## A SYSTEM USED TO MONITOR AND CONTROL THE PROCESSES

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**Abstract:** The paper presents the architecture and the functionalities of a system which allows the monitoring and the controlling of the automation of the industrial machines, which build PVC (Polyvinyl chloride) profiles and cut them at variable lengths. The most important advantage of this type of systems is the accessibility. The Client application can be executed from any computer connected into the LAN (Local Area Network), where the system is installed.

Key words: PLC, monitoring, control, network.