

## Information Technology in Professional Sports

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**Abstract.** Information technology as other technologies can be the relationship between hardware, software, networks and capabilities of these tools and measures that can be defined due. Technology crucial to production and services. New technologies and advanced methods of the past quickly outdated and will lead and support services are superior. Volume of information available to information technology organizations and individuals increases. Great sports institutions in the world is now one of the largest organizations are the way they as an indicator of advanced and developing countries have become. Economy suffered from changes made with a very large volume of trade and job creation as one of the phenomena of modern life and human life has become. Quantitative indices of the increasing number of professional sports professional sports from a series of seven football fields, including basketball, horseback riding, soccer, volleyball, tennis, racing and golf clubs as well as increasing the number of professional clubs in seven of ten professional horizons year-old professional athletes to increase the number of twenty-five thousand-year horizon is.

**Key words:** information technology, professional sports organizations

### 1. Introduction

One of the characteristics of the changes that information technology has brought with. Impact of information technology and multi if we see how significant effect world has had. Some changes in the sports federation are in the following list:

**1.1** Inter-organizational Create guidelines and workflow methods, different committees in the organization, staff working groups, knowledge, new connections, to identify the exact status of existing and potential application of the optimum and effective capacity [3].

**1.2** Organizational StructureFacilitation of reporting relationships, increase surveillance areas, decentralized decision making, monitoring and supervision in various exercise activities organization, facilitating the divisible committees, reducing geographic barriers and virtual organizations [2].

**1.3** Organizational Between Communications with other parts of the countries sports organization, and similar sports and related organizations in other countries, and facilitate collaboration and participation in activities.

### 2. Education

Growth promotion and education through video conferences, e-mail, electronic meetings, group applications and usage of electronic lecture sessions, facilitate training of remote e-mail [6]. Access to the huge volume of documents and references, and facilitate the implementation of collective projects regardless of geographic and physical distance between individuals and groups.

Indices needed for development of ICT in professional sport that as an indicator for the development of ICT is higher. Cases and primary and basic needs for this purpose. After expression of criteria present status with professional sports organizations with regard to the comparison and evaluation put. • Computer and its accessories to a sufficient number of new developments and coordinate with. • There are different applications that perform activities of daily, weekly, monthly and annual organization used to be. • Having a

complete and updated website information by the network administrator and under experts and managers can change and be updated.

- Intranet within the organization for internal activities and the relationship between heads and staff of the organization together [7].
- Extranet networks for interaction between organizations with some institutions, and organizations that exchange of information between these organizations simply will.

- There are individual or individuals and committees such as Information and Communication Technology Committee that the administrative duties of ICT in the Federation by a person skilled professionals and is run.
- monitoring by the specialist information and communication technology are carried out to provide important data series and only manager or managers should be and also for decision making and various programs throughout the year, especially software and hardware procurement and design and provide users in the organization is placed.
- Training of human resources, including not only all of the employees is also Head of Board of Administrators organization, athletes, coaches and all those with special responsibilities in the organization are active. Because many of the needed information to databases and special software are required to work with computers, programs and accessories that are related to (7).
- • Having software and general and specialized programs for performing common activities and especially in the organization.
- • information systems are needed for different organizations to promote activities such as:
  - ♣ Human Resources Information System
  - ♣ accounting information systems
  - ♣ Financial Information Systems
  - ♣ Information Systems tournaments and competitions at various levels
  - ♣ Information System athletes, coaches and technical staff team sports
  - ♣ Information Systems Committee and the Board under the sport organization [9].

The impact of information technology on professional sports one of the effects of information technology, the formation of a new organizational structure that the organization is known for T-shape. Such organizational structure with flat, broad comments and domain management hierarchy is small. Coordination among staff through electronic communications will be carried out and email software is used to coordinate group [5, 6, 1]. Information system, there is decision that the information on the surface. This makes the organization more quickly to its environment, competitors and customers say. The information technology staffs enable the organization away from the physical environment to perform their job duties to pay. • Technology infrastructure networks and organizations, including computers, networked forms of communication that if the internal network (intranet) Members of the organization are related to each other. Also through the Internet connection is able to supporters, shareholders, suppliers of goods and services, sponsors and other groups to contact the organization. • quantitative indices in the increasing number of professional sports professional sports from a series of seven football fields, including basketball, horseback riding, soccer, volleyball, tennis, racing and golf clubs as well as increasing the number of professional clubs to seven professional horizons Ten-year-old professional athletes to increase the number of twenty-five thousand-year horizon is [7].

- To achieve above the horizon should be based on infrastructure development and scientific application of new technologies because communication is more than ever before in terms of number of organizations related to each other and the amount of information that must be exchanged, is. Supporters an important part of professional sports makes up the organization to communicate with them and them with each other but with advanced technologies of communication is not possible. Ticket competitions, communicate with athletes, fans, managers communicate with employees, activities related to each club and use databases and specialized software, all part of exercise dependency professional information technology and communications [10,3]. Information technology not only Facilitators affairs and activities in professional sport, but also a fundamental need for the development of professional sport and sport management from any size and avoid its use and certainly not ignore the progress and development in this section will control. Now the smallest and largest sports stadiums of the world by information technology is controlled. Attraction for sporting events and attract more supporters using different technologies in the stadium and even homes are planned. Stadium safety requires adoption of information systems are. Technology is used in professional

sports can process fully mechanized, and in this way and timely information necessary to provide decision-makers in development.

- T-shaped organization with flexibility, according to the conditions very dynamic and complex organizations in modern twenty-first century are dealing with it [8].

### **3. Conclusion**

The current approach paper, the advantage is important that primary attention to organization under study with regard to limitation of time and resources on risks that affect the success of the organization is to focus and to prevent waste of resources and reduce the likelihood success of outsourcing projects are information systems. For future research may be risks, causes and factors critical to success in the organization or organizations under study through qualitative research methods such as case study and theory arose from the data extraction and other financial and credit organizations of the studied and was studied.

Thus, changing the traditional system to many factors affect advanced. These factors can be management commitment, having experience in information technology, user satisfaction and the rate of environmental changes are. The young professional sport, with a view system infrastructure can be from now based on information and communication technology and information systems developed and built to modern sports.

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