

Intra and Trans Statistics: requirements and parameters of Modern IT Platforms Review and new Paradigms

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In the development of modern intra and trans statistic IT platforms, their algorithms, tools, software and interfaces the weakest link is a seamless integration between developing and existing IT platforms, supporting financial, organisational and human resource information management. Current practices show numerous examples of poor integrated IT platforms for border statistics and all solutions are fragmented, not ready for integration and significantly constrained in usability and applicability.

In practice there are no standard or developed technical specifications, protocols and registers regulating the data collection, processing, storage and transmission, which support cross-border IT platforms. Unfortunately, relevant authorities and institutions, which responsible for addressing these issues, do not exist, as well. In this particular case, the demand for harmonization and standardization of the most seeking statistical platforms increases, especially in Europe and Asian continents.

In this presentation, through the example of a creation of a single Eurasian Economic Space (EES), stimulating development at the borders of the EES (in addition to the hundreds of existing ones and currently developing more advanced forms of cooperation in Eurasian regions), we define the problems and determine the initial requirements and the basic parameters needed for design, construction and monitoring of seeking IT statistical platforms.

Key Words: Intra border statistics, trans border statistics, information technology (IT), requirements for statistical platforms, IT platforms integration