electrical installation

Description

 The Project consists in migrating thesoftware application from an obsolete version of 3 Schneider HMI's (Type MAGELIS), now out of 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 losson theFrench side.

 A second part of the Project foresees the upgrade from PL7 Pro to Unity software platform of 3 PLC Schneider (type Premium) responsible for the montoring of the electrical powering of electronic racks in ALICE Experiment. At the end of this upgrade, the trainee willbe responsiblefor the migration of several obsolete HMI's installed in the electrical safe rooms of the 4 LHC Experiments.

Skills

 Auotmation and control systems programming

Disciplines

Electrical Engineering

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