The problem of development and implementation of information technology for customs clearance of goods and vehicles is based on risk management system. Mandatory structural element of solution to this problem is to create an electronic information systems that must be interoperable between similar systems of different countries that are available, manageable, secure, integrated and controlled.

The introduction of information technology into customs clearance of goods and vehicles based on risk management system enables along with other benefits of optimizing the transport and customs procedures and technology to ensure transportation of goods that can be in the selection of the goods and vehicles with a high degree of risk control, choosing the most appropriate forms of customs control to confirm or refute the information about the potential risks.

Realization of the concept of «e-customs» provides liquidation difference between the customs procedures in Ukraine and the EU, implementation of commitments undertaken by Ukraine to the international community, achieving the appropriate level of informational interaction between government bodies, providing services to legal entities and natural persons.

The constituent elements of «e-customs» should be such subsystems as: electronic declaration, electronic document management, risk analysis and management, monitoring of transit, the only interagency automated system for the collection, storage and processing of information, including the various departments, the implementation of automated all types of state control, a unified framework of regulatory and reference documents used for customs purposes, information support post-audit and law enforcement.

Keywords: market risk analysis, management, chain, exporter, importer, technology, customs, declaration, document.