IMPROVING THE IMPLEMENTATION OF AUDIT INSPECTION ON THE BASIS OF SOFTWARE

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Abstract

This article is devoted to the issues of improving the audit process on the basis of modern software, which provides recommendations on the advantages of automated software in the provision of audit services, their functionality and their effective use.

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INTRODUCTION

Today any audit organization is in great need of automation of its activities. Modern types of audit software allow you to create a database and generate audit reports of varying complexity based on the formed database, as well as help to avoid errors in the audit, save time and quickly obtain the necessary information. It is preferable to purchase a specialized software product from professional firms with extensive experience and reputation in automating audit audits, licenses and quality certificates for the software being sold. When choosing a program, it is necessary to take into account what audit organization and what audit objects it is intended to examine, or to what field it belongs.

International standard of audit "Internal control and audit risk assessment taking into account the characteristics of the computer information environment" and international auditing standards "Methods of computerized audit" The auditor should have sufficient knowledge of the computer system to analyze, monitor, and ultimately draw conclusions and interpret".

In the research of economists A.N. Romanov and B.E. Odintsov in the field of audit automation, the process of audit automation is divided into two groups: the process of automation of the audit process and the automation of additional professional audit services. illuminated in terms of The research of other Russian economists L.F. Lukyanenko and I.I. Boychuk provides some practical aspects of the procedure for performing audit operations on the basis of audit software.

It is clear from the above research that to date, the issues of conducting auditing activities on the basis of software types have not been studied in detail as a whole scientific work, especially in this regard, research in the official Uzbek language has not been done enough. In this regard, it should be noted that the Resolution of the President of the Republic of Uzbekistan dated September 19, 2018 No PP 3946 "On measures to further develop auditing in the Republic of Uzbekistan" Audit» software package, in accordance with which the" Audit» software package was developed and put into practice, which provides for the creation of a web-service" Personal Cabinet of the Audit Organization»and" Personal Cabinet of the Public Association of Auditors».

ANALYSIS AND RESULTS

In our view, an audit in a computer environment is "the process of using computer software at the planning, conducting, and completion stages of an audit". Today, surveys and analyzes of the use of information systems in auditing show that insufficient use of special software in the audit process.

The procedure for using automated software in auditing is reflected in the following documents of the International Committee of Auditing of the International Federation of Accountants:

1. ISA "Auditing in a computer information systems (CIS) environment");

2. ISA "Risk assessment and internal control (CIS) characteristics and considerations"), entitled "Internal control and audit risk assessment taking into account the characteristics of the computer information environment";

3. ISA "Computer assisted audit techniques".

In the current global audit practice, along with office programs, regulatory information systems, accounting software, financial analysis software, special types of audit software are widely used (Table 1).

Table 1

Applied in international auditing practice types of software[*]

№	Software	The purpose of the program	Manufacturer	Year of publication
1	AuditNET	Automation of auditing activities	"New effective technologies"	2009
2	IT AUDIT : Auditor	Complex automation of audit	"Master-soft" LLC www. audit - soft . ru	2005
3	AUDIT XP "Complex Audit"	Automation of auditing activities	Goldberg-Soft Company www. auditxp . ru	2005
4	" Express audit: PROF	Integrated system of audit automation	"Termika" NP Baryshnikov consulting group. www .termika.ru	2004

[*]Prepared by the author

Types of software created in Uzbekistan				
5	AUDITSOFT	Commercial banks and businesses are designed to automate internal audit services and audit companies	Chamber of Auditors of Uzbekistan (Karimov N.F.)	2007
6	Audit Sampling	It is intended for the audit of credit activities of commercial banks and the activities of branches of the Central Bank	Saxobov O.U., A.A.Bubnov	2008
7	First-Audit	It is designed to conduct internal audits of commercial banks and large manufacturing enterprises	Karimov J.F., Karimov X.X.	2010

In our opinion, due to the complexity of the tasks to be solved in the automation of auditing activities, the effectiveness of software application is in many respects directly related to its implementation and training of users. The research revealed that in the current audit practice in Russia and developed European countries, the most professional software tools such as AuditNET, ITAUDIT: Auditor, AUDIT XP "Complex Audit" and "Express Audit: PROF" conduct quality inspections in a short time and on a regular basis. In addition to the above international programs, "for example, in Russian auditing practice, Russian audit organizations widely use such programs as" Finnish inform-audit "," Assistant auditor "," Assistant auditor "," Effect auditor "and" Audit standard ". However, in our opinion, at present, the above-mentioned programs are not used effectively and purposefully in the audit practice of the Republic due to the following factors (Table 2).

Table 2

Factors influencing the non-use of audit software during the audit process[†]

Type of factors	The content of the factors (causes)
General network	– Underdevelopment of this market at the initial stage of audit activity; – Limited ability to fully document the audit process and the need to form a professional opinion, as well as the specifics of the required audit activities; – Incomplete computer literacy of auditors; – Complex formation of the audit process; – The regulatory framework of auditing is very complex and large; – Lack of a unified approach to auditing in practice; different results are obtained during the inspection; – Existence of various complexities in the preparation of the auditor's report; – Increasing the volume of audit services in the field as a result of the transition to auditing at the level of international standards; – Strengthening internal and external control over the quality of audit services provided;
Technological	– Application of various accounting software by the audited entity; – Features of the audit service (mobile) with visits to the client-enterprise facilities; – The clients of audit firms specialize in different fields. This is due to the

[†] Prepared by the author

fact that in the context of changing legislative requirements, it is not possible to adapt automated audit programs to the characteristics of the activities of different audit entities.

‒ The need for auditors to study different software in order to master the software databases used by clients;

- Confidentiality of audit results and compliance with security requirements;

- Limited access to electronic archiving of working and final inspection documents using electronic digital signatures.

All of the above factors are necessary on the one hand for the development of automation as a means of improving the quality of services provided in the field of audit, on the other hand, are the subject of controversy between auditors and software developers. It should be noted that no software can replace the auditor. However, in the process of audit, it is advisable to use the capabilities of specialized audit software to the extent possible.

Table 3

Comparative analysis of the functional capabilities of automated audit programs at the stage of planning the audit[‡]

Planning	IT Audit: Auditor	ExpressAudit: PROF	AuditXP "Complex Audit"
Initial planning	Available	Available (Customer Information Working Paper)	Available (Client Business Understanding Working Paper)
Automated archive of inspections (audit working papers)	Available (it is possible to access the archive through the database service module)	Available	Not available
Ability to assess audit risk	Available (working paper "Determining and assessing the conditions of occurrence of integral risk of financial (accounting) reporting")	Available (the program provides such a functionality)	Available (Working Paper Automated Quantitative Risk Assessment)
Ability to evaluate the effectiveness of the internal control system	Available (only at the basic stage of inspection)	Available (Working Paper "Protocol on the evaluation of the effectiveness and reliability of the accounting and internal control system")	Available (Working paper "Accounting and internal control system risk", automated quantitative assessment)
Ability to assess audit risk	Available	Available	Available

[‡]Prepared by the author

Determining the level of materiality, the ability to distribute it on the balance sheet items and accounts	Available ("Significance level module" module, automated calculation method for accounts and business transactions)	Available (Working Determination Significance)	Available ("Determining the overall level of materiality", working document on the automated distribution of importance by elements and balance items)
Ability to retrieve customer information from an accounting database	Available (obtaining accounting records from the customer database)	Available (only balance sheet and financial results report available)	Available (accounting information is uploaded to the program)
General plan of inspection	Available (Audit Plan working document (you can select audit departments from the reference)	Available (Audit plan is automatically generated based on the audit program)	Available (Audit plan is automatically generated based on the audit program)
Creation of working papers on each audit activity	Available	Available	Available
Ability to conduct a quick audit	Not available	Available	Not available
Ability to control the quality of the auditor's work	Available (you can enter a checklist for each action in the audit program)	Available (via comments and comments on audit objects)	Available (a separate block is provided based on the results of the inspection)

Due to the complexity of the task of automating the audit activity, the effectiveness of the use of software depends mainly on its implementation, user training, adaptation of the development and methods of the audit firm to the new software product.

In our opinion, a comparative analysis of the planning process of these programs was conducted to determine the possibility of using the above types of software in the audit practice of Uzbekistan (Table 3).

From the above analytical table, it can be seen that AUDIT XP Complex Audit has functional convenience and advantages over other programs. As a result of the research, it was concluded that the use of AUDIT XP Complex Audit software in auditing practice in Uzbekistan provides short-term and optimal procedures for audits. This is because the program is based on new generation technologies and has all the advantages of previous generation programs (for example, simplicity and ease of use, versatility, complex automation of data entry at all stages of the investigation and a wide range of data processing methods), as well as implementation in other programs. covering new features and technologies that are not possible.

Also, starting from January 2017, in addition to the working documents, a methodology for conducting audits in accordance with international auditing standards and a set of international auditing standards have been added to the program. This allows audits to be conducted in a single program based on national and international standards.

Research has shown that the advantages of AUDIT XP Complex Audit over other software are:

- the existence of a set of working documents used in the audit in accordance with international standards in a single program;

- Availability of software interface based on new modern technologies;

- Ability (universality) to work with all audited entities in a single database;

- Simplicity and accuracy of the program speed, level of movement and usability;

- integration of different forms and methods of audit methodology;

- the breadth of access to the program outside the audit firm through a single network or the Internet;

- The program does not require independent adjustment and improvement of inspection methods;

- has a modern interface and an understanding algorithm using intuition tools that allow you to easily and quickly learn to work with the program;

- The auditor has a complete set of working documents for all sections of the audit (for the stages of planning, inspection and completion of the audit) - it consists of more than 500 forms, operations, data sheets and reports;

- the audited entity has a comparative algorithm that includes the data of the accounting database with the data of the accounting database;

- Integration of methods of quality control of audit and analytical activities and methods of analysis of client-enterprise activities;

- allows auditors to summarize the results of all audit departments on a single computer selected without the use of network versions. However, the program does not limit the number of audited enterprises or the amount of their data.

- AuditXP "Complex Audit" differs from other audit software platforms by its functionality, the ability to control the quality of audit, the development of a standard audit methodology and the fact that the program is designed for at least one workplace.

The scope of the program is mainly aimed at automating the activities of medium-sized audit organizations, as well as individual specialist auditors. Its application allows to organize the work in accordance with the requirements of applicable international auditing standards and applicable regulations. AuditXP's Complex Audit program automates almost all day-to-day operations performed by auditors during inspections, which reduces the workload and the likelihood of errors, as well as reduces the duration of the audit while maintaining a high level of audit quality.

Audit procedures are performed using specially designed text, calculation and test forms, as well as using procedural forms. The internal editor audit procedures allow you to modify existing forms and create new ones. The program has the ability to completely change the audit process in accordance with the internal standards of the audit organization. The program also allows the distribution of responsibilities at all stages of the audit among the auditors to conduct audits of different departments, using portable

computers (laptops) to perform mobile work in the audited enterprise. Upon completion of the audit, the results are uploaded to the main computer of the head of the audit organization.

The program allows you to automatically analyze a set of data converted from "1S-Accounting", "Turbo Accountant" and other accounting software on the basis of a complete, random, monetary and stratified audit selection. redundant audit documentation forms, audit methodology, analytical data sheets and reports on all stages of the audit.

Due to the complexity of the task to be solved on the automation of auditing activities, the effectiveness of software application will largely depend on its implementation and training of users. In our opinion, it is advisable to establish a working group that will analyze the software capabilities in detail before applying the software to the audit process.

In our opinion, it would be expedient to include in this working group the head of the audit organization, the heads of audit working groups, the head of the internal control department and others. Also, after the decision of the audit organization on the possibility of using the software, a person responsible for ensuring the implementation of the following should be appointed:

- develop a clear procedure for conducting inspections in accordance with the capabilities of the software;

- retraining of employees in accordance with the inspection procedure developed on the basis of the software;

- ensuring that software capabilities are fully mastered by all auditors;

- the software as a test in audits ;

- ensure that the software is used by all employees of the audit organization during inspections.

In conclusion, the organization of audit services today on the basis of modern specialized software allows, first of all, to organize the work of all employees of audit companies in accordance with applicable law, international auditing standards and domestic standards.

CONCLUSION

Summarizing the above ideas on the organization of auditing activities using modern innovative approaches and types of software, the following conclusions were drawn:

1.   The results of the analysis show that we believe that the application of AuditXP Complex Audit software in the audit practice of Uzbekistan is highly effective due to the large number of functional advantages (advantages) over other programs and the possibility of using this program in remote audit processes.

2.   In our opinion, the best way to organize audits remotely in today's pandemic is the above-mentioned types of software based on modern IT technologies and currently widely used in financial analysis processes : "Audit Expert", "INEK - Analytical", "Alt - Finance", " Financial Analysis»and" FinEk Analysis».

3.   We believe that the automation of the audit process will reduce the duration of the audit service as much as possible, reduce the cost of the audit service, increase the

productivity of the auditor and his assistants, complete and accurate storage and analysis of client-enterprise data. and allows formatting without spelling errors. This lays the foundation for the correct and timely implementation of the audit service in accordance with the established sequence and timing.

4. In our opinion, based on an in-depth study of the advantages and functions of the types of audit software widely used in international practice, we consider the development and implementation of improved versions of these programs in the official Uzbek language, taking into account the specifics of Uzbek practice.

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