ABSTRACT

Programmable Logic Controller (PLC) is a unit that is specifically designed to handle an automatic control system on industrial machines or other application . Simply put in the CPU PLC (Programmable Logic Controller) can be described as a collection of thousands of relays . But it does not mean that in it there are many relays in a very small size , but in the PLC provides digital electronic circuits that can be enabled. Multimedia Tools is designed due to a lack of tools and lab materials PLC . And therefore the design of these tools in the form of animated multimedia traffic signs with 4 intersections that will be controlled by the application of simulation software Festo products are CoDeSys V2.3 . The design of the I / O simulation software on CoDeSys V2.3 affect multimedia animation tools and when I / O is correct and appropriate, traffic signs will be running and functioning properly .

Keywords: PLC, Multimedia Tools, CoDeSys V2.3