ITS TIME FOR - QUALITY 4.0.

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4.5% of the world's certificates are in the Information Technology sector. A little or a lot? Enough to say, IT is taking care of QMS.

What would QMS digitization mean?

− To control the quality parameters through / with the help of IoT (field measurements are directly carried out by "quality databases")

− To digitize measurement of other parameters, especially KPI

− To automatically carry out statistical methods (statistical process control, control charts, etched diagrams, etc.), using tablets and phones in production facilities

− To conduct training for QMS (internal trainings, etc.) at a distance, by allowing each employee to approach the training when it suits him most, test himself and automatically get the answer if he has "past" and his company file would be updated by a certificate

− To monitor the parameters of technological processes on-line (temperature, flow, vibration, passage, rotation, etc.), which are of interest for "quality assurance and quality measurement"

− To base the building of the strategy for the future development of the company, on "achieved performance and cost of quality", which must be available in electronic form in each moment and which must have the option of "forecasted performance and cost of quality" in the medium and long term

− "Quality results" must be publicly communicated, for which, almost exclusively, electronic media and electronic means of communication are used.

Does the number of certificates decrease due to massive amount of paperwork, i.e. - will digitization improve the image and increase the number of certificates, is just one of the issues discussed in this paper. A short answer, at the summary level, is that there are arguments that lead to the conclusion that they will. One argument is an increasing number of software packages - the author has found 196 software packages.

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