



A software application for managing and optimization of industrial processes through the use of statistical process control

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The main goal of most organizations, no matter of their nature, object or size, is to be competitive as possible on the market, a crucial factor in ensuring a long operating duration. Managing and providing a better view competitiveness can not be given unless we use some statistic models. This models' variables follow closely each step of the process. If in the past years the issue of the control managing of a process wasn't seriously taken into consideration, today more things like more pretentious customers or the growth of the competitiveness level on the products and logistics market, made almost all companies to hire people, especially for the control of the quality. They have to check not only the final products but also the intermediate stages of the process. The aim of this paper is to offer a very useful alternative to the quality control of some services and processes using a unitary software application meant to help many specialists in quality checking field.