



Research article

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Intelligent Transport Systems as the Basis of de Lege Ferenda of the Transport System of the Russian Federation

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Keywords

Artificial intelligence,
digital technologies,
highly automated vehicle,
intelligent transport system,
law,
legal regulation,
Safety,
transport infrastructure,
transport legislation,
unmanned vehicle

Abstract

Objective: to research the trends of legal regulation of using intelligent transport systems under digital transformation of the transport sector of economy, namely, the growing importance of intelligent transport systems in the future transport system of the Russian Federation.

Methods: systemic-structural method is the basis for researching intelligent transport systems. It enables to study the architecture of intelligent transport systems as a complex structural unity. Also, comparative-legal method was used, aimed at illustrating the differences and similarities in the legal regulation of intelligent transport systems. Methods of legal modeling and forecasting, as well as formal-logic method, served as secondary methods to comprehensively study the legal regulation of intelligent transport systems.

Results: the article presents conceptual approaches to defining the notion of "intelligent transport systems" and outlining the hierarchy of intelligent transport systems, which play a fundamental role in building the transport sector. Based on the analysis, conclusions are made about the vectors of forming transport legislation, aimed at regulating the use of intelligent transport systems.

Scientific novelty: the article provides a conceptual approach to forming the legal regulation of intelligent transport systems. To this end, the issue is considered about the essential content of the notion

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web since the area emerging of modern technology commercial industrial and any system or device that is required to measure store military properties have been extensively using some sort of control calculate or display information is an appropriate security system for safeguarding against theft property candidate for using a microcontroller in it 10

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web oct 3 2021 the microcontroller used to control all aspects of the system is atmega8 a light depended resistor ldr and a

potentiometer pot are used to build the motion sensor temperature detector lm35 is used as the fire sensor and a sensitive metal strip is used to build a custom glass break sensor

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web sep 30 2020 developing this trend a new intelligent smart security system of industry based on various wireless sensor actuator node mcu microcontroller with iot network is proposed in current research paper this innovation namely iot based industrial security control and monitoring system using nodemcu detect any chemical overflow or

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web oct 1 2014 the purpose of this project is to develop a highly efficient and affordable security system with an industrial complex as usb interfacing using pic18f4550 as the microcontroller for