

## APPLICATIVE INFORMATIONAL SYSTEM IN THE FUNCTION OF BUSINESS DECISIONS

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(Professional paper)

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**Abstract:**

*Modern way of doing business necessary implies a technique of informational activity with the aim to group, process and record data. "Indoc system" (informational-documentation system), represents arranged and organized system of informational activity, setting by this a certain control over the flow of information.*

**Key words:** *information activity, informational-documentation system, control of information, flow of information.*

Contemporary sport, its competition system, new challenges and possibilities, created within sport competition as well as from international aspect, include a set of informative knowledge, necessary to successfully conduct sport activity. In professional sport, informative activity is of special interest, because valid knowledge in due time can help a great deal a professional club, but also to subjects of sport activity, to recognize their possibilities in sport competition, as much as possible drop back in world sport aspect.

Informational activity is necessary in our time and it is established in different types of organizations. Informational activity can be considered an organizational system, when TV system gets transformed to informational system. "Indoc system" (informational-documentation system), represents arranged and organized system of informational activity, setting by this a certain control over the flow of information. Indoc system is in the function of timely provision of the user with all necessary data and information.

Within informational activity, special place takes applicative informational system, as a set of organizational rules related to people in charge of

informing task. Applicative informational system is directly in the function of giving data (information) in order to bring business and other organizational decisions. Modern way of doing business necessary implies a technique of informational activity with the aim to group, process and record data.

Applicative informational system includes following activities:

- data collecting
- data processing
- data recording
- data distribution

"For successful conduction of activity of collecting, processing, recording and distribution of data and information to the users, modern informational system represents the synthesis of four components, interconnected and inter-conditioned, which are: hardware, software, lifeware, orgware.

Hardware represents material basis of informational system and consists of personal computer, input/output devices, devices and means of communication and transfer of data at distance, and other equipment for data processing.

Software, which includes immaterial elements of informational system, like programs, routines

and methods related to organization, management, processing and application of the results of data processing and informing.

Lifeware, which includes teams of experts-organizers of electronic data processing, system analyzers, programmers, operators and users of informational system, and

Orgware, consisting of organizational procedures and methods of synchronizing and connecting previously listed three components in a balanced, functional, economical and purposeful complex."

Purpose and efforts of informational activity through informational system has a goal to inform for needs within the organization and document.

Informational system in sport implies, according to achieved level of informational development of society, consistent collection, processing and distribution of different sport data, and their distribution to all interested users within sport activity.

"Fundamental goal of informational system of top-level sport, is to guarantee data and information for prediction, diagnostics, planning, programming and execution of training, as much as control and monitoring of level of fitness, with a purpose to ensure optimal conditions for achieving top sport results."

Within informational system, we can define special partial goals of informational system in top-level sport.

Partial goals of informational sport have a purpose to, according to perception of the total anthropological characteristics of a person involved in sport, give sportsmen and coaches a set of different information, which can help in further sport activities.

According to selection and comparison of information on total anthropological characteristics of sportsmen and their prior results, it gives selectors and coaches necessary data in order to form most adequate sport and national teams.

Also, in certain professional services, in federal, republic, city and community level, that are by nature of activity directed to cooperate with sport organizations, it should provide those information that can help in evaluation and valorization of professional work in top-level sport. It should make possible for certain scientific and professional organizations, dealing with health diagnostics of sportsmen, to be acquainted to the database of collected data, to enable its further preservation, cor-

rection and comparison, in order to relevantly indicate, control and analyze the abilities of sportsmen.

Individual goals of informational system and activity can be realized on level; of wholeness, acceptance and input of data on different structures within sport organizations, which are institutions in direct connection to sport.

Informational sport has to be insured in any aspect from possible data loss, unauthorized access, unauthorized use, protected from revealing confidential data about sportsmen to unauthorized personnel and equally accessible of data to all personnel dealing directly with sport activity.

In order to conduct the best possible transmission of data to users within informational system, we have here implemented division to two subsystems: a. subsystem of sportsmen and b. subsystem of competitions. Within the first, we can find a list of all sportsmen categorized for the Olympic games, promising sportsmen and all other sportsmen. Within the other subsystem are contained data about all competitions during the year, on the level of national and international sports league.

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**АПЛИКАТИВЕН ИНФОРМАЦИОНЕН СИСТЕМ ВО  
ФУНКЦИЈА НА ДОНЕСУВАЊЕТО НА ОДЛУКИТЕ ВО  
ПРОФЕСИОНАЛНАТА РАБОТА**

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(Стручен труд)

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**Апстракт:**

Современиот начин на професионалната работа неопходно ја наметна информациона дејност, чија цел е групирање, обработка и меморирање на информациите. "Индоксисемот" (Информативно-документарниот систем), е уреден и организиран систем на информативната дејност, со што се воспоставува одредена контрола на процесот на информациите.

**Клучни зборови:** информативна дејност, информативно-документарен систем, контрола на информациите, процес на информациите