Mashkarov Yu. H.,
Doctor in Physics and Mathematics, Full Professor,
Full Professor, Information Technologies and Management Systems Department,
KRI NAPA, Kharkiv;

Deineka A. A.,
Master’s degree student of the Master of Public Administration Faculty,
KRI NAPA, Kharkiv

STATE PENSION FUND REFORM UNDER INFORMATION SOCIETY

Problem statement. The reform of the pension system involves the use and improvement of modern information systems, the implementation of which will ensure the establishment of a mechanism that responds adequately and in a timely manner to economic, demographic, social and other issues that impede the proper functioning of the pension system.

The results of a theoretical analysis of models and classification of pension information systems, scientific approaches to their study may give some guidelines in developing the main directions for the pension system development in a modern state.

Recent research and publications analysis. There are quite a few analyses of literary sources devoted to the study of problems related to the theoretical aspects of pension insurance and the relevant foreign experience: M. Castells, Y. M. Kim, N. Martynenko, T. Kozak and others. At the same time, insufficient attention has been given to the research on the use of modern information technologies in the organization of the Pension Fund of Ukraine, which requires in-depth consideration of the introduction of modern information systems into the work of the Pension Fund of Ukraine.

The paper objective is to analyze the existing information systems for the automation of the Pension Fund's work and to offer a scientific substantiation of the ways of their further improvement.
The paper main body. The paper analyzes the current state of informatization of the Pension Fund of Ukraine and proposes ways to further improve information systems used by the Fund. Much attention is paid to the work of the Fund web portal. One of the most convenient and operational ways to obtain pension information is to electronic services through the Web-portal of the e-services of the Pension Fund of Ukraine. The portal gives each registered user the opportunity to remotely receive services that previously required a personal appeal to the Fund departments.

Since January 1, 2018, the central subsystem of “Pension Awarding and Payment” has been employed in Kharkiv, Poltava and other areas based on electronic pension cases. Its implementation greatly simplifies the procedure of receiving services, reduces service time and thus, improves the quality of reception of citizens.

The Pension Fund of Ukraine continues to expand the possibilities of its e-service web-portal. Nowadays the portal has an electronic insurer (employer) cabinet where information is available on ensuring employees’ social rights, the correctness of reporting, etc.

In the cabinet, one can view information on payment of single social security contribution, including data on businesses’ liabilities as to this payment before the Fund. In case there are infringements of employees’ rights, the cabinet will show the information about the number of insured persons whose working periods have not been included into their work history through the fault of their employers. Besides, the cabinet contains data about reporting on payment of the single social security contribution. Also, employers can see comments on their reports and recommendations as to elimination of errors.

Formation and maintenance of the insured persons register are among the important tasks of the Pension Fund. For this purpose, an automated data bank has been created, which is updated monthly with current information. Every working person has a personal account registration card. Over the entire working life, beginning from 2000, the card accumulates earnings data, paid taxes, insurance
records from all workplaces and other information necessary for the correct awarding of pensions and social benefits. Without the register information, it will be impossible to do accounting of pensions or unemployment benefits.

**Conclusions of the research.** The further improvement of the Pension Fund information technologies is seen as a wider use of the cloud technologies and the “blockchain” technology. The latest technologies can eliminate the corruption factor and ensure open data security.

The promising lines of future research are considered to be continuous improvement of the Pension Fund information systems with the help of modern information technologies of e-governance and diversification of e-services.