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INTEGRATION OF INFORMATION SYSTEMS ON THE BASIS OF ELECTRONIC GOVERNMENT

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On the basis of E-government conception by integrating the information systems belonging separate state and business organizations, new information services can be established. For instance, "Customs / Domestic production -Trading network - Tax" integration information system. Interested sides (State agencies, business structures and citizens) can be provided by necessary information.

Джафаров Д. М. Интеграция информационных систем на основе электронного правительства. На основании концепции электронного правительства, интегрируя системы, принадлежащие различным государственным и коммерческим организациям, могут быть представлены новые информационные услуги. Например, "Таможня / Внутреннее производство - Торговая сеть - Налоговая". Заинтересованные стороны (Государственные органы, коммерческие структуры и граждане) могут быть обеспечены необходимой информацией.

Keywords: E-GOVERNMENT, GOVERNMENT AGENCIES, ECONOMIC ENTITY, SINGLE WINDOW, TRADE NETWORK, BUSINESS STRUCTURES.

Ключевые слова: ЭЛЕКТРОННОЕ ПРАВИТЕЛЬСТВО, ГОСУДАРСТВЕННЫЕ ОРГАНЫ, ХОЗЯЙСТВУЮЩИЙ СУБЪЕКТ, ОДНО ОКНО, ТОРГОВАЯ СЕТЬ, КОММЕРЧЕСКИЕ СТРУКТУРЫ.

In accordance with organizing efficient activities of economic entities and corporations establishment of different scaled

information systems is required. The information infrastructure of these systems is arranged on the bases of *E-government* conception.

Mutual electronic communications with government authorities to establish relations between economic entities and citizens is the most important and one of the priorities of the modern information society. These relationships are manifested in mutual public relations as “government to government”, “government to citizen», «government to business”, “business to business”, “government to citizen” and “business to citizen”.

E-government is state management system based upon electronic means of information processing, storage and circulation. The main purpose of its creation is to simplify the procedures of presentation of all kinds information services to citizens, enterprises and organizations and shortening the duration of service and increase in quality, decreasing administrative costs, transparency about the public authorities activities.

E-government allows to present the necessary information services to the users through Web portal principle. Web portal technologies foundations is based on information and telecommunications infrastructure which provides creation of public relations' standard procedures of interaction between individuals, and economic entities with state agencies, by using same technologies of electronic signature keys and information security, regardless of the geographical location of members.

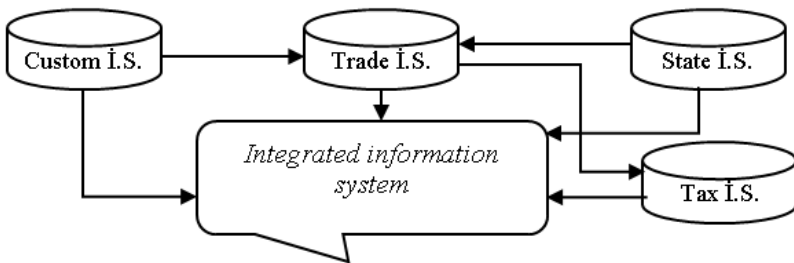
In order to present *E-government* services through telecommunication networks vertical (according to fields) and horizontal (general purpose) Web-portals are used. *E-government* system portal is considered as visual embodiment of the idea which allows introduction of state agencies' all spectral information services by means of single window. Documents without private status are provided for publication. Contents are composed of different thematic blocks such as education, health, family, authority, citizens, business and etc. and their urgencies are ensured. Users have the opportunities to find the answers to the questions that are interest to them and factographic information through *E-government* single portal *E-government* eliminates information and geographical inequalities among country citizens. By means of modern telecommunications terminals every users applies to state agencies at

any time regardless of locations.

In order to implement the *E-government* with full functionality one of the important conditions is establishing national info-telecommunication infrastructure that allows creating connection with state agencies that have Web-portal system technological bases and any kinds of subscribers (citizens, enterprises and organizations) in single network.

On the basis of *E-government* conception by integrating the systems belonging separate state and business organizations new information services can be established. For instance,

Based on movement information in accordance with "*Customs / Domestic production -Trading network - Tax*" system, interested sides can be provided by necessary information (pic.)



Pic. Integration scheme of systems' information

Over existing information infrastructure this proposed system has the following categorical users can benefit:

- 1) State agencies- belonging to their fields to access information for making necessary decision
- 2) Business structures – to access necessary information in order to start business activities, plan, forecast and marketing research
- 3) Citizens – provides information about product quantity, quality indicators (specifications), the possibilities of obtaining, geographical parameters and routes of selling points.

References

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