

**Shaposhnykov K.S.**  
*Doctor of Economic Sciences, Professor,  
Head of the Black Sea Research Institute of Economy and Innovation*

## **DEVELOPMENT OF INFOCOMMUNICATION SPHERE IN THE NATIONAL ECONOMY**

The article investigates the features of formation and development of the information and communication in the national economy. Determined that ICTs encompass a set of information and communication facilities and methods of collection, processing and transfer of data to a new quality of information. The basic factors that influence the development of the information and communication technologies. Reasonable kinds convergence characteristic of the telecommunications sector and infocommunication in the national economy.

Convergence – the process of interpenetration once parallel evolving technology allows optimal access to all services. Results of convergence are promising devices, networks, technology, services with new features.

Telecommunications have a significant impact on the economic, social and cultural development of society. The volume of information transmitted in the world is permanently growing. The dynamics of the volume of transmitted information over packet networks affects rapidly growing number of computing devices and doubling every 18 months, their pro-

ductivity, increased competence of the population and its interest in the information.

Today the popularity of technology converged FMC networks in the world is steadily increasing. Want a cheap mobile, local and long-distance communication, and along with fast internet, it is becoming more and more. Operators offer integration of existing infrastructure with high-speed packet data networks, but at the level of access (Wi-Fi, WiMAH, 3G, 4G) services form, focusing on the use of the latest platforms with advanced features, which primarily include communicators and smartphones.

The widespread use of information and communication technologies makes it possible not only to optimize the performance of technical and socio-economic systems, that is to significantly improve their efficiency, but also to minimize the risks to develop universal management approaches. Are promising networks built using radio technology, allowing maximum mobility and acquire independence. In them there is a vast potential and they continue to develop.