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SP3: CONTROL AND NETWORK SYSTEMS OF TARLA FACILITY

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The control system is a central part of accelerator facilities which provides the connection between hardware and the operators. TARLA (Turkish Accelerator and Radiation Laboratory in Ankara, http://tarla.org.tr) control system which is being developed in EPICS (Experimental Physics and Industrial Control System) framework is designed to run accelerator and supervise auxiliary systems. It covers all aspects of an accelerator system such as high voltage control, beam diagnostic, vacuum, data acquisition and analysis, graphical interfaces etc. The aim is to create fast and reliable control system. Installation and commissioning keep going step by step and once the first beam produced, upgrade and bug fixing studies will continue on control system.

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