

Abstraction

Programmable Logic Controller (PLC) is a tool used to replace a series of relay circuit contained in conventional control systems. PLC works by observing the condition of input via associated sensors and processing as well as action in accordance with the conditions of their input, which is a turn on or turn off the output (logic 0 or 1, alive or dead). Typically a user makes a program called the ladder or ladder diagrams which in turn will be run by a PLC.

PLC devices are widely used in general industrial applications and programmed via a PC connected directly to the PLC but the final project is intended for a PLC can be programmed remotely through the PSTN network. A laptop equipped with the interfacing side programmer visual basic 6 that and be able to give instruction to transmit the opcode ladder. Connections established through telephone network. Who's side are PLC ATMEGA microcontroller 128 is able to detect an incoming call, and gave the order to receive the call. PC Connection side programmer and PLC awakened, ladder opcode was transmitted.

It can be concluded that the PLC can be programmed remotely through the telephone network.