

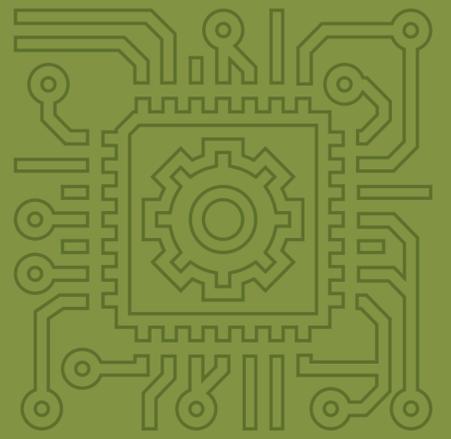


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## DPIS

Dynamic Passenger Information Systems are one of the most important elements of contemporary public transport. They significantly increase the travelling comfort for passengers, enabling them to obtain information needed to feel comfortable while travelling

Passenger information is presented in mobile environments – in the vehicles, and in stationary environments – at stations, hubs, platforms, and stops. Its main carriers are electronic information displays of various types and sizes and sound information devices, both controlled by specialised devices (carputers) or directly from computers (stationary solutions) based on information retrieved from relevant databases.

Passengers on board obtain complete information about the vehicle (line, route, stops, main interchange hubs, etc.), and

those who are waiting at stops know how many minutes they have to wait to continue their travel as information boards at stops display actual time to departure instead of scheduled time. At stations, visual information is provided on arrival and departure electronic display boards placed in halls, waiting rooms, on platforms, and voice announcements make it more comprehensive. Specialist software presents content automatically, sending predefined content to all display boards in the system.



01



02

## Passenger information on your phone!

Information about the scheduled and actual time of departure of vehicles from stops is also provided in our application – OnTime. OnTime allows passengers to use their smartphones to track the actual timetable for departures from specific stops in their city. The application users may check current delays on the route or find an alternative route in case of a delay from the comfort of their homes.



04

## Passenger information system ECO-SDIP with an autonomous power supply

Information display powered solely by renewable energy!

ECO-SDIP is a system powered by photovoltaic cells and optionally by a wind turbine. The system has been specially designed so that it could be powered autonomously for ca. 2 weeks in a solar and wind energy-deficient environment.



05

## Gesture-controlled e-paper!

E-paper displays are an energy-saving alternative for LED displays. The greatest advantage of this kind of devices is a very low level of energy consumption, which can be limited to near-zero values. It is possible because power is only used for changing the currently presented content. The displayed content is readable even after the power supply is completely disconnected, and can be presented for as long as necessary.

PIXEL offers displays for bus stops presenting dynamic and timetable-based passenger information! Passengers reading passenger information displayed at the stop using the e-paper technology are able to switch through pages of content with contactless gestures!



06

