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Project Title   : The Retrofit Experimentation Set PLC FMS 50 and SCADA
                  System Controlling Development
Major Field   : Mechatronics Engineering
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Abstract

The purpose of this Project is to retrofit experimentation Set PLC FMS 50 and develop controlled by SCADA System. The purpose of this project is check and retrofit experiment Set PLC for working   and   design   controller through the computer   screen with the SCADA . There are two operation modes. 1. Operate mode command manually (Manual)   2. Automatic   mode (Automatic). There   are   control working with command and display though the computer screen.

The result from the Retrofit Experimentation Set PLC FMS 50 and SCADA system   controlling   development is found that is experiment can work   follow to   the   user. Both operation modes are implement by PLC and SCADA can be able to moving and working according to actual situation of systems. From   assessment by five experts. The results showed that experts evaluated   the   Retrofit experimentation Set PLC and develop controlled by SCADA System would be in good level of criterion and Average of 4.44