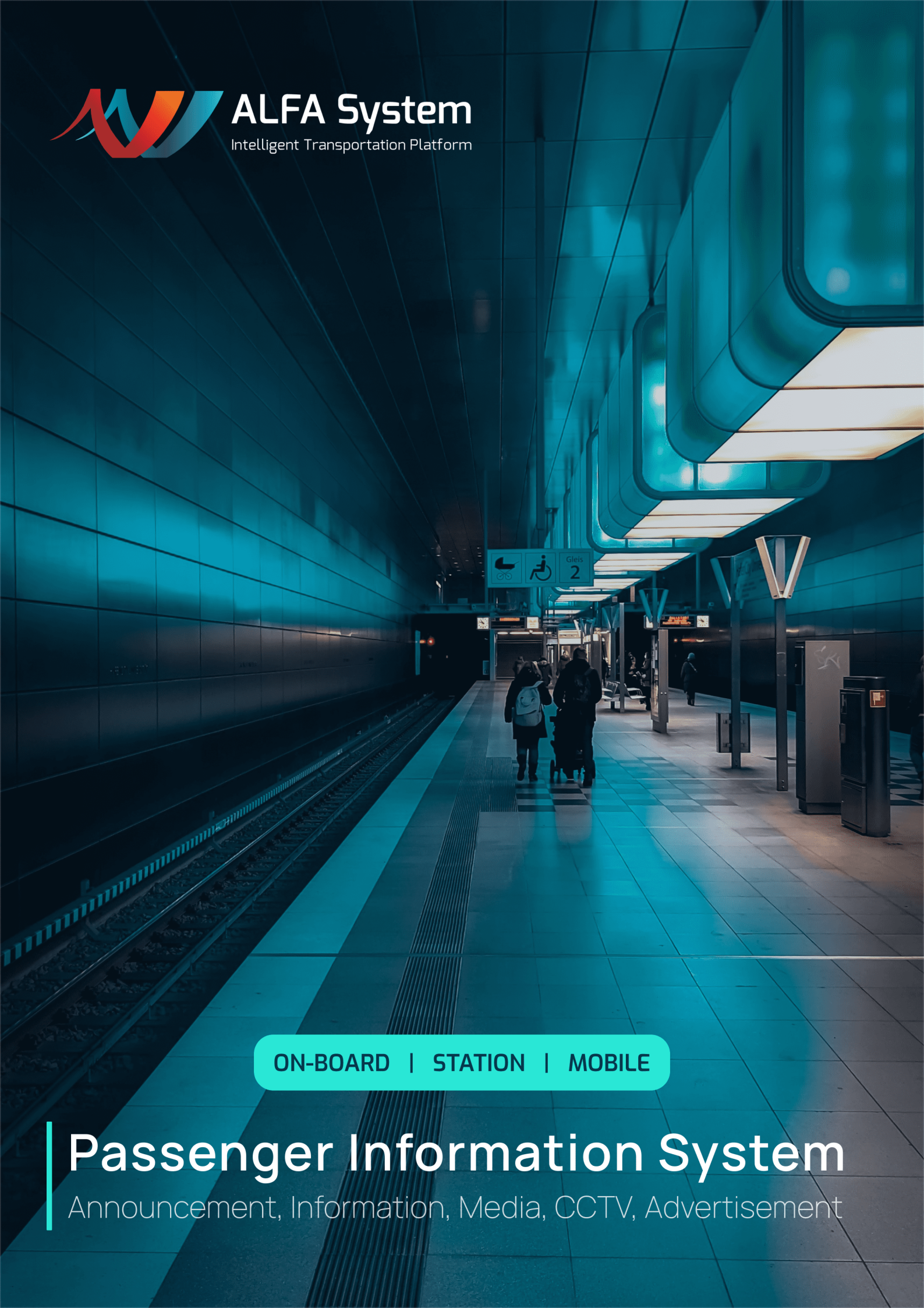


ALFA System

Intelligent Transportation Platform

ON-BOARD | STATION | MOBILE

Passenger Information System

Announcement, Information, Media, CCTV, Advertisement

ALFA System

Intelligent Transportation Platform

ALFA System is a Intelligent Transportation System Platform which collects all the resources affected transportation under a single system. It processes these information by intelligent technolojies, offers products meet the system stakeholders expectation and provides sustainable transportation.

ALFA System enables to manage the efficency of your business in the best way. It raises passenger's comfort in transportation services, manages your assets safely.

Thanks to its Mobility-as-a-Service approch, it enables the integrated use and management all of the modules in a public transport services.

On-Board PAPIS Modules

On-Board Vehicle Passenger
Information System

Media Management
System

Communication & Announcement
Management System

Indoor & Outdoor Camera
(CCTV) Management System

Driver Control
Panel (DCP)

On-Board Vehicle Passenger
Information System

On-Board Passenger Information System provides the required information and more confortable journey to the passengers.

With the LCD and LED screens in this system, passengers can be informed about stops, arrival times, route information, and at the same time, all kinds of advertisements and media content are broadcast.

- LED and LCD Panel Display
- In-Vehicle / Outside Vehicle Usage
- Hardware Independent
- Remote Control and Update
- Time and Location Based Content Playlist
- Integrated Media Management System
- Integrated Announcement Management System

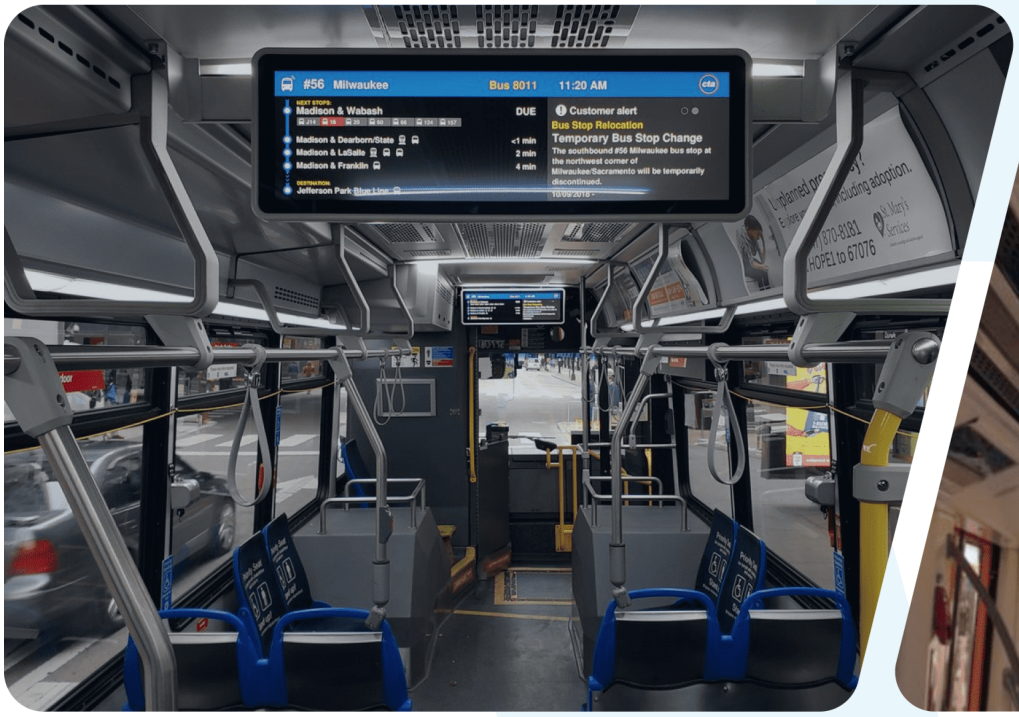
Media Management
System

With the Media Management System, the media content broadcast on the Passenger Information Screens can be managed, special media can be added to the vehicle, the media version in the vehicles can be tracked, the software update process can be performed, and the size of the data used fort he PIS in vehicles can be monitored.

Prepared content media can be published automatically on a calendar basis, with a future date,and be removed from the broadcast at the selected time.

With the help of the calender-based media, content is created for special days and weeks, it allow to passengers to be informed specifically for these days on the vehicle and at the stations.

- Photo, Video, GIF Upload
- Suitable for Different Video Formats
- Media Version Management
- Broadcast Time Management
- Automatic Playlist Management
- Making Multiple Playlists
- User Friendly Web Interface



Communication & Announcement
Management System

ALFA System I Announcement Management System provides secure and fast voice communication in public transportation vehicles. It is a smart transportation system solution that enables the driver to inform the passengers with the push-talk, the traffic control center to inform the passengers, and the passengers to communicate with the driver of the vehicle.

With the Automatic Announcement feature, emergency alerts are automatically triggered while location and time-based information can be realized, providing passengers a safe travel service.

- LED and LCD Panel Display
- In-Vehicle / Outside Vehicle Usage
- Hardware Independent
- Remote Control and Update
- Time and Location Based Content Playlist
- Integrated Media Management System
- Integrated Announcement Management System

Indoor & Outdoor Camera
(CCTV) Management System

With the CCTV System, theft, accidents and other public security incidents that may occur inside and outside the vehicle during travel can be monitored and recorded and delivered to the authorities.

With the advanced CCTV System, all cameras can be monitored live from the vehicle and the control center, and with the past tracking feature, the camera records of the events that happened on a certain date can be accessed.

ALFA Sytem works integrated with any brand and any model of hardware.

- Live Stream / Playback
- Recording with Voice
- Driver Control Panel & Control Center Management
- Multiple Camera Monitoring on the Driver Control Panel
- Face Recognition with Automated Face Collection System Integration

Driver Control
Panel (DCP)

The Driver Control Panel has been specially developed for drivers using public transportation vehicles. The Driver Control Panel, which has been developed hardware independent, can only be accessed by the personnel in charge. Vehicle operation cannot be performed by unauthorized persons. Announcements can be done over the panel and the camera stream can be broadcast.

With the Automatic Announcement feature, emergency alerts are automatically triggered while location and time-based information can be realised. It provide to the passengers a safe travel service with this feature.

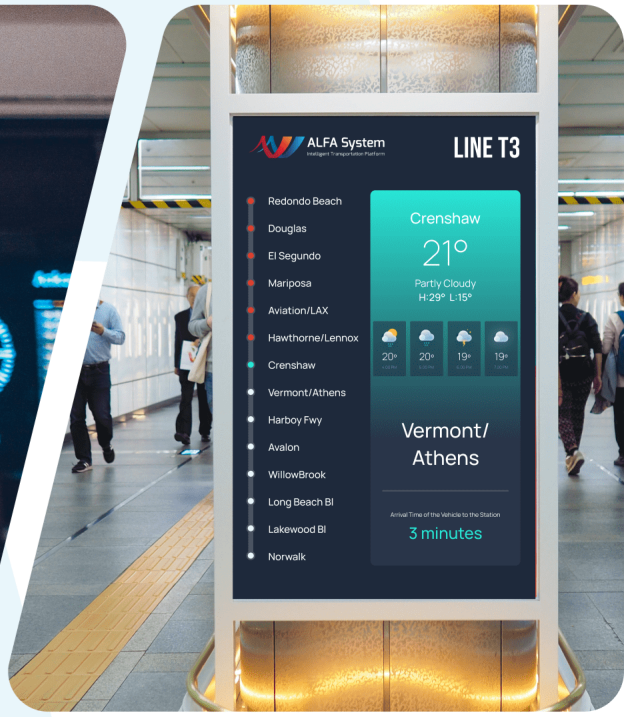
- LED and LCD Panel Display
- In-Vehicle / Outside Vehicle Usage
- Hardware Independent
- Remote Control and Update
- Time and Location Based Content Playlist
- Integrated Media Management System
- Integrated Announcement Management System

Smart Station
System

The smart station system is a common feature in modern public transport stations, such as buses, trains, and trams. This system serve as real-time information displays that provide passengers with important details about their journey.

- **Displayed Information:** The smart station system typically display various information related to the journey, including the arrival times of vehicle, the estimated time to arrival at each stop, alternative routr, the route map, and the expected duration of the journey.
- **Location Tracking:** These systems rely on GPS or other location tracking technologies to determine the current position of the vehicle. This allows the system to accurately display the upcoming stops and the remaining distance to the destination.
- **Real-Time Updates:** The information displayed on the displays is constantly updated based on the vehicle's location, ensuring that passengers have the most accurate and up-to-date information about their journey.
- **Audio Announcements:** In addition to the visual display, many smart station systems also include audio announcements. These announcements are synchronized with the visual display and provide auditory cues about the jouney and other relevant information.

Overall, smart station system plays a vital role in enhancing the passenger experience by providing accurate and timely information about their journey. They help passengers stay informed, plan their trips more efficiently, and navigate the public transport network with ease.



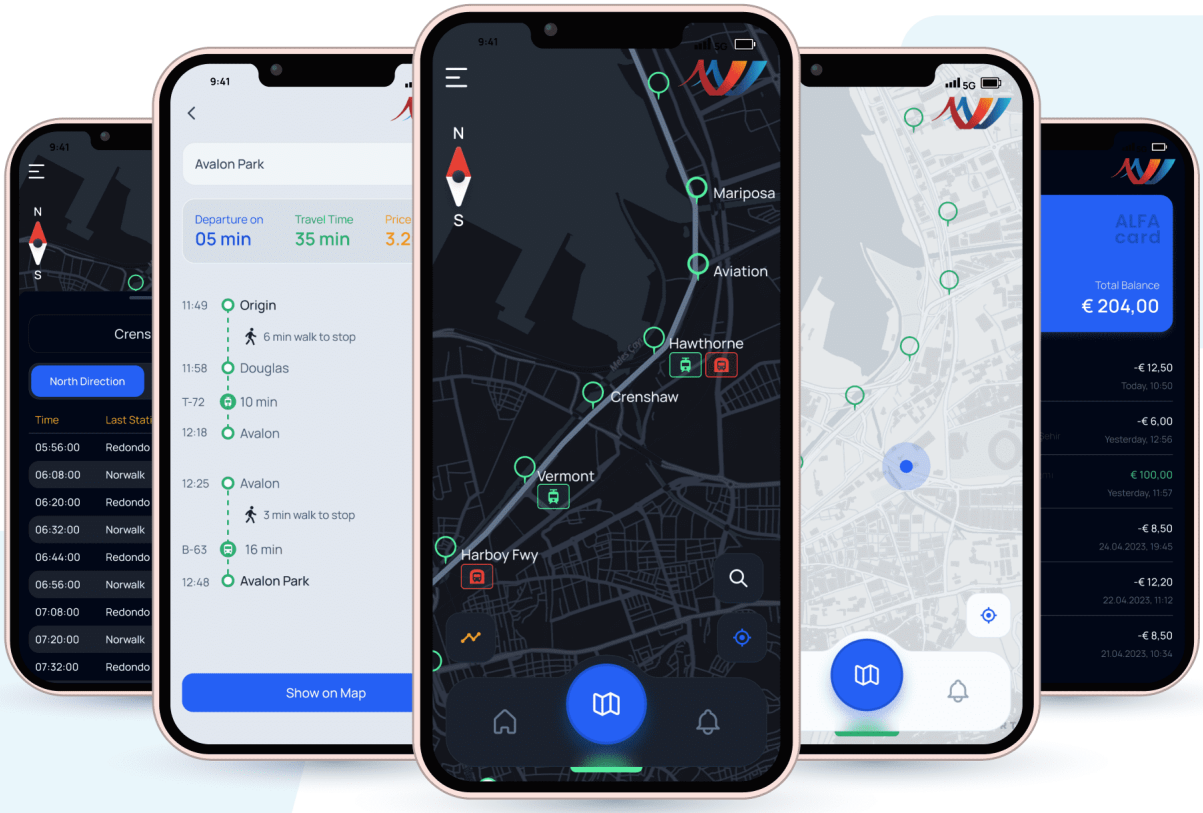
Passenger Assistant
Application

The Passenger Assistant Application is an app that helps passengers track the arrival times of vehicle and travel times of their journeys. It also displays the most suitable route from the starting point to the destination and calculates the fare for that route.

The app informs the passenger about the transfer points and the duration of each transfer during the journey. This allows the passenger to track the stages of their journey and plan the estimated arrival time at the destination.

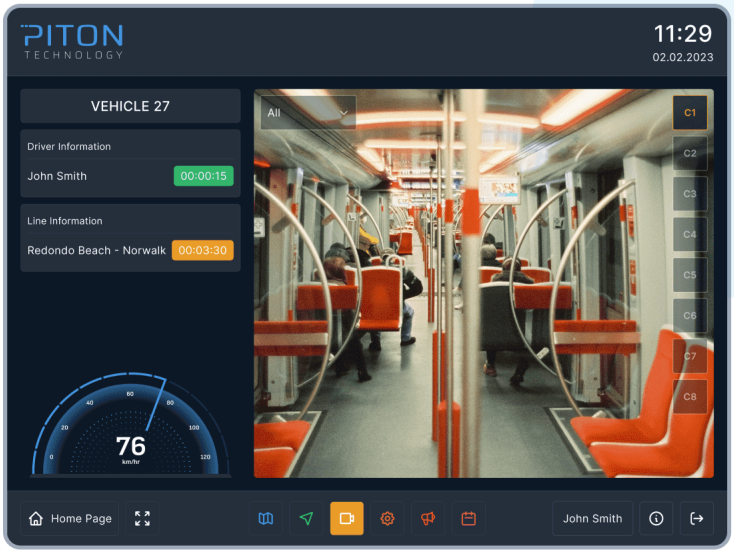
Furthermore, the Passenger Assistant Application calculates the fare for the selected route. By displaying the total fare, passengers can plan their travel budgets and make informed decisions about their transportation expenses. The app also offers a convenient payment option, allowing passengers to make the payment directly through the app, eliminating the need for cash transactions and providing a seamless experience.

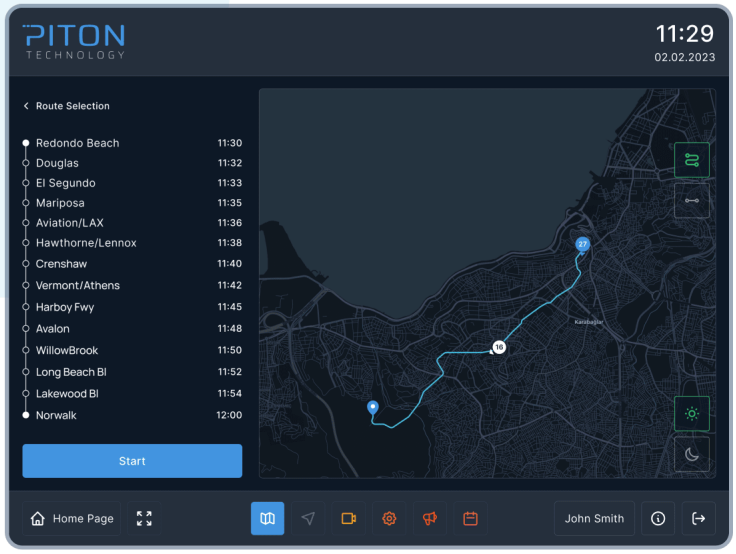
Passenger Assistant Applications generally provide real-time data to deliver up-to-date information. This allows for accurate predictions, taking factors such as traffic conditions, transportation disruptions, or delays into account.



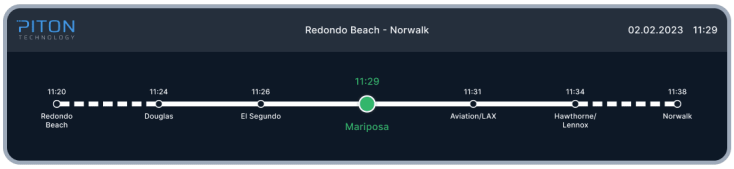
Passenger Information System
Software Interfaces

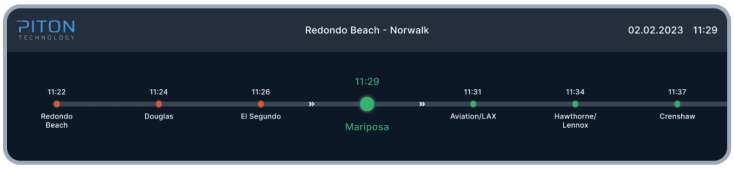
Driver Control Panel (DCP)



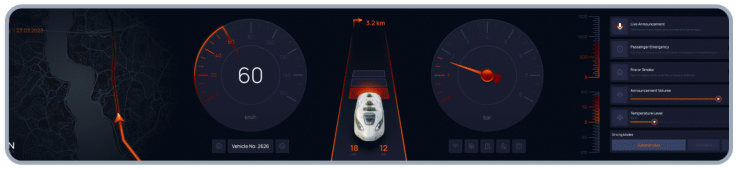


Line Route Map (LRM)

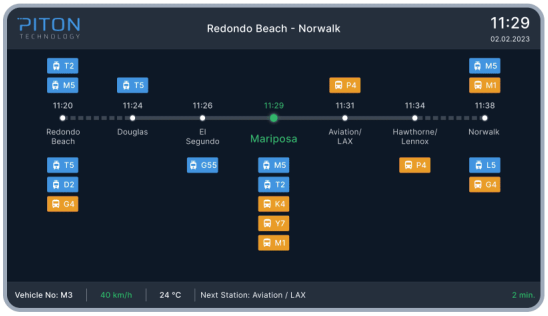


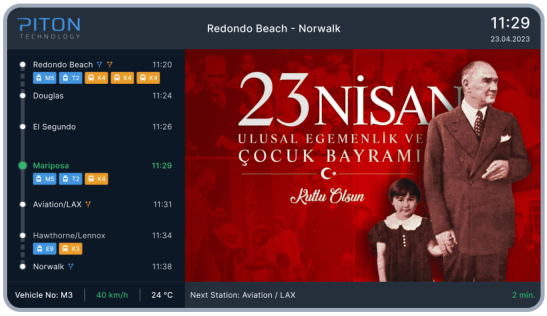


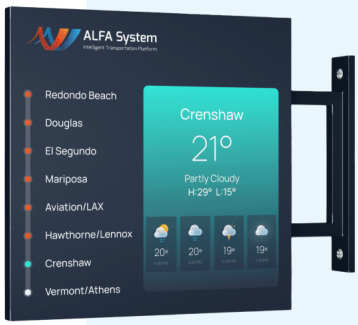
Modern & User - Friendly Interfaces



Passenger Information System (PIS)







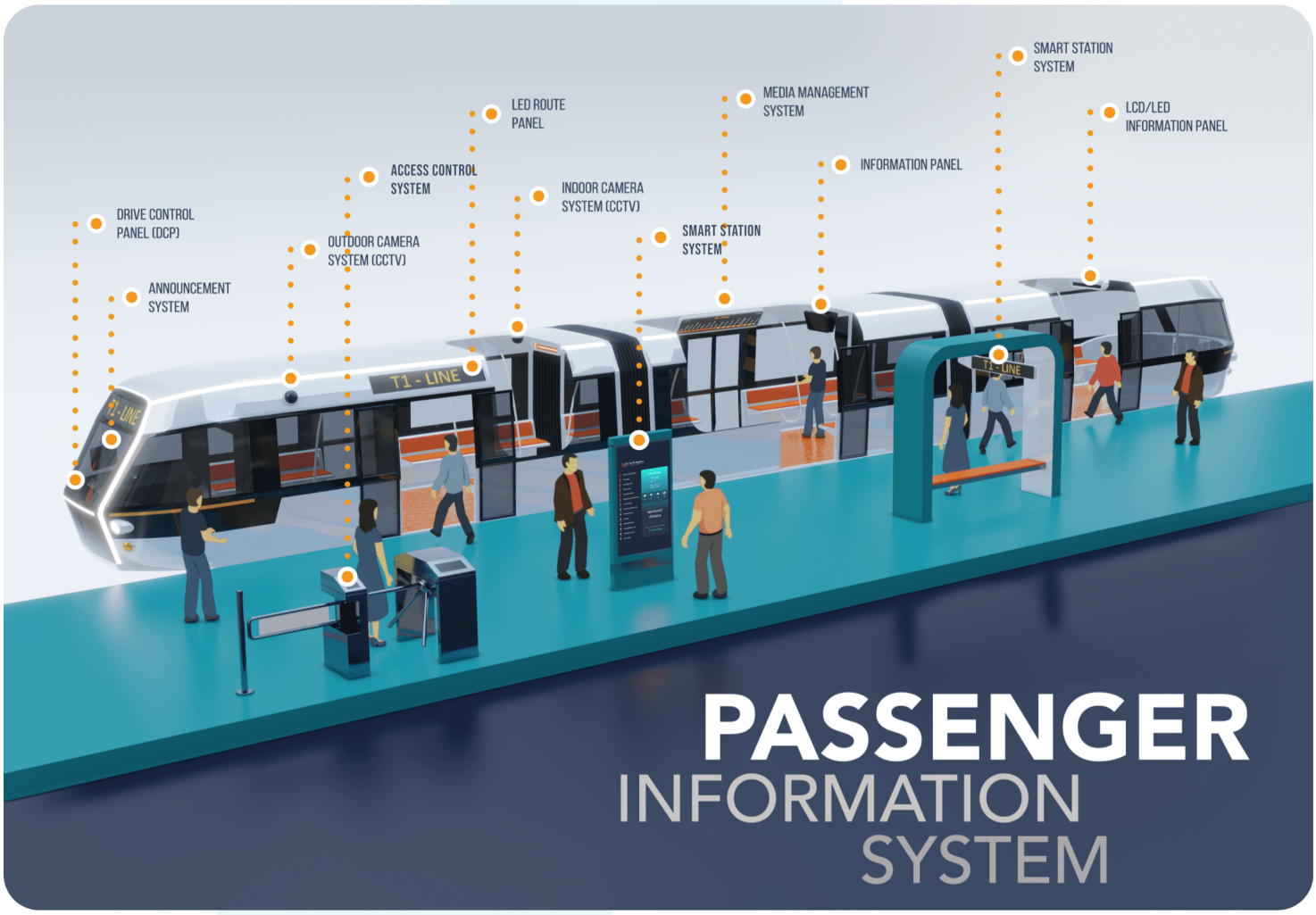
The images given above show only a few of our products. Copyright belongs entirely to PITON Technology.

Passenger Information System
Equipments

Driver Control Screen

Intercom

Indoor & Outdoor Camera



ALFA System

Intelligent Transportation Platform

PITON
TECHNOLOGY

life-touching solutions
that make life easier..

+90 222 222 12 34

info@piton.com.tr

piton.com.tr

Eskişehir Osmangazi Üniversitesi Meşelik Kampüsü ETGB
Teknoparkı Kat:2 No:202 Odunpazarı, Eskişehir, Türkiye