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INFORMATION TECHNOLOGIES IN APPLICATION OF INTERNATIONAL ISO 9000 STANDARDS

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Annotation: *The article discusses an overview of ISO 9000 standards, the possibilities of improving quality management processes using information technology tools, and the impact of the joint integration of these two factors on the efficiency and competitiveness of organizations. The combination of ISO 9000 and information technology enables organizations to adapt to market demands, automate processes, and effectively manage risks.*

Key words: *ISO 9000 standards, quality analysis, automated processes, cost savings, adaptation to customer needs, risk management.*

Modern information century enterprises and of organizations effective performance quality management systems with closely depends. International ISO 9000 standards, quality manage processes in order company product and of services quality to increase help gives That's it with together, information technologies ISO 9000 standards effective current in reaching important role plays This ISO 9000 standards in the article and information of technologies integration, this two of the field mutually effect and their organizations in the activity importance analysis will be done.

ISO 9000 and information of technologies harmony to organizations market requirements adaptation, processes automation and risks effective manage opportunities present is enough It's both of the factor integration of the organization digital transformation process accelerates and quality manage optimizes the system (QMS) [1,2].

ISO 9000 quality management system international standard as current to be done to companies market requirements in adaptation help gives Information technologies with integration while this the process to automation possibility gives Data digital in the format manage and again work market changes fast answer return and quality requirements right to observe help gives [3,4].

Information technologies with ISO 9000 together quality management in systems processes automation provides. An example for, process monitoring, reporting preparation, audit and inspections transfer such as tasks through IT automation can Not only that the time saves, maybe a person mistakes reduce the processes accuracy increases.

Of ISO 9000 important from the elements one this risks is management. Information technologies using risks evaluation and manage processes more precisely and real time mode done is increased. Data analysis to do and important indicators watching to go through organizations risks in advance prophecy to do and effective manage possible have will be [5,6].

ISO 9000 and information of technologies harmony digital platforms and tools through good quality and sure data to collect provides that while decision acceptance to do process optimizes. Such systems real time mode sure data present is enough and to the leadership fast decisions acceptance to do help gives.

ISO 9000 organizations continuously improvement demand does Information technologies this the process Supportive and fast respectively new methods and approaches current reach enable gives Information technologies using quality monitoring and analysis to do processes It is automated while quality indicators constant respectively to improve take will come.

ISO 9000 documents right storage and to manage demand does Information technologies through of documents electron versions create them fast access and control provide opportunity there is will be Documents manage systems all processes monitoring, audits preparation to see and compatibility in confirmation help gives.

ISO 9000 international standards family quality management systems (QMS) introduced reach and improvement according to instructions gives These standards are international in 1987 standardization organization (ISO). work developed to organizations effective management processes to install help gives in the ISO 9000 family main standards of the following consists of:

ISO 9000: Quality management to systems about main terms and principles determines.

ISO 9001: Quality management systems for requirements, especially the certificate get for main standard is considered.

ISO 9004: Organizations efficiency to increase directed instructions own into takes.

ISO 9001 to organizations product and service quality of management effective system in creating help gives It is permanent improvement principles application, processes optimization and customer requirements suitable products delivered to give directed.

Information technologies ISO 9000 standards current reach and support in the process important role plays Modern information technologies tools to the requirements of ISO 9000 suitable respectively quality management automation, information analysis to do and process monitoring opportunity creates That's it through the following advantages provided :

1. Data management: ISO 9001 certification in the process big in volume data again is processed. information technologies tools this information manage and safe in storage effective solutions offer does

2. Quality analysis do: Information technologies using product or of service quality in real time monitoring mode and analysis to do opportunity there is. Of this as a result defects fast detected and fast measures will be seen.

3. Automated processes : ISO 9000 requirements perform for necessary has been many processes automation can For example, quality control to do according to reports, customers complaints note reach and analysis to do processes information technologies using simplified.

ISO 9000 standards and information technologies integration organizations for many advantages brings:

Savings: Procedures automation through time and resources savings opportunity appear will be

Customers' needs adaptation: Customers requirements learning and to them fast answer give, information technologies using significant level will improve.

Risks Management: ISO 9000 and information technologies together to organizations risks fast to determine and them manage enable gives

Processes transparency: An Information technology of the organization all processes watching to go and analysis to do enable gives, this while transparency and efficiency increases.

ISO 9000 standards and information technologies integration organizations for big opportunities creates Information technologies using

quality management systems automation, data analysis and processes observation processes simplified. As a result enterprises product and services quality well, the market requirements adapting to go possible have will be That's it with together, Information technologies and ISO 9000 standards harmony in organizations competitiveness increase and international to markets on the way out important factor will be.

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