
ABSTRACT

Internet technology present with communication technology growth fast. The popular service in internet is website, a site contain information and data that can interaction with client. Internet technology also support with control technology as example the implementation of PLC in teleoperation system. Teleoperation is controlling system over a distance, where the disappear by operator.

PLC created to eliminated traditional relays based machine control, because relays based control cumbersome, limited lifetime, and complex wiring problem. PLC more dynamic, flexible, and have ability to integrate with telecommunication technology.

The effective and efficient production process make possible to operator operate more than one process production process. Because of that, there is need a system to support the operator duty. In this final project we implement a teleoperation system.

The teleoperation system use PLC as controller to the object and website as media. Through website operator can monitor and control the object. Monitoring and controlling the electric current for load in a room. Operator can see the object status (from where the current from, and load have true current or not), and cut or connect via website.