

Transport Logistics - User Guide

Coal on the road: DO, trip, diesel, bilty - settled.

For mineral haulage that still closes on a whiteboard. Raise a trip, log diesel, print the bilty, settle - without leaving the floor.

Live system: <https://transport-web-production-4515.up.railway.app>

Access (demo only)
admin / admin123

Try this

1. Create trip
2. Settlement
3. PDF bilty

Full user guide

Transport Logistics AppUser Guide
Web & Mobile (Android / iOS)
Version 1.0 | August 2026

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Production Environment

Use these URLs to access the live Transport Logistics application deployed on Railway.

Web Application

<https://transport-web-production-4515.up.railway.app>

API (backend)

<https://transport-api-production-866f.up.railway.app/api>

API Health Check

<https://transport-api-production-866f.up.railway.app/api/health>

Sample Login

admin / admin123 (see credentials table below)

Sample Login Credentials

Use the following demo accounts to explore the application. Each role has different menu items and permissions.

Role

Username

Password

Access Level

Administrator

admin

admin123

Full system access

Office Staff

staff

staff123

Trip dispatch & bilty

Supervisor

supervisor

super123

Settlement & diesel

Note: Change default passwords in production. Admin can disable Office Staff accounts from the Users screen.

1. Introduction

The Transport Logistics App is an offline-first platform for managing coal and mineral road transport operations against Delivery Orders (DO). It replaces Excel-based workflows with a unified system for dispatch, settlement, diesel tracking, and printable bilty (consignment slip) generation.

Supported platforms:

Web browser (Chrome, Edge, Firefox) - responsive desktop and tablet layout

Android mobile app (APK)

iOS mobile app (iPhone / iPad)

1.1 Key Features

Role-based access (Admin, Office Staff, Supervisor)

Delivery Order (DO) management with due quantity tracking

Trip dispatch with vehicle, driver, owner, and broker details

Automatic freight settlement calculations (shortage, TDS, gaddi charges)

Diesel report and fuel station tracking

Bilty PDF generation and printing

Offline mode with automatic sync when internet is available

Dashboard reports and CSV exports

2. Accessing the Application

2.1 Web Application

Production web URL: <https://transport-web-production-4515.up.railway.app>

Steps to open the web app:

1. Open Chrome, Edge, or Firefox browser.
2. Navigate to <https://transport-web-production-4515.up.railway.app>
3. The login screen appears. Enter username and password from the credentials table above.
4. Click Sign In. You are redirected to the role-based dashboard.

2.2 Mobile Application (Android)

1. Install the APK file (app-release.apk) on your Android device.
2. Enable 'Install from unknown sources' if prompted (Settings → Security).
3. Open Transport Logistics from the app drawer.
4. On first launch, ensure the device has internet to sync master data.
5. Log in with your username and password.

2.3 Mobile Application (iOS)

Install via TestFlight or enterprise distribution. Login steps are identical to Android.

2.4 Login Screen

The login screen accepts Username and Password only. If your account is disabled by Admin, login will fail with 'Account disabled'. After successful login, your session is saved locally so you can work offline; credentials are refreshed when online.

3. Navigation Overview

The app uses adaptive navigation: on mobile, a bottom navigation bar and drawer; on web (screen width ≥ 768px), a side navigation rail with expandable sections.

Menu Item

Admin

Staff / Supervisor

Dashboard

Yes

Yes

Delivery Orders

Yes (create/edit)

View only

Trips

Yes

Staff: create/edit

Settlements

Yes

Supervisor: create/edit

Diesel Report

Yes

Supervisor: create/edit

Masters

Yes

Limited add

Users

Admin only

No

Company Settings

Admin only

No

Reports

Yes

Yes

Sync Status

Yes

Yes

4. Administrator Guide

Log in as admin / admin123

4.1 Dashboard

View KPIs: trips today, pending settlements, diesel spend, open DO quantity, and freight payable.

4.2 Delivery Orders (DO)

Create and manage Delivery Orders:

Go to Delivery Orders New DO.

Fill: DO Number, Project (e.g. Amlohri), Party, Quantity (MT), DO Date, Valid Upto, Opening Qty, Rate, Destination, Auction Type, SDM Permission.

Save. Due quantity auto-calculates as trips are dispatched.

New trips are blocked when DO is expired or due quantity is exhausted.

4.3 User Management

Go to Users Add User.

Set username, password, full name, and role.

To disable Office Staff: edit user toggle Enabled off. Disabled users cannot log in.

Reset password by editing user and entering a new password.

4.4 Masters & Company Settings

Masters hub manages Projects, Parties, Destinations, Vehicles, Drivers, Owners, Brokers, and Fuel Stations. Company Settings configures bilty footer (company name, address, email), shortage threshold (0.050 MT), TDS % (default 1%), and default gaddi charge.

5. Office Staff Guide

Log in as staff / staff123

5.1 Creating a Trip (Dispatch)

Go to Trips New Trip.

Select an open Delivery Order with available due quantity.

Select Vehicle (or add new from Masters).

Enter Trip Date, Challan Quantity (MT), Diesel Advance, Cash Advance.

Enter Driver name/phone, Owner name/phone, Broker (optional).

Enter Destination, Invoice No., E-Way Bill No. (if applicable).

Save. A unique Bilty Number is generated (e.g. BLT/2025/00001).

Tap Print Bilty to generate and share the consignment slip PDF.

5.2 Viewing Trips

Trips list shows all dispatches with status (Dispatched, In Transit, Delivered, etc.).

Tap a trip to view or edit details. Settled and paid trips cannot be edited unless you are Admin.

6. Supervisor Guide

Log in as supervisor / super123

6.1 Settlement

Complete freight settlement after delivery:

Go to Settlements select an unsettled trip.

Enter Received Quantity (MT) and Rate (auto-filled from DO if available).

System calculates: Final Freight, Shortage, Shortage Amount, TDS, Balance Freight.

Enter moisture %, gaddi charge, other deductions if applicable.

Enter bank details: Account Name, Number, IFSC, Branch, Bank, PAN.

Add remarks and Save.

Mark as Paid when payment is completed.

6.2 Settlement Formulas

Total Advance = Diesel Advance + Cash Advance

Final Freight = MIN(Challan Qty, Received Qty) Rate

Shortage = Challan Qty Received Qty

Shortage Amount = Shortage Shortage Rate (when shortage > 0.050 MT)

TDS = Final Freight 1%

Balance Freight = Final Freight Advances Shortage Deductions TDS

6.3 Diesel Report

Go to Diesel New Entry.

Enter Date, Vehicle, Office, Fuel Station.

Enter From DS, Actual amount, NEFT/Cash, Card Recharge, Balance, Remarks.

Filter list by date range or vehicle. Export from Reports.

7. Offline Mode & Sync

The app works offline. Create trips, diesel entries, and settlements without internet.

Changes are saved locally and queued in the sync outbox.

When internet returns, the app automatically pushes changes and pulls updates.

Sync status badge shows: Synced (green), Pending (amber), or Conflict (red).

Offline banner appears at the top when no connection is detected.

On mobile, pull down or tap Sync in the menu to force sync manually.

8. Reports & Exports

Available from Reports menu (all roles with access):

Settlement Statement - matches legacy FORMATE Excel columns

Diesel Report - date, vehicle, fuel station, amounts

Delivery Orders - admin DO export with due quantities

Dashboard - live KPIs on home screen

9. Troubleshooting

Issue

Solution

Cannot log in

Verify username/password. Check if account is disabled. Ensure API server is running at the production API URL.

Web shows wrong site

Use the correct web URL from README. Old transport-web-production.up.railway.app may point to an unrelated site.

Login works but no data on web

Tap Sync in the app header. Check sync warning on login screen. Verify API health endpoint responds.

Data not syncing

Check internet. Tap Sync manually. Review sync badge for pending count.

Cannot create trip - DO expired

Admin must extend Valid Upto date or create new DO.

Insufficient due quantity

Reduce challan qty or Admin increases opening quantity on DO.

Bilty PDF blank or error

Ensure company settings are configured under Admin Settings.

Appendix A: Sample Data

The system is pre-seeded with demo data for testing:

Projects: Amlohri, Nigahi, Jayant, Dudhichua, Khadia, Kakri, Bina, Krishnashila, Suliyari

Sample DO: 3002002714 (BIHAR FOUNDRY & CASTING LIMITED, Block B, 3016 MT)

5 sample trips with vehicles JH05DY7656, JH05DQ4857, etc.

Appendix B: Support

Web app: <https://transport-web-production-4515.up.railway.app> API health:

<https://transport-api-production-866f.up.railway.app/api/health> For technical support,
contact your system administrator.

Prepared by Digicane Systems. Treat demo accounts as public evaluation credentials.