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ARTIFICIAL INTELLIGENCE IN THE ROAD TRANSPORT MANAGEMENT SYSTEM

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In the 21st century, it is impossible to imagine a modern society without its interaction with information technologies. The vast majority of spheres of human activity are subject to global automation, namely, the influence of artificial intelligence. One of these areas is transport. Thus, according to the definition of A. N. Averkin, "artificial intelligence (AI) – is the property of intelligent systems to perform creative functions that are traditionally considered the prerogative of man" [1]. As noted earlier, artificial intelligence is used in many areas of activity. Speaking about road transport, it should be noted that its main advantages is to increase the comfort of movement and safety on the road. In addition to the positive aspects presented, this system has disadvantages. This is the responsibility for causing significant damage; the loss of a huge number of jobs by people who were employed in the transport industry, and the unreliability of the software.

In conclusion, it should be noted that today there is interest in artificial intelligence, which is a trend in science, and it is obvious that the technology will continue to develop. However, the existing developments of scientists are still not enough to create a transport that works without a driver. Since artificial intelligence works by "learning" from examples from the past, when a completely new and non-standard situation arises, its actions will become unpredictable, and this can become disastrous. Based on theoretical provisions, some systems can already move to full autonomy, but the responsibility for the error of such a system is too high, which does not allow this to be done. Perhaps in the near future there will be an organization that will be able to introduce its developments into the transport industry.

References

1. Averkin, A. N. Explanatory dictionary of AI / A. N. Averkin, M. G. Haase-Rapoport. – M.: Radio & Communications, 1992. – 256 p.