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**INFORMATION SERVICE OF MANAGEMENT PROCESSES IN  
«USBEKISTAN REAL WAY» JSC**

***Abstract:***

The article is dedicated to improving the management process of railway transport in the existing information space. For efficient operation of the railway industry of Uzbekistan JSC «USBEKISTAN REAL WAY», it is necessary to introduce innovative developments and quality information services in a timely manner.

***Keywords:***

Railway transport of Uzbekistan, informatization, digital economy, information technology, operational accounting process.

Organization of interaction between the systems, operated in the company, is the main focus, the main modern areas of information technology development in railway transport in “Uzbekiston Temir Yullari” JSC, in the situation, where most of the processes are automated and digital economy is implemented in all areas [1]. Technical, technological and software tools for the automation of accounting processes create the necessary logistical base, which is able to

influence performance indicators by electronical fixing and general automation of all information processes [5].

Modern Innovation and Investment Policy of the railway company is aimed at creating single information space, which should be a set of databases and banks of digital data. Modern technologies of economic and production processes informatization in JSC «USBEKISTAN REAL WAY», their management and use, information and telecommunications systems and networks should operate on the basis of common principles and using common rules.

Informatization of the entire production cycle should be implemented taking into account the formation of this single digital information space. “JSC «USBEKISTAN REAL WAY»” JSC<sup>1</sup> lags starkly behind advanced countries in almost all major areas of informatization: used software, number of personal computers, communication systems, download level of large computing systems, number of existing information systems, and most importantly, so far it uses outdated technologies of design, development and maintenance of information systems [2].

Successful work of such a technologically and technically advanced industry as railway transport is impossible without automation and informatization of major business processes. At present, a number of information systems is implemented and operated in technological transportation process, shown in figure 1 and involved in the automated traffic control system (ATCS-1).

As shown in the picture, planned automated traffic control system ATCS-2 is more integrated in part of optimization of obtaining digital information on core activity of “Uzbekiston Temir Yullari” JSC. Getting maximum effect by making better use of labour, intellectual and material resources in the process of transporting cargo and passengers must become the main goal [3].

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<sup>1</sup> Business plan of «USBEKISTAN REAL WAY» JSC 2019. - Tashkent, 2019-p.39. [www.uzrealway.uz](http://www.uzrealway.uz)

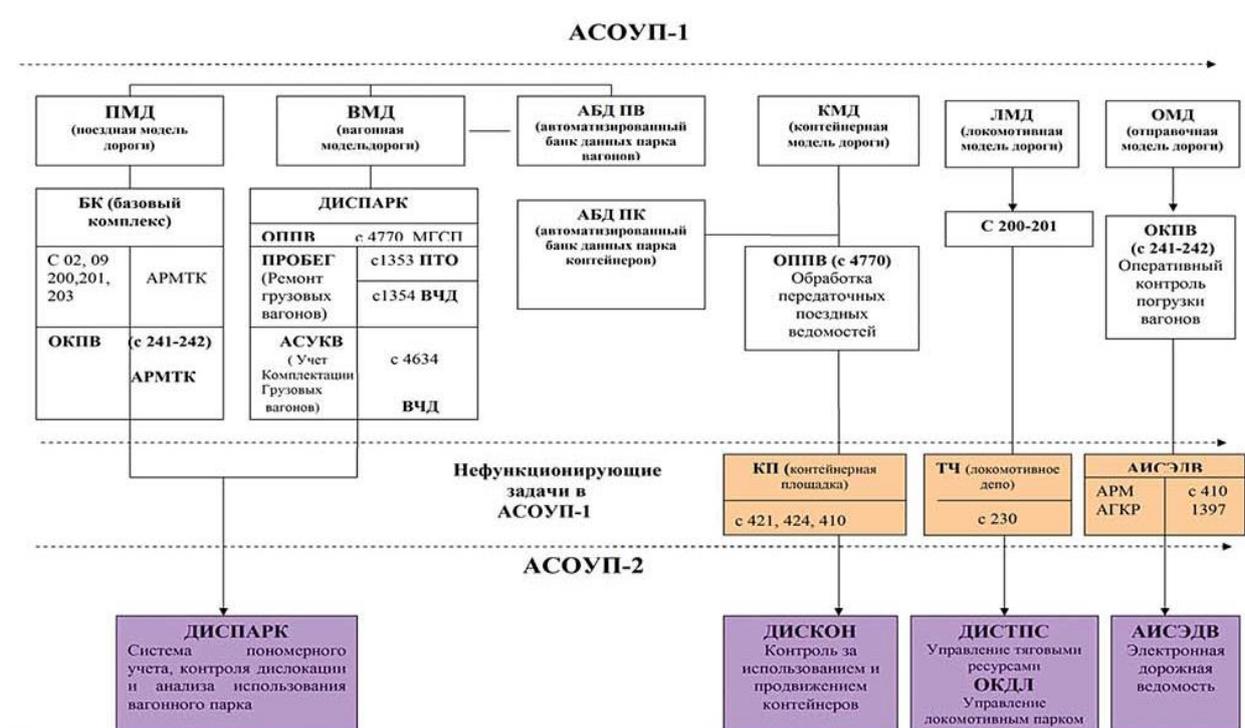


Figure 1. Scheme of Information links of ATCS-2 system<sup>2</sup>

At this stage of ICT development in “Uzbekiston Temir Yullari” JSC, organizing the interaction between operated systems is the main focus. All the variety of platforms and technologies, used in the development of information systems and software modules, must be combined, brought to a single format of interaction in order to minimize human interference in information exchange procedures between systems and databases [4]. To this end, we propose to use for accounting of financial, material resources and assets of structural units of “Uzbekiston Temir Yullari” JSC improved version of the program «1С. Enterprise 8.3», presented in fig.2.

<sup>2</sup> On the development of Information and Communication Technologies in «USBKISTAN REAL WAY» JSC / Information –analytical journal «InfoCOM.UZ». № 2, 2016. - p. 62-66. – Tashkent, 2016.

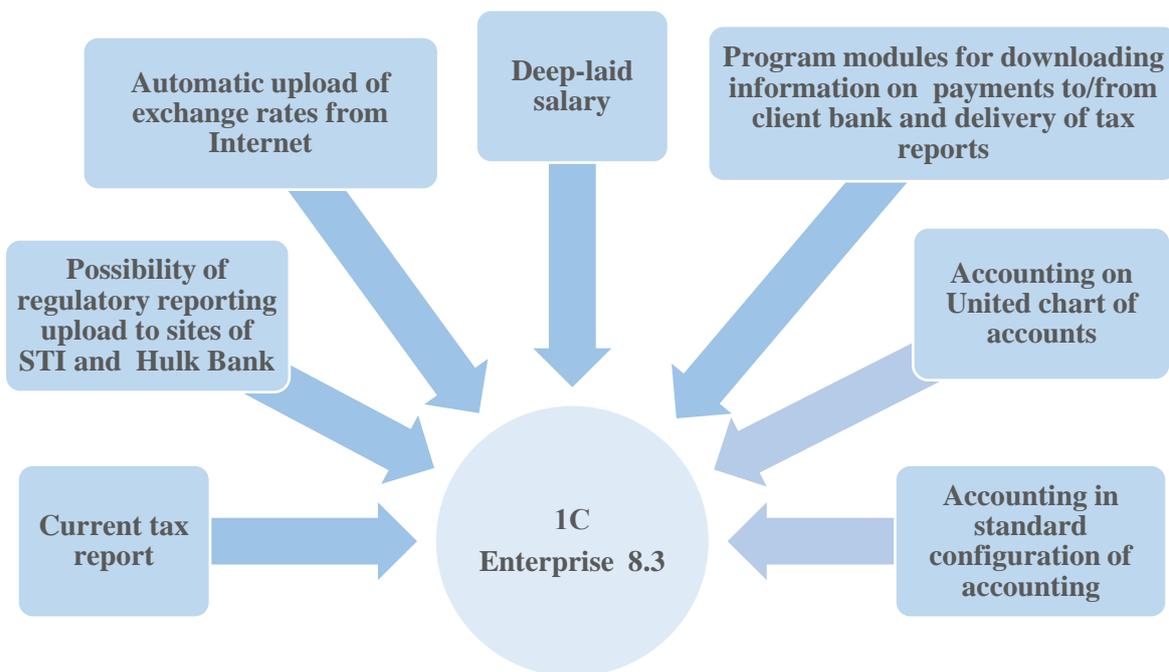


Figura 2. Results of processing of accounting information

Proposed system of digital processing of accounting of “Uzbekiston Temir Yullari” JSC financial resources by structural units will allow:

- to receive generalized operational information from all units of the company in a short period of time, to form consolidated reporting on both NAS and IFRS (in accordance with requirements), and to conduct operational analysis of the financial resources use;
- to synchronize work of different departments and organizations in the single information space;
- to increase the speed of data exchange between counterparties;
- to optimize "end-to-end" management processes in the company;
- to reduce labor costs by providing one-time input of the information and integrated electronic documents flow;
- to reduce costs of processing and finding information through the use of modern technologies, exclusion of duplication, labor-intensive operations, use of specialized and inter-industry data;

- to meet maximum the demand for accounting and reporting information by the state authorities and industry management authorities to make informed management decisions;

- to intensify and expand the demand for objective and up-to-date information from investors and other users of open information.

### **List of used sources**

1. The concept of innovative development of the Republic of Uzbekistan for 2015-2021. – Tashkent, [www.gazeta.uz](http://www.gazeta.uz).

2. Development strategy of JSC «USBEKISTAN REAL WAY» for 2019-2022. <https://www.railway.uz/uz/>

3. About development of Information and Communication Technologies in «USBEKISTAN REAL WAY» JSC / Information-analytical Journal «InfoCOM.UZ». № 2, 2016. - p. 62-66. – Tashkent, 2016.

4. Saidov M.Kh., Kenzhabayev O.T. The role of information and communication technologies in the development of the Republic of Uzbekistan // Modern information technology and IT education. 2016. №4. URL: <https://cyberleninka.ru/article/n/rol-informatsionno-kommunikatsionnyh-tehnologiy-v-razvitii-respubliki-uzbekistan> (Access date: 26.04.2020).

5. Tsindeliani I.A. Financial law in the conditions of digital economy development. Monograph.– M.: «Prospect », 2019 – 350 p.