

Automation and supervision web of overhead cranes

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Abstrak

ABSTRACT

Automation is seen as the stage of technical progress of technical devices which appear likely to assist the man, not only in his muscular efforts, but also in his intellectual work of monitoring and control. Supervision is an industrial technique for monitoring and computer control of automated manufacturing processes. Supervision for the acquisition of data (measurements, alarms, returning from working) and process control parameters generally outsourced to PLCs.

The project's goal is to make supervision PcVue using ?WebVue? and also realize a supervision Web using Google Web Toolkit (GWT) from java or .Net (For OPC), pages supervision accessible from a web navigator (Internet Explorer, Firefox, ?) for controlling the layout and supervision of the automation system. The model will be driven by Allen Bradley SLC500.

For supervision web using PcVue-WebVue, we managed to achieve the objective laid. We have carried out the supervision of overhead cranes with success. For supervision web using Google Web Toolkit (GWT), we have taken on new technologies. Unfortunately, we could not achieve the objective laid. This is because we lack our knowledge of programming languages. Indeed, the problem started with new tools is along initiation (information retrieval, handling possibilities ...)