APP *TDS* Mobile

The TDS Mobile app is the innovative onboarding solution proposed by Digitax to connect radio cabs with the TDS Cloud fleet management and ride launching system, designed for radio cabs who want to use their own Call Center or take advantage of the ride launching service through an external Call Center.

The app is compatible with all the latest Android devices and can be used on both smartphones and commercial tablets. The app was completely redesigned from the ground up with state-of-the-art technologies and following the usability standards dictated by Material Design, designed by Google and used globally by the most emblazoned apps.

The product was created by leveraging the experience Digitax has gained over the years directly in the field and in close contact with cab professionals in large cities, with an eye to the specific needs of small and medium-sized businesses as well.
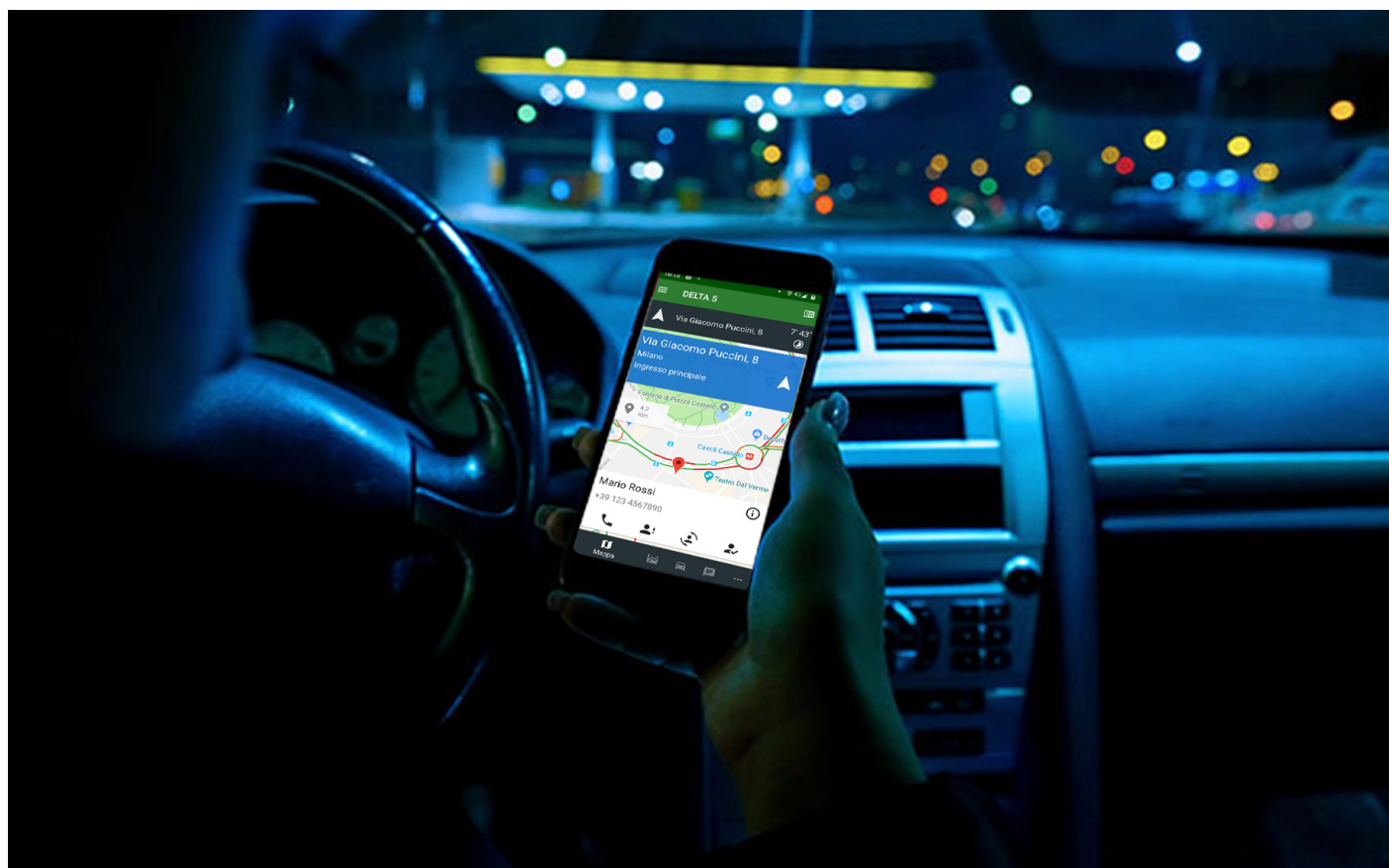
L'APP **TDS** Mobile

Design

The app was designed and built to ensure better usability on smartphones and tablets, starting with the features provided in the version now widely used on our edge terminals and completely redesigning the user interface to the small size of the most common smartphones.

Usability

The app is divided into areas, some always visible and others dynamic, which change according to context or user interaction. The app displays at the top, always visible, a status bar that provides access to the main menu and, at the same time, highlights the status of the meter.

Immediately below, is a smart bar always displays the most important information, adapting dynamically according to the context.

In the middle, a content section that represents the main area of the app, dynamically displaying the selected feature from time to time.

At the bottom, the navigation bar allows you to quickly move between the main sections of the app, showing the relevant content.

The ride offer phase is designed to show the driver all the necessary information and give him the possibility to interact intuitively, easily and quickly.

APP **TDS** Mobile
Rides Management

Ride offer

Special attention has been paid to the design of the new ride offer screen, clearly showing all the details available and essential for quickly evaluating and specifying the time of arrival from the customer.

The address requested by the customer is specially emphasized, and specific icons always indicate the level of reliability and importance of the ride.

In order to accept the ride, it is necessary to declare the arrival time at the pick-up address using the smart keypad, which also includes the ability to show the customer's location and real-time traffic in that area on the map.
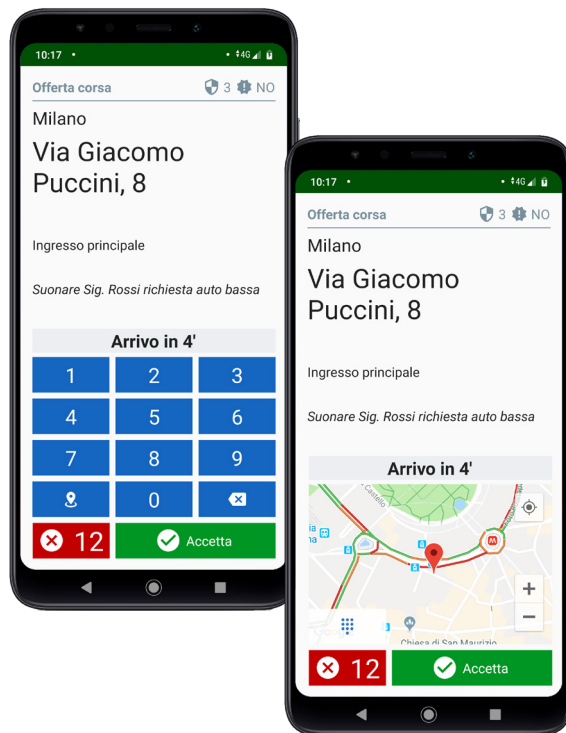
Ride hired

After acceptance, the Central Unit sends the assignment confirmation to the app with all the information about the ride (coordinates, customer data, etc.). During the ride, the device is in the state of "Booked" and provides specific features, which are useful before and after reaching the ascent point indicated by the customer. The context bar, in this state, always shows the destination route and the remaining arrival time, compared to what was stated during acceptance. The Map screen, in this state, displays additional information, such as the ascent address and customer data, the time left to arrival, and the distance to the pick-up point. From here you can directly start navigation using a navigator app from those installed on your smartphone (such as, for example, Google Maps). If necessary, you can access the full details of the ride or use hotkeys to send specific communications to Central, such as the customer's absence, inability to continue the ride, any delays, etc. Once at the pick-up point, it is possible to declare that the passenger has been picked up. This allows you to specify or change the destination desired by the customer and use the external navigator in this case as well.
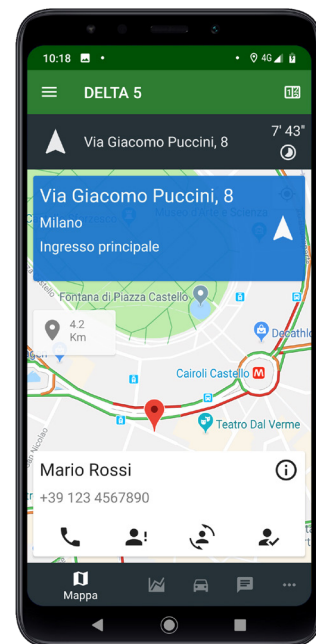
APP **TDS** Mobile
Rides Archive

The app provides a complete and detailed archive of all rides received, with the ability to view all details of an individual ride and to specify the final amount (if needed for deferred payments).
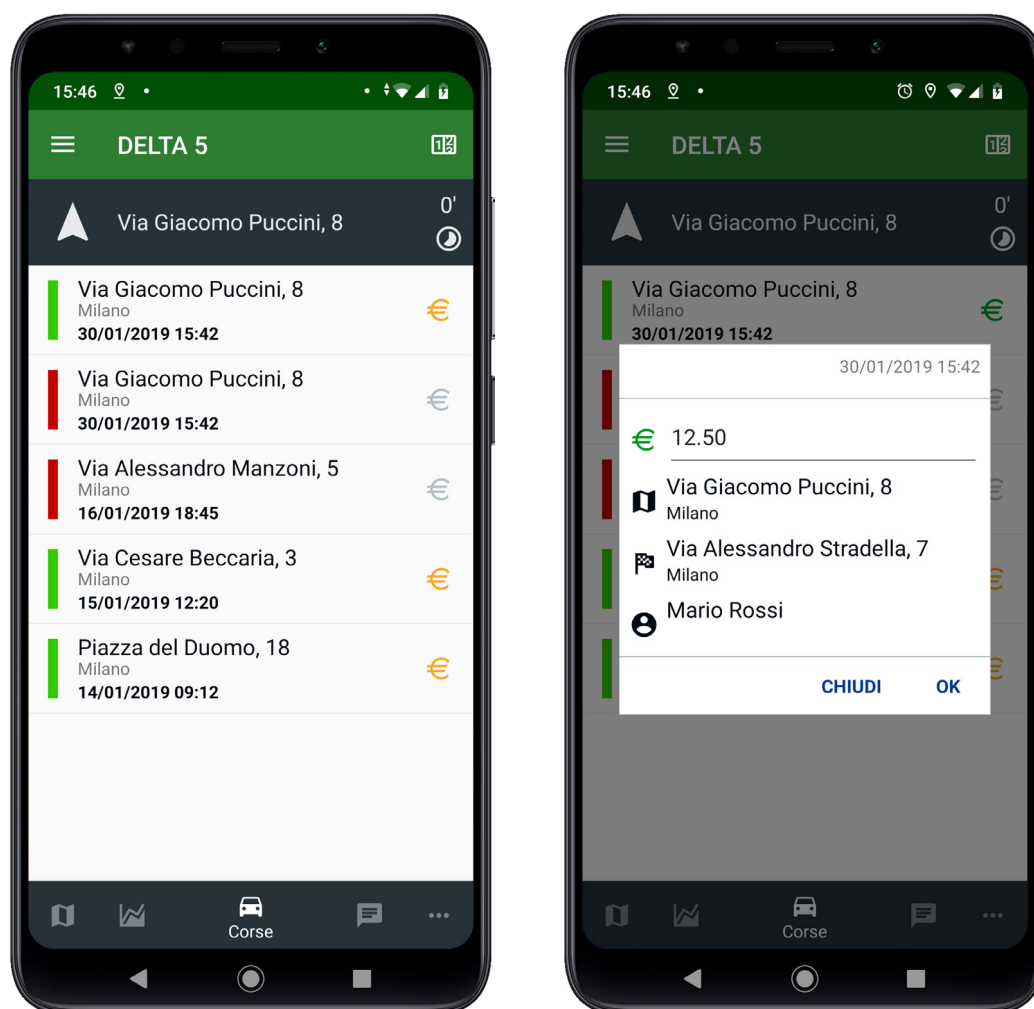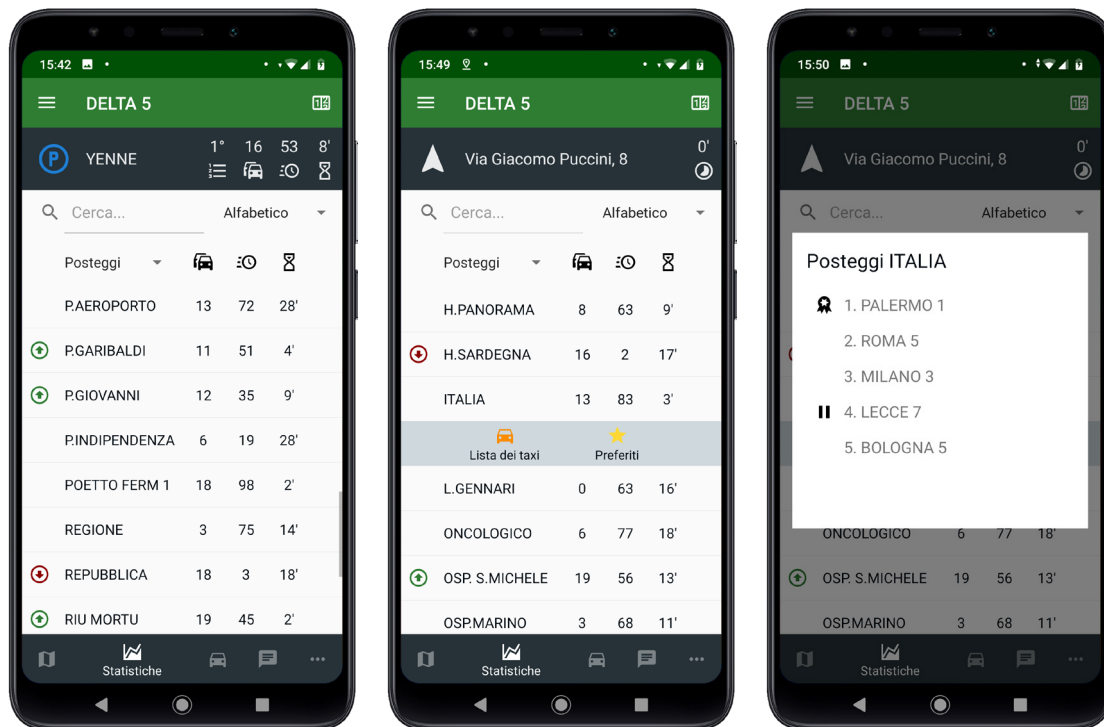
APP **TDS** Mobile
Functionalities

Zones, parking and statistics

Zones and parking areas are freely defined at Central for each individual Radiotaxi and are then used by the app to assess, based on one's GPS location, whether or not one is within a specific cab stand. Entering a zone or a parking lot "registers" you to it, that is, you automatically enter a virtual priority queue used by Central for cab search algorithms.

The context bar, when registering to the parking lot, shows one's position in the queue and other statistical data (such as, for example, waiting times and cars).

The Statistics section, which is automatically updated by Central at regular intervals, shows the complete list of zones and parking lots indicating the most advantageous ones to move to and, on request, the list of cabs present.

APP **TDS** Mobile

Embedded map

The Map section shows your location in real time and the taxi stands in the displayed area, and you can manually change the zoom level and temporarily display a different map area. Selecting one of the visible parking areas shows its details (list of cabs present and their statistics).
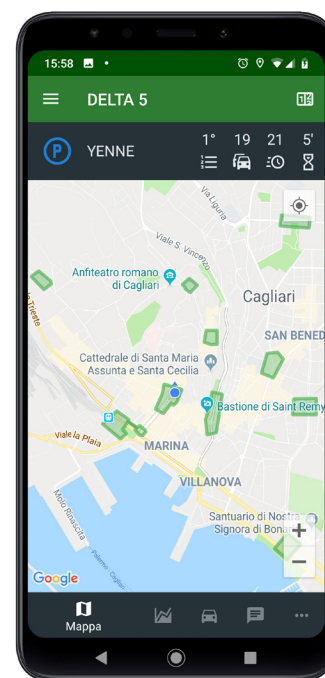
Messaging

The Messages section has been designed in conversation style, so you can keep track of communications sent to Central and their responses. You can send free text messages or, for simplicity, use a customizable list of predefined messages. If necessary, a message can be selected to be read in full screen.

APP **TDS** Mobile Functionalities

Central notices

Notices from Central to the entire cab fleet are shown within the Notices section. When an alert arrives, an indicator is shown indicating unread alerts.

Open rides

This section shows a list of runs submitted to multiple cabs at the same time (referred to as, precisely, Open Rides or Visible Proposals or Contest Rides, etc.). To participate in an Open Ride, simply select it from the list and accept it, giving the estimated time of arrival. The Central Unit processes all acceptances received from the various cabs that participated in the contest and assigns the ride to only one cab (according to the criteria configured for each individual Radiotaxi). All others receive a "ride not assigned" message.

Integration with taximeters

The TDS Mobile app is natively compatible with the latest generation Digitax taximeters that allow remote connection (via Bluetooth or other supported modes). In this configuration, the status of the taximeter is read in real time by the app and displayed in the status bar, which changes color to busy (red) and free (green). In the absence of a connected taximeter, the app allows you to manually change the free/busy status using a special button on the status bar.
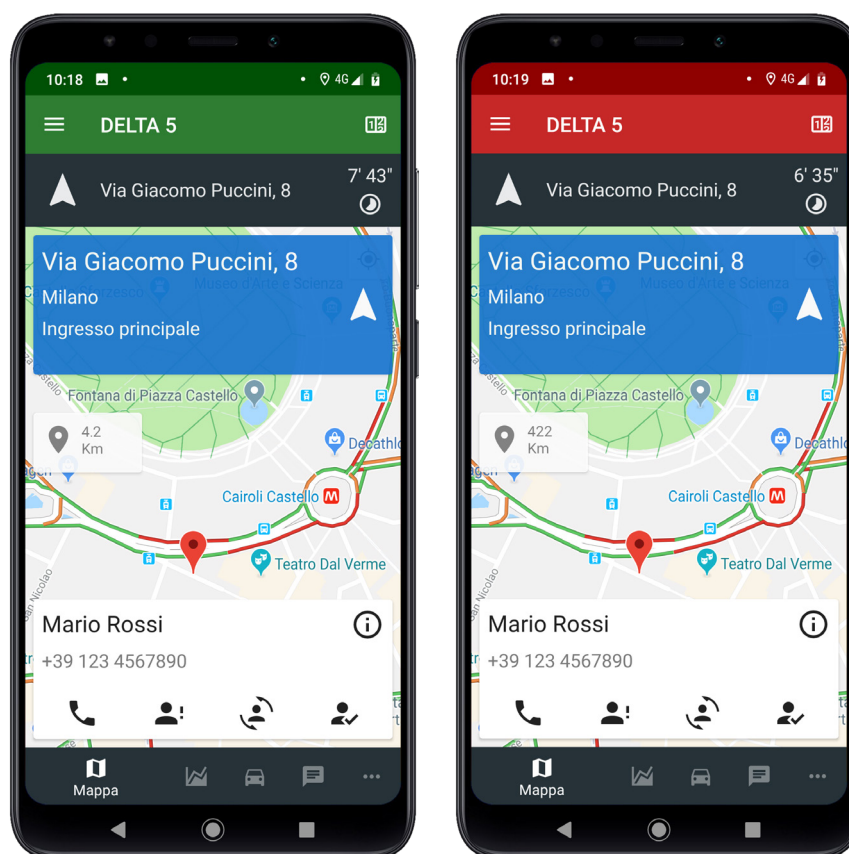
APP **TDS** Mobile
Functionalities

Onboard terminals vs App

	Onboard Device by Digitax	App TDS Mobile on Smartphone/Tablet
GPS	Pro GPS external antenna	Embedded receiver (quality is determined by the smart device used)
Connectivity	Pro 2G/3G/4G external antenna	Embedded antenna (quality is determined by the smart device used)
Odometer	Connection by wiring	No
MID Taximeter	Yes	No
External Taximeter	Yes	Supported functionalities only
Automotive Certifications	Yes	No
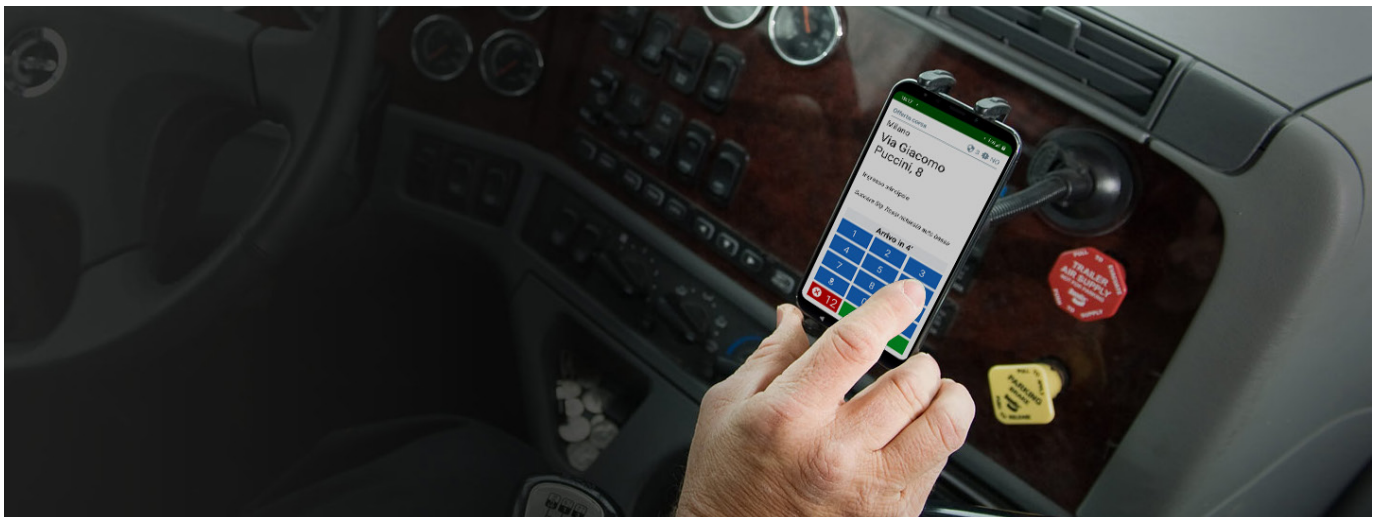
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