

**USE OF INFORMATION SYSTEMS TO STRENGTHEN FINANCIAL CONTROL
BASED ON REMOTE CONTROL AND RISK ANALYSIS OVER THE USE OF BUDGET
FUNDS**

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Annotation: The article describes in detail the systematic analysis of the use of information technologies in the strengthening of financial control based on remote control and risk analysis of the use of budget funds, the stages of their implementation and possible problems.

Keywords: financial control, risk analysis, information technology, artificial intelligence technology, machine learning, big data.

Introduction. The state budget, as the main financial document of the state, serves to ensure public welfare and economic stability. Correct and targeted spending of budget funds, orientation to the main directions of state policy is one of the main indicators of the effectiveness of state administration. Therefore, establishing strong and effective control over the use of budget funds will lead to the stability of public finances.

Today, many developed countries have switched to remote control methods to implement rapid and effective control, which, in addition to reducing audit time and costs, creates the basis for achieving high financial efficiency by identifying, assessing, and managing potential risks in the control organization.

Remote control state organs financial activity control to do for from information and communication technologies used in case to do is increased. His main purpose, state reasonable and targeted use of budget funds provision and corruption ahead is to get Risk analyses and financial dangers assessment and in advance to determine in view holds It is financial decisions reception in doing important to the point owner is, financially stability provision for it is necessary.

Remote control and information in performing risk analyses replace the systems important to the point earns. Financial data collection, analysis and reporting processes are automated through these systems. This serves to increase the efficiency of financial control. Information systems can be seen as the main means of modern financial control.

Through the method of remote control, it is possible to monitor, analyze and evaluate the activities of state bodies from a distance. Remote monitoring is aimed at ensuring targeted spending of budget funds and increasing transparency of financial operations.

Remote control to do in progress one row opportunities there is This method financial the information fast and exactly to observe possibility gives control as well in the process human

factor the effect reduces. However, this the method to do in progress personnel lack of infrastructure enough absence and information related to security problems appearance to be can, and these problems elimination verb for information from systems use culture increase and perfect infrastructure creation necessary.

Remote control budget funds effective spending in providing plays an important role. This method of budget funds through which one in goals allows you to quickly determine what is being spent and the shortcomings that are being made.

Risk analyses financial of control the most important and necessary from the elements one is considered Budget funds effective management for risks correct assessment and them elimination verb necessary. Financial of control main task state budget of funds to dangers shower not coming from providing consists of Risk analyses state and private in the sector financial decisions reception in doing wide is applied.

Risk analysis importance is that they are financial activity further to stabilize and financial dangers to reduce service does. Financial risks analysis to be done of budget funds through purposeful spending provide, financial in the system problems early detection, prevention to take and them elimination verb can. and also risk analysis financial control the process improvement and his/her efficiency to increase possibility gives.

Risks determination and assessment the process of risk analysis main from the stages one. This process is related to budget funds. dangers to identify them assessment and them elimination verb measures to see necessary. Risks determination in the process state bodies and financial of institutions activity analysis will be, information gathers and based on them analyses will be held. Risks statistical and in assessment economic indicators, financial reports and other from the data is used. Har one risk possible its effect, its financial to the results effect and his/her ahead to take measures seeing will be released. Risks assessment in the process information of ministries and agencies integration of systems and databases into a single system through what is the information analysis to do and assessment will be automated. And this of analyses accuracy and reliability to increase service does.

Financial decisions reception to do risk analysis in the process through taken information and analyses based on financial plans will be made, budget funds effective usage is provided and state financial stability is achieved. Also risk analysis based on financial control in the process changes introduction maybe this. and of control efficiency to increase directed.

Information systems financial under control wide applicable modern from the means one is considered theirs types many is among them financial management systems, risk analysis systems, remote control systems and others exists. Every one system his/her own special tasks to perform intended and budget funds through them effective management and control to be done is provided.

Financial management systems budget funds management, financial operations automation and reports preparation processes simplifies. Risk analyses systems and financial dangers evaluation, analysis to do and them elimination to do directed. Remote control systems of budget funds purposeful spending from a distance standing up monitoring, control to do and to evaluate possibility gives.

Information systems through financial the information collection, analysis to do and report to give processes of automated work financial of control efficiency increase, human factor the effect reduction and financial of operations transparency to provide possibility gives.

Information systems current to do process big preparation demand does. In this process information systems for necessary infrastructure create personnel preparation and them to work with systems teaching as well as information security provision to the issues attention to turn necessary.

Information systems current to do process from several stages consists of to be possible.

First in phase information systems for necessary infrastructure will be created and personnel is being prepared.

Second in phase information systems current will be done and from them use according to qualified specialists is being prepared.

Third in phase information systems efficiency is evaluated and necessary in cases them improvement measures is seen.

Information systems current to do in the process information for your safety big attention to turn necessary. Information in systems preserved information confidential and reliable to be Also, information is needed from systems in use human factor the effect reduction and systems automation necessary.

Remote under control information from systems of use main opportunities from the following consists of: financial the information automation of data accuracy and reliability raise, financial of operations transparency provision, risk analysis processes facilitate and automation. These are opportunities financial of control efficiency to increase help gives.

Risk analyses in the process information systems through statistical and economic indicators, financial reports and other information collected, analysis will be done and is evaluated. This is the data based on risks determination and them elimination verb measures seeing will be released. Information systems risk analysis the process facilitates and his/her efficiency increases.

Information systems stability and efficiency increase state financial control of improvement important is a factor. Information systems effective activity management for their stability, safety and reliability provision necessary. Information systems stability and efficiency increase according to one row proposals as follows:

- **Information security provide:** Information in systems preserved of information confidential and reliability provision for security measures reinforcement necessary. This for information for your safety due modern technologies and from methods use demand will be allowed.

- **Systems modernization:** Information systems efficiency increase for them permanent by modernizing it go, modern equipping with technologies and their functionality expansion necessary.

- **The staff preparation:** Information from systems effective use for experts preparation and them to work with systems teaching necessary. This for information to systems due special trainings and courses organization to do possible.

- **Systems integration:** Information systems to integrate with each other, that is their mutual dependence provision important to the point owner. Through this of information one from the system second to the system to pass facilitate and their functionality increase possible.

Remote control and information systems based on financial of control advantages from that through them financial control processes will be easier and his/her efficiency increases. Today, the types of information systems and technologies used in the implementation of financial control are listed below:

1. **ERP (Enterprise Resource Planning) systems** provide an integrated platform for managing all of an organization's resources. In order to implement financial control, these systems centrally store and analyze budget, reporting, and expense information. ERP systems automate business processes automation and them control to do the opportunity gives.

2. **Business intelligence (Business Intelligence) tools** financial the information analysis to do and decision reception to do in the process effective information to take for BI tools are used. through organizations own financial visualization of indicators, various reports preparation and future dangers to predict in advance to the possibility owner They will be.

3. **Risk management systems (Risk Management Systems)** financial dangers determination, evaluation and them management for is used. Risk management systems through organizations various from dangers protection strategies work they will come out and their to do increase control they do.

4. **Financial data is collected and statistically analyzed using financial data analysis platforms (e.g. SAS, R, Python).** These platforms identify financial risks and improve decision-making.

5. **Blockchain technologies** through financial operations transparency and security is provided. of the blockchain distributed register through all financial operations writing will go and their honesty is provided. This technology is financial control in reinforcement and to fraud against in the fight effective tool as service does.

6. **Compound models and scenario analyzes (Ensemble Models oath Scenario Analysis)** through future risks are predicted and to them against measures to see for various scenarios work will be released. These are models financial control in the process dangers determination and them reduction for effective tool is considered.

Information systems financial under control effective tool although - them in use separate problems to the surface arrival can For example :

- **Confidentiality of information:** Information in systems saved information cyber security due to its confidential nature measures reinforcement necessary.

- **Integration issues:** Information systems current in doing various integration problems between ministries and agencies to be It is possible. solution to do for systems mutual compatibility provision need.

These problems solution for organizations information systems current in verb on information security policies work speeches and all ministries and agencies between compatibility their provision necessary.

Information systems and modern technologies financial control in reinforcement important tool is considered Through them of information correct meeting, analysis to be done and of dangers in advance detection is provided. Financial organizations and companies this from systems use through own financial their activities transparent and effectively manage they get Information technologies and systems application as a result financial control better quality and safer to do will be increased, this and of organizations stable to the development help gives.

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