Design Digital Document' System for Transportation. System Engineering Bases

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key words

organizational system, document management, digital document management system, cargo transportation

We have examined the process of digital document management system organizing for cargo transportation in the aspect of forming and modeling an organizational system. The combination of organization, management and self-government processes is implemented on the basis of the digital document management system's architecture formation. One of the main aspects of its formation is to ensure the interconnected functioning of all components of the process: preparatory operations, basic processes, maintenance. In the aggregate of stable connections and relationships inherent in organizational systems, the basic principles of their formation, functioning and development are manifested: differentiation, concentration, specialization, proportionality, parallelism, direct flow and continuity. We believe that if we consider the organization of documentary support for cargo transportation as a single end-to-end process, it is necessary to formulate many criteria that ensure the interaction of all participants in international cargo transportation. Today, it is self-regulation that allows the organizational system to adapt to changing environmental conditions through self-regulation (self-management) of structural elements, maintaining the integrity and competitiveness of the organizational system.

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