Abstract

The aim of this research work, is to report on the interface between a SCADA system and the user of that system. The paper also aims to describe how a SCADA system helps people supervise and control electromechanical installations. The electromechanical installations of the water supply network of Athens city, are also described in this project. There is also a description of some devices, who play a vital role in the operation of the installations and the telemetry that takes place via SCADA. Examples of such devices are PLC, inverter, measuring devices and more. Lastly, SCADA systems are reported on, in a general point of view and in a more specific one, this of the handling of a water supply network.

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**Index Terms**

Computer Science

Information Sciences

**Keywords**

Supervisory systems, scada implementations, water network control, flow control