

ЕКОНОМІКА

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THEORETICAL BASIS OF THE FORMATION OF THE SYSTEM OF ECONOMIC SECURITY IN THE CONDITIONS OF TRANSFORMATION

Abstract. The article analyzes the theoretical and methodological approaches to the disclosure of the economic essence of economic security of the enterprise, taking into account trends towards globalization and informatization of society. The study of the concept of economic security has shown that it developed in two ways depending on the type of economy in specific areas. Six vectors of modern scientific achievements on the economic security of the enterprise are identified. Systematization of scientific approaches gives an idea of economic security as a set of relations to protect the enterprise, its interests and activities from breaches of trade secrets and threats to the environment. Four main factors of economic security of the enterprise are underlined: a) planning; b) monitoring of the external and internal environment; c) identification and implementation of measures to respond to threats; d) control and improvement of the system. The security of the economic space of enterprises under the conditions of transformational changes is due to general economic destabilizing factors, aspects of industrial development and business security elements. The mechanism of economic security is characterized as a set of means, methods and tools of influence of economic security entities on the processes of objects in order to regulate them in the conditions of transformation. The study of economic security parameters at three levels of government: macro, meso and micro level has shown that in modern conditions, information security is gaining in importance. Its provision becomes a necessary condition for sustainable progress of the enterprise to maintain competitive advantages, protect reputation, ensure compliance with applicable laws and regulations.

Keywords: economic security, transformation, digital economy, levels of government.

JEL code classification: F52, K22, D86

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ТЕОРЕТИЧНІ ЗАСАДИ ФОРМУВАННЯ СИСТЕМИ ЕКОНОМІЧНОЇ БЕЗПЕКИ В УМОВАХ ТРАНСФОРМАЦІЇ

Анотація. В статті здійснено аналіз теоретико-методичних підходів до розкриття економічної суті економічної безпеки підприємства в умовах турбулентного середовища та цифровізації економіки. Дослідження концепції економічної безпеки довело, що вона розвивалася двома шляхами залежно від типу економіки в конкретних сферах. Означено шість векторів сучасних наукових доробок щодо економічної безпеки підприємства. Систематизація наукових підходів дає уявлення про економічну безпеку як про сукупність відносин із захисту підприємства, його інтересів та видів його діяльності від порушення комерційної таємниці та загроз зовнішнього середовища. Основними чинниками економічної безпеки підприємства є: планування; моніторинг зовнішнього та внутрішнього середовища; діагностування з метою запровадження дій щодо реагування на загрози; удосконалення системи на основі контролю. Процеси трансформації, що відбуваються в економічному просторі підприємства, несуть із собою певні ризики та загрози, тобто відображаються на рівні економічної безпеки підприємства в цілому та ускладнюють систему її забезпечення. Безпека економічного простору підприємств за умов трансформаційних перетворень обумовлена загальноекономічними дестабілізуючими факторами, факторами промислового розвитку та факторами безпеки бізнесу. Доведено, що на економічну безпеку

підприємств впливають трансформаційні процеси на трьох рівнях управління: 1) на вищих рівнях економіки (макро); 2) зовнішній, перетворення часто нав'язуються підприємству, та мають революційний характер (мезо); 3) внутрішній, процеси покликані вимогами сучасної ринкової економіки, носять еволюційний характер (мікро). Умовою стійкого розвитку підприємства та збереження його конкурентних позицій є удосконалення системи інформаційної безпеки. Механізм забезпечення економічної безпеки характеризується як сукупність засобів, методів та інструментів впливу суб'єктів економічної безпеки на процеси об'єктів з метою їх регулювання в умовах трансформації.

Ключові слова: економічна безпека, трансформація, цифрова економіка, рівні управління

Formulation of the problem. The formation of the economic security of the enterprise reflects the conditions of its protection from any threats that are achieved through the use of existing and potential resources to ensure safe operation in the long run. The modern way of enterprise development in the conditions of digitalization of Ukraine's economy describes the conditions when modernization, development and strengthening of business positions on an international scale become more and more significant and obvious facts. Daily technological progress has led to the transformation of the world economy, greatly affecting all aspects of our lives and economic security. The immediacy of the study is motivated by the lack of consistency, coordination and common views on discourse in this area, as well as insufficiently substantiated proposals for the introduction of modern methods and models of economic security management at all levels of the economy in transformation.

Analysis of recent research and publications. A review of scientific publications by Shulga I.P.[0], Lyashenko O.M.[1], Gnylytska L.V.[2], Sosnovska I.M. [3], Chandra, S. and Bhonsle, R. [4], Ianioglo, A. and Polajeva, T. [5] allowed to systematize chronologically the approaches of the economic security category.

The approaches to the interpretation of the term taking into account the chronology were considered by the scientists of Zachasova N.V. [4], Ioan-Franc, V. and Diamescu M. A. [7], Kitsios, Fotis & Kamariotou, Maria [8].

Studying the theoretical foundations of the economic security system at the enterprise Denisov O.E. [7]; Nemchenko V.V. [10], Nesterov Yu.O. [11]; Tsevukh S.M. [12]; Franchuk V.I. [13]; Voynarenko M.P. [14], Hohán, A., Olaru, M., Pirnea, I.C.,[15], Tamošiūnienė, R. and Munteanu, C.[15].

At the same time, despite the large number of publications, there are still many unresolved issues in economic security management, which is a key component of protection against threats in the digital economy, both at the state level and at the level of business entities.

Goals of the article. The goal is to carry out a critical analysis of the scientific and theoretical basis of the economic security system. To investigate the flows of mutual influence of transformations and systems of economic security of different levels.

The main material of the study. Sustainable development of enterprises activity requires improvement of the economic security management system.

The importance of the concept of economic security is also seen in the fact that researchers give it an important role in national security, as the economy is the driving force of planning, organizing and focusing on the best use of resources aimed to provide basic livelihoods and to the improvement of citizenship. National and international economic security has been studied in the same way as the security of the individual, because in today's globalized world there is no completely independent country.

In the human development report, "economic security" is one of the factors, which influence over human security. "Economic security" is provided as the basic income of each citizen from their own work as a contribution to society in this report.

Almost all researches on economic security to a greater or lesser extent provide an interpretation of this category. Every author's interpretation has the right to the existence, as it corresponds to the goals and objectives of a particular scientific study. But this does not solve the problem of the need to formulate a unified approach to awareness of economic security category.

Analysis of scientific sources shows that there are several approaches to defining the definition of "economic security of the enterprise". To conduct a detailed analysis, there is a need to systematize of scientific approaches to this issue, provided by other scientists. It should be noted that each of the scientific views is based on the functional purpose of the system of economic security. The main functional tasks of economic security are:

- "ensuring high level of the financial efficiency, financial stability and independence of the enterprise;
- ensuring technical independence and achieving high competitiveness of the technical potential of the facility;
- achieving a high level of staff qualification and its intellectual potential, proper efficiency of R&D;
- minimization of the destructive impact of the results of production and economic activities on the environment";
- high-quality legal protection of all aspects of the enterprise (organization)";
- ensuring the protection of the information field, and achieving the required level of information support for the work of all departments of the enterprise and departments of the organization";
- effective organization of security of the enterprise' human resources, its capital, property and commercial interests.

A review of scientific publications for the period 2002-2021 [1,2,3,4] allowed to systematize chronologically the approaches of the economic security category. The review identifies several such approaches:

- 1) providing conditions for the safety of commercial confidential information;
- 2) as protection against the negative impact of the external environment;
- 3) as protection of economic interests of the enterprise;
- 4) as protection of a particular aspect (type) of activity;
- 5) as protection of a certain type of business entity;
- 6) as a complex of economic relations.

This systematization, in our opinion, gives an idea of economic security as a complex of rela-

tions to protect the enterprise, its interests and activities from disclosure of commercial confidential information and threats to the environment. The author shows how scientific interests regarding the objects of economic security have evolved over time

Analyzing the changes in approaches to interpretation, taking into account the chronology of Zachasova NV [4], it is proposed to consider different types of approaches with the definition of the period of their appearance: resource (2002); capable (2003); procedural (2008); complex (2009); harmonization (2010); mixed (2010); system (2014).

The result of the review of the existing systematizations of scientific approaches to the definition of the category "economic security of the enterprise" is presented in the form of a matrix (Table 1) and allows highlighting four logically ordered groups of approaches, namely:

- 1) Economic security of the enterprise as a state of protection from threats to the internal and external business environment (activities) and corporate interests.
- 2) Economic security of the enterprise as a state of safety of commercial confidential information and property
- 3) Economic security of the enterprise as a state of use of corporate potential.
- 4) Economic security of the enterprise as its identification with the management system of the enterprise.

Now it possible to provide the following conclusions:

- 1) There are several approaches to defining the definition of "economic security of the enterprise" in scientific research which are used in the scientific literature based on the objectives of scientific research and the preferences of their authors.
- 2) We consider the most rational approach to the definition of this category based on the main function of the economic security system - protection against threats.
- 3) The definition of terminology is only the beginning of painstaking scientific work in the research areas of the economic security of the enterprise.

Table 1

**Matrix of systematization of approaches to the definition of the category
"economic security of the enterprise" (redo the table)**

Scientific approach	Components									
	protection from threats	protection of corporate interests	protection from mercenary crimes	ensuring the safety of property	preservation of trade secrets	state of use of corporate resources	identification with the stability of the enterprise, ensuring stability and progressive development, the ability to reproduce	providing competitive advantages	harmonization of interests	measure of economic freedom
Economic security as a state of protection from threats to the internal and external business environment (activities) and corporate interests	+	+	+	+		+	+		+	
Economic security as a state of protection from threats to the internal and technical business environment (activities) and corporate interest			+					+	+	+
Economic security as a state of use of corporate potential				+			+		+	+
Economic security as an identification with the management system of the enterprise	+		+			+	+	+	+	+

Source: summarized by the author according to [1,2,3,15,19]

At the same time, the system of enterprise management should deal with the issues of ensuring the realization of economic interests.

Similarly, the system of economic security can not provide competitive advantages of the enterprise, but can protect them. As for protection against economic crimes, in the system of economic security of enterprises it should be considered as a component of protection against internal and external threats.

Thus, the system of economic security can not "replace" the management system of the enterprise, performing its functions. This understanding should be reflected in the interpretation of the category of "economic security of the enterprise".

As the analysis of the definition of "economic security of the enterprise" has shown, this

definition becomes more complicated with each new research. Each next authors tries to add and bring elements of novelty in the interpretation of this category. On the one hand, it reveals in more detail the individual structural components of the category, which allows to expand the boundaries of the worldview of users. On the other hand, it complicates the perception of information about the essence of the category, because it contains too much information.

In our opinion, the interpretation of the category should be concise, short-spoken and most certainly provide the main message to the user. That is why we propose in the interpretation of this category to separate the essence of security from the need to provide appropriate management functions.

We believe that the most significant content load is borne by such structural components that most accurately reflect the main task of the economic security of the enterprise: to protect the economic interests of the enterprise from threats of various sources.

Thus, the economic security of the enterprise - a state of protection from external and internal threats in the economic space of the enterprise, which are caused by reasons of different sources, which are connected to the realization of its economic corporate interests.

To clarify the content of the category "economic security of the enterprise", the model of conceptual structuring of this category was built.

The study of the organization and functioning of the economic security system is multi-vector, which significantly expands the knowledge of the processes of protection of the economic system from threats and dangers of endogenous and exogenous environment, which negatively affect the financial condition of the enterprise, competitiveness and sustainable development. The choice of the vector of scientific preferences determines the structure and content of the theoretical basis of the study. The choice of scientific direction is formed according the degree of mastery of various areas of economic security and the relevance of the accentuated problem aspects of the selected vector of research. In such circumstances, it is important to study the range of scientific interests in the field of ensuring the safe operation of the country, its individual regions and enterprises.

Many fundamental works in the form of dissertations, monographs, scientific manuals and individual scientific and popular science articles and reports of foreign and domestic authors are devoted to the study of topical issues of organization, functioning, management, support and other aspects of economic security.

The modern market conditions industrial and non-industrial enterprises are operating under pressure from both pre-planned and unpredictable processes, which have both positive and negative impact on the economic system of the enterprise. In such conditions, there is a growing need for an effective mechanism for protection against the negative consequences of such processes. At the same time, the economic system of the enterprise is a reduced version of the eco-

nomical system of the country as a whole, like each individual family, which presents a model of society.

Studying the theoretical foundations of the economic security system at the enterprise [7,10,11,12,13,14], it is possible to provide an effective system of protection against threats and dangers, which can be partially implemented for more complex economic systems.

Thus, six vectors of modern scientific achievements on economic security of the enterprise are defined:

1) research of theoretical aspects of the system of economic security, systems of its provision and management at the level of enterprise;

2) research of economic security of the enterprise according separate functional components;

3) research of economic security of enterprises in various industries;

4) research of economic security in certain areas of activity;

5) research of economic security by certain types of enterprises;

6) research of economic security under different conditions of the economic environment of the enterprise

The relevance of the research of the security of the economic space of enterprises under the conditions of transformations is based on the general economic destabilizing factors, factors of industrial development and business security factors.

Thus general economic destabilizing factors are:

1) Lack of domestic or adapted to national conditions in Ukraine model of market transformation on a market basis, which provokes disorder and unsystematic changes in the economic and financial system and threatens the economic system and financial condition of the enterprise.

2) The processes of globalization and European integration accelerate the integration of Ukraine's economy and its enterprises into the world community, intensify foreign economic activity, increase pressure from international corporations and the influence of world organizations (e.g. the International Financial Bank). Establishing new business relationships, mastering new rules of the business game act as a cata-

lyst for increasing the probable riskiness of business projects.

3) The growth of competition in the food market and the challenges of food security require qualitative changes in the technology of cultivation and processing of agricultural raw materials, production, transformed quality management systems, inventory management and more. The introduction of technological innovations is a kind of challenge for the system of economic security.

4) Unavailability of industrial policy in Ukraine to protect the domestic food business from threats to the internal and external environment/

According to the results of research, the following conclusions can be made:

- research of economic security of the enterprise is multi-vector;
- globalization and European integration changes expand the range of scientific interests on the security of transformations of internal and external nature.

The development of the economic system of society in real time constantly provokes the creation of various transformational models. Institutions of property, investment and innovation development and foreign economic activity, the monetary system, the system of taxation and social insurance are subject to transformation. The external transformation processes that take place affect the economic system of the enterprise indirectly through changes in current legislation. Such changes can have a significant impact on the business of the enterprise and lead to transformations of its financial and economic system.

The economic system of a modern enterprise is an open system, the functioning of which is significantly affected by the transformation processes of endogenous and exogenous environment, leaving negative consequences, reducing business efficiency and justifying the growing need to protect corporate interests.

In our opinion, it is interesting for this study to define "transformation" as a process of "qualitative and quantitative transformations" in the economic system, "changes in its form and content, adequate to the historical stages of society". We believe that considering these two categories, taking into account the nuances of business organization, you can create a comprehen-

sive system in which the threats and risks of transformation processes are leveled with the tools of the economic security system.

The economy of the enterprise is necessarily affected by changes and transformations that occur at different levels of economic development of society: global, macro, meso and macro.

Conversely, the transformation of specific enterprises as a whole, through the impact of their results on the higher-level economic system, contributes to the creation of new institutions, reforms, namely causes the need for appropriate transformations, including legislation and institutional support. At the same time, the change in the worldview of business owners regarding the goals and basic concept of business contributes to the evolutionary transformation of corporate policy and directions of strategic approach to transformation processes and their provision. At its own discretion, transformations are carried out that contribute to the implementation of strategic plans of the enterprise to ensure its corporate interests. The driving force for "internal" transformations can also be crises in the enterprise itself, which are seen as "an opportunity for change" [20].

In its turn, the transformation of different levels of the economic system affects the economic (financial and economic) system of the country, industry, region, enterprise, respectively, and also necessitates transformations of this system. Analysis of research on the mutual influence of transformations and systems of economic security of different levels allowed to build a flow chart.

On the other hand, transformational processes can begin under the influence of market processes (inflation, fierce competition, the course of European integration, the global food supply problem, etc.) in accordance with the adopted corporate policy. For food companies, a market competition is a powerful impetus. On the way to ensuring a decent level of competitiveness, companies significantly change (transform) the concept of business, corporate policy, their strategy, transform technology and methodology.

Under such conditions, the company has a need to ensure the safety of such processes, namely the need to minimize the negative impact of these processes on the business of the

enterprise and its financial condition. The system of economic security of the enterprise, as

shown in Fig. 1, is a guarantor of the security of his business from the negative impact of threats.

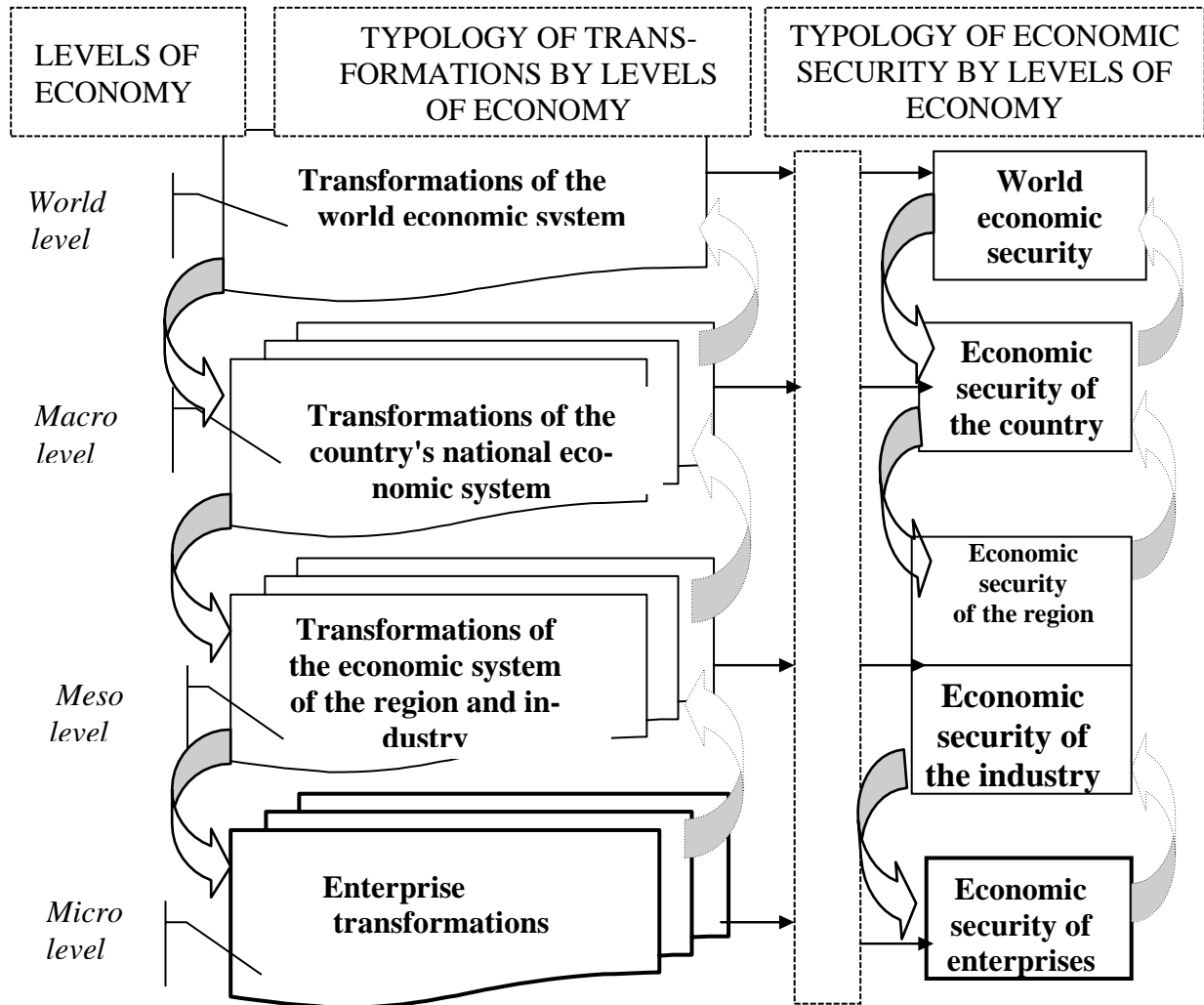


Fig. 1. Scheme of flows of mutual influence of transformations and systems of economic security of different levels.

Source: based on [18,19]

The study shows that the economic security of enterprises is strongly influenced by:

- transformation processes that take place at higher levels of the economy;
- transformational transformations, which can be both internal, caused by the requirements of modern market economy, are evolutionary in nature, often initiated by the enterprise itself, and external, which are often forced on the enterprise, often have a revolutionary character;
- transformational transformations of different nature.

The processes of transformation that take place in the economic space of the enterprise carry with them certain risks and threats, ie are

reflected in the level of economic security of the enterprise as a whole and complicate the system of its provision. In order to prevent the negative impact of probable threats, the current system of economic security of the enterprise can be used, which should be investigated and tested accordingly.

The study of the economic security management system at the enterprise in the scientific literature is proposed to be carried out in three aspects: "formation and operation of the economic security system, economic security activities, assessment of the achieved level of economic security" [4].

Conclusions. In our opinion, it is necessary to study the system of economic security of the enterprise, given the capabilities of this system to provide the necessary level of security against potential threats, provided the operation of the business in a period of significant transformation. In view of this, the methodological approaches to the study of economic security, taking into account the impact of transformational transformations should be expanded by studying the characteristics of the transformations themselves.

The algorithm for creating a system of economic security of the enterprise in terms of transformational transformations involves the implementation of sequentially ordered steps: development of the concept, development and approval of corporate economic security policy; development of a system of economic security and its management

Thus, the object of the conceptual approach is the probability of achieving the maximum possible stability of the economic system of the enterprise in the presence of risks and threats of

transformational transformations. The subjects of ensuring the security of enterprise transformations are the management of the enterprise, structural units for economic security.

Given the above, we believe that “the proposed concept of safety (security) of transformational transformations of the enterprise is that transformational transformations can be considered safe if the existing system of economic security of the enterprise is able to predict, identify and assess potential threats and negative trends. these transformations, to provide the maximum possible protection against their influence, to develop and promptly implement measures to prevent and eliminate their consequences.

Since our approach is based on the assumption that the company already has a system of economic security, we consider it appropriate to take as a basis its system of support and methods and pay special attention to improving the methods of monitoring, diagnosis and testing of the system.

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