

SMART PUBLIC TRANSPORTATION SOLUTIONS

18.30 7 18 Mart Cumartesi 19°

Küçük Namazgah Durağı
Ümraniye Yönü

223F 16 dk. **156B** 17AL 7 dk. 129T 11 dk.

Beklediğiniz Otobüs
156B Kadıköy - Üsküdar

Tahmini Varış Zamanı
2 dakika

Otobüsün Şuan Bulunduğu Durak
Güzeltepe

Buradasınız 156B

SMART STOP PLATFORM

Verisun smart stop platform turn all the public transportation stops in the city to smart stops. With %100 local sources and using Verisun's, innovative modern Smart Station Platform. It turns the transportation systems to smart and digital system using artificial intelligence. It calculates the time, the speed of all vehicles, their lines, how much time it will take to arrive to the station by monitoring real time from a central location and offers passengers through the passenger information displays. In this way, Passengers are directed to ensure the correct bus stop and right time by Verisun Smart Stop Platform.

The future technological screens are coming to the city center. Thanks to the central smart stop screens that are placed in the city centers. The passengers could take the real time information to the passing bus lines, so you can take the information to this stop for the next few minutes.



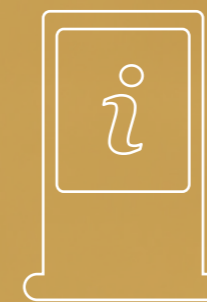


With mobile applications all cities become digital Smart Stop Mobile Application, which is developed on iOS, Android, Windows Phone and Web platforms, can help commuters get information about nearest bus stops and line information and timetable.

Aesthetic stop

-Information Display

Everything you need to know about where the stop you are in and handy with a modern design aesthetic. You can display only the line that you choose from the stop's other lines. It's easy to know when the bus will arrive to the bus stop or how many stops it is behind with Smart Stop Application.



Map -based information; All the stops near to your location are displayed on the screen , so you can easily take all the informations that you need .

Bus stops approached by giving citizens the news !

Commuters are informed before the bus arrive the bus stop by Smart Stop Application message, so they don't have to wait at the bus stop.





Artificial intelligence Stop Forecasting Module

System investigates the cities which has no digital infrastructure, collected bus stop and matching lines. It anchors routes and points where the vehicle is stopped. And it automatically saves the bus stop names and coordinates to the digital media.



Through the IBM cloud technology, Smart Stop Platform does not need additional infrastructure and server requirements. It dynamically calculates sudden traffic changes and increase the instant server. It gives uninterrupted and high speed service.



Smart Stop Platform Features

Planning and Line Management and all updates can be made easily by using Digital Stop-Line Map.

Through Line Tracking System, Cancelling Information can be given for when

- Bus that does not finish the line
- Bus leaves early from bus stop
- Bus never leave from bus stop
- Bus goes to another line.

The system gives information for planned time, regular time, delay information (delayed time). If the bus delays over 45 min. the system informs with cancellation information or if the bus route changes the system informs with CANCEL ROUTE cancellation information.



Artificial Intelligence Minute Forecasting Module

The System estimates how many minutes later the moving vehicle will be at the bus stop by analyzing statistical past data and current city density information.















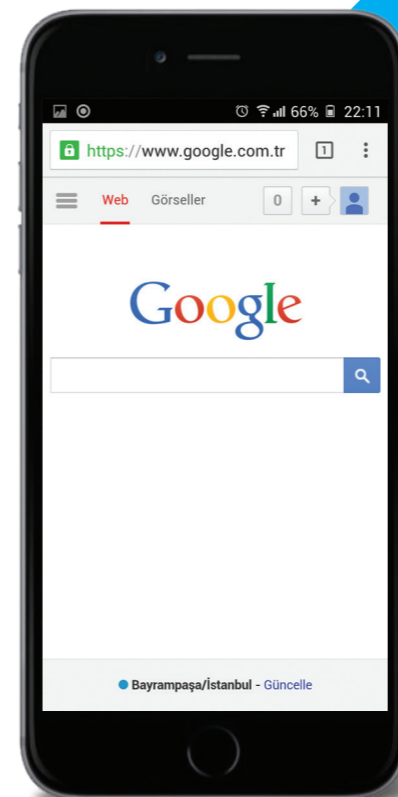
Line Forecasting Module

The system automatically detects the vehicle's route, when any line input is not made by driver. Then it finds the most appropriate line.

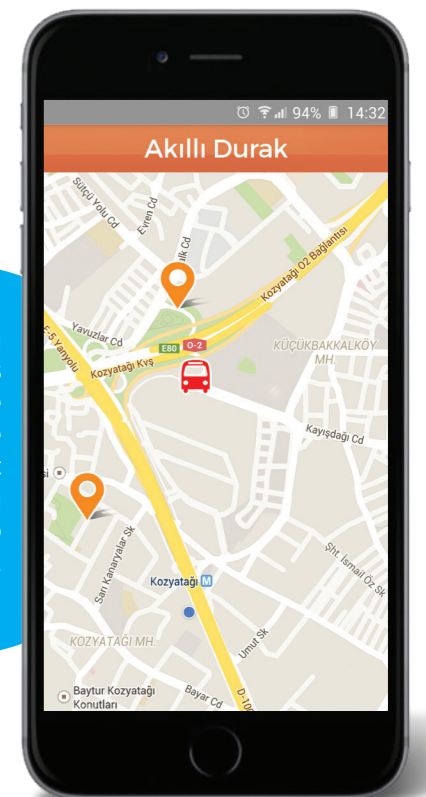


Smart Techno Stop

-  Wireless internet
-  Easy setup
-  Charging docks up to 6 phones
-  336 Wh battery
-  Quick charging as fast as AC/DC
-  3x 20W Solar panel
-  3x 1W LED lighting
-  No extra cable needed
-  Weather proof
-  2 years battery life
-  Security camera
-  iBeacon bluetooth technology



While commuters are waiting at the bus stop they spend an enjoyable time with free connection.



When commuters connect to the internet on the phone smart stop information will be delivered to the phone.



Smart Stop Application Features:

- Easy to use
- Bus location information
- Easy access to Departure times , Bus route , and all the stop's information.
- Access to the STOP-LINE real time schedule.
- Tracking the closest bus to our location , the upcoming and passing buses.
- Display all the lines that are passing from the stop that we choose
- Line Filter
- Alarm feature

Benefit of The Citizen

To explain the benefits of Verisun Smart Stop, ask all the questions in your mind and consider that you have received a favorable response. You can get positive answers to many questions about Verisun's Smart Stops.

- When my bus will come ?
- Have I missed the bus !!?
- How many minutes will it take for the next bus to come?
- Does the bus which I wait pass from here?
- What part of the city am I in ?
- May there be any delay for the route which I will use?
- Can I learn the arrival time of the bus by my mobile phone without going bus stop ?
- Can I learn the bus routes and timetables from the Internet?
- Can I get any notification 10 minutes before the bus come?
- I missed my bus , so which bus should I take now !! ?
- Which bus goes to the district where I will go?

7 cities are serving this information to 25.000.000 citizens with this system which has the highest world-class technology. City managements are going to have the most recent technological innovations with this platform at the same time, they always provide pioneering services.

The benefit from Smart Stop System

- Decrease the waiting time of the passengers
- It helps the public transport organization with a central management system.
- Increases the citizen satisfaction.
- It directs passengers to the right stop on destination route.

You need only Vehicle Tracking Device

Vehicle tracking device in the absence of bus and tramway case comes vehicle tracking devices with the system. In the absence of vehicle tracking device on the buses and tramways, vehicle tracking devices come with the system. There is no need for any additional equipment for the smart stop platform.

Integrated Public Transportation System “How2Go?”

“How2Go” is an algorithm that plans the best road between two points integrated with subway, tram and bus. “How2Go” finds the road using the real time location of the buses and plans the road based on arrival time.

Route planner gives these responses to you with “How2Go?”

- Walking to the stop
- Arrival time and line ID of the bus
- When you should get off the bus
- (If exist) The walking route for switching to other transportation
- (If exist) line number and arrival time for the next transportation
- The name of the stop to get off the bus
- Walking route to your final destination



Free Wi-Fi On Buses

People can connect to internet by Wi-Fi on public transportation and they enjoy online traveling with free connection.

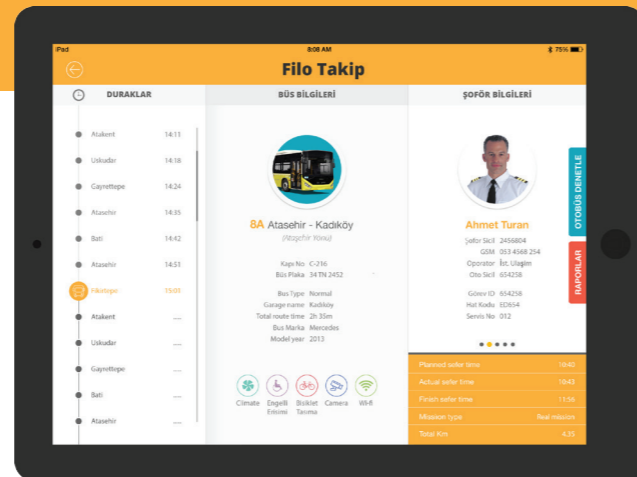
- Passengers request internet connection via 3G modems.
- Passengers request is transmitted to the data center for 3G via VPN.
- Encryption is authorized to passengers.
- That saves the logs and checks the forbidden sites.
- That connects you to Internet.

*According to Law no.5651 the Hotspots must save the logs.

Fleet Management

Fleet Management System allows you to follow Public transport vehicles instant location, speed and route on map.

- Possibility of following the bus routes
- Possibility of analysis
- Tracks instant location of vehicles
- Performance analysis for vehicles and drivers



Interactive Bus Bluetooth

User can listen to music, read books and use the applications. After user gets off the bus, these free services end. Passenger can use these services with price if they want.



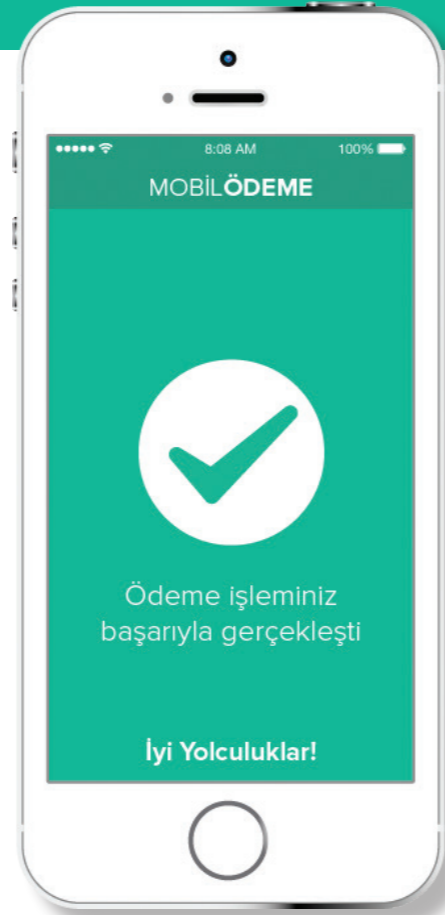


Mobile Payment

Mobile Payment is a payment system developed with iBeacon and Bluetooth Low Energy (BLE). Firstly, iBeacon is placed to the paymentplace in public transport. Then mobile payment device is placed where driver can see it.

Users who have smart phones with Bluetooth 4.0 can download the app and use it.

Also, general and customized notifications can be sent to users depending on their locations.



Our partners and ventures





verisun
Smart Life

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