

DEVELOPMENT OF A COMPUTER-CONTROLLED SECURITY GATE SYSTEM

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Abstract

In most organizations, security tools are still far below sophistication since almost primitive tools are being used to safeguard lives and properties. This paper presents a prototyped computer controlled security gate system. The system was interfaced for control purpose to the computer through the digital computer's parallel port. The developed system consists of improvised electromechanically controlled software written in Borland Delphi 6 Programming Language. The model was configured to depict a typical security gatepost while the control software allows trained security personnel to have remote view of the automobile's boot, plate number and to control the automobile's exit and entry through the system interface box. The developed model showed how sophistication could be achieved on security gatepost with a great deal of cost benefits from reduced labor force.

Pages; 1-6
