PROPOSALS FOR IMPLEMENTATION OF THE SYSTEM OF SMART METERING IN URBAN PASSENGER TRANSPORT USING THE LATEST INFORMATION TECHNOLOGIES

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Business transport companies are very heterogeneous, so the automation of each of the industries has its own specifics. For example, in the part of the organization of accounting, warehouse accounting, as well as material and technical supply, transport companies solve the same tasks as any other enterprises. In the part of cargo and passenger transportation systems, a certain set of technological know-how in the relevant transport areas is already needed, as well as the use of smart accounting system.

Assessing the prospects for developing a smart metering system using the latest information technology in urban passenger transport, two main trends can be distinguished.

First, it is the unification and centralization of solutions that are necessary for the further development of the entire transport industry.

And this is a global practice: the only system operator to which independent agents and partners are connected is a single system that has, among other things, its own API with the ability to develop a single database, which connects to which agents can use all the accumulated statistics for their work.

Secondly, the current reality is that the transport industry is a distributed infrastructure of various kinds of objects: either a self-service terminal, a display board, a roadside lighting line. This requires a special system that would allow to flexibly add or remove objects from a single control loop, customize, set up usage scenarios, and have connection with external systems. Only in this case will it be possible to create a general mechanism in which there are no people, and devices will interact with each other.