



# Looking for **Smart Transport & Logistics Management Solutions** for the **MINING INDUSTRY?**

## THINK eTrans

Specifically designed for the mining industry, smart Transport & Logistics Management Solution from eTrans integrates IoT-driven automation, real-time tracking, and comprehensive analytics ensuring operational efficiency, safety compliance and risk mitigation - thereby improving overall mining productivity.



## BENEFITS



### Enhanced Security

Prevents unauthorized vehicle access and material theft.



### Operational Efficiency

Reduces delays, demand - supply gap through better planning and optimizes fleet movement.



### Real-Time Monitoring

Provides live insights into vehicle and personnel movement.



### Scalability

Supports large-scale mining operations and fleet expansion.



### Productivity Enhancement

Better utilization of assets leading to lesser number of vehicles generating higher output, helps in cost optimization, increasing driver efficiency and lesser carbon footprint



### Regulatory Compliance

Ensures adherence to mining safety protocols.

## KEY FEATURES



### Real-Time Tracking & Monitoring

- GPS-enabled tracking for mining vehicles and heavy equipment.
- Route deviation alerts and theft prevention measures.
- Live tracking dashboards for real-time fleet and asset visibility.
- Mining operational visibility with reports like Trip Summary, Stoppage Details, Speed Details, Geofence view and Waypoint view.
- Hourly / Shift based Monitoring Reports of Mining Assets.



### Inbound & Outbound Logistics

- Dynamic ETA analysis to optimize mining material transportation.
- Geofencing solutions to track mining fleet movement.
- Delay analysis and congestion management for improved efficiency.



### Safety & Compliance Management

- 24x7 monitoring and emergency alert systems for mining vehicles.
- Geofencing of restricted zones to prevent unauthorized access.
- Intelligent video surveillance for improved operational safety (optional)

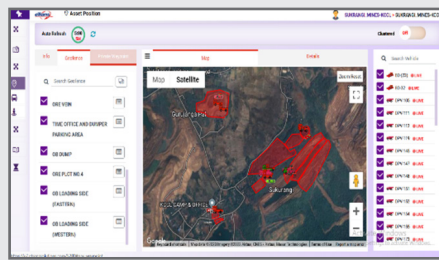


### Data Analytics & Business Intelligence

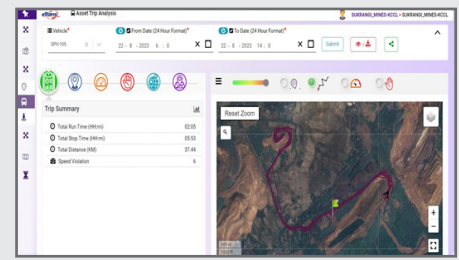
- Custom dashboards with KPI visualization for mining operations.
- Stoppage and speed violation reports to improve safety.
- Comprehensive MIS reporting for compliance and resource planning.
- Decongestion inside mining areas and route optimization
- Trip and cost calculation through Geofence and RFID Readers along with ERP integration
- Centralised Data Centre (CDC). To ensure timely information and escalation to management at various levels to minimize non-compliance and security risks. It tracks vehicle deviations from assigned routes to prevent theft, implements geo-fencing for high-risk zones, and provides real-time alerts. Additionally, it facilitates TAT updates for delayed vehicles, analyze transporter-wise / strategic location wise performance, and delivers comprehensive MIS reports for informed decision-making.



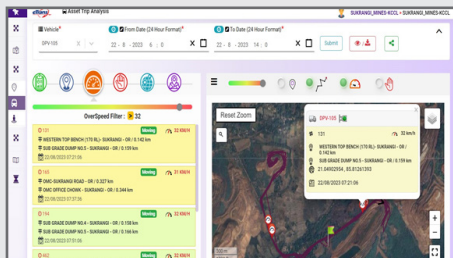
WAYPOINT VIEW



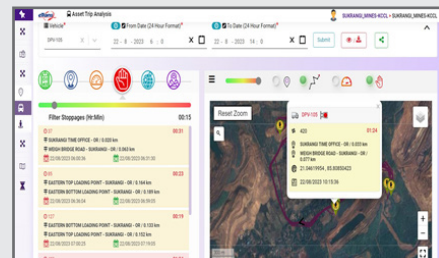
GEOFENCE VIEW



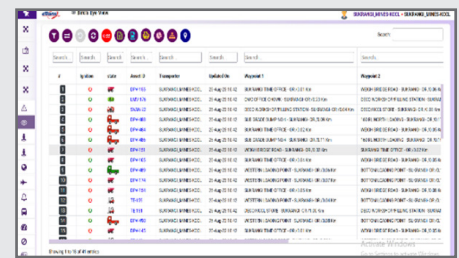
TRIPS SUMMARY



SPEED DETAILS



STOPPAGE DETAILS



BIRDS EYE VIEW

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