

4TEL PORT SOLUTIONS



Real-Time Visibility of Sea or Land Port Operations

4Tel can provide port operators with better real-time visibility of cargo movements. Our Intermodal Performance Management (4Port) system is capable of capturing real-time performance of trucks, ships, trains and wagons in and around an intermodal depot.

MONITOR

Monitor Port activities

4Tel's 4Port software enables operators to monitor and record large sets of data regarding truck movements and container lifts for stevedoring operations. This data is collated and displayed on an interactive dashboard built by 4Tel's team of software engineers. It is the optimal design for clear, concise and accurate data collection and display. Separate customised interfaces are available to view road and rail operations within and around the port.

MEASURE

Measure performance and compliance

The 4Port software equips staff to manage and efficiently plan operations using available information. Performance measuring tools incorporated into 4Port can include trip information for ships, rail, and road; calendar views incorporating weekends and non-working day timeslots; slot booking; and rail yard maps. The 4Port software can also incorporate different functionality and access for different users such as port authorities, stevedores, and rail operators.

OPTIMISE

Streamline multiple data sources

4Port streamlines multiple sources of data into one system. Management staff are able to focus on future planning and expansion as 4Port collates ship, road, rail, and stevedore information. This ensures that informed solutions can be developed for challenges such as landside or port congestion.

4Tel offer complete customisation of software packages so the ideal solution can be developed, ensuring 4Port is always scalable and cost effective.



Real-time GPS tracking



24/7 Technical Support Team



Software calculates variance of actual running time to planned schedule



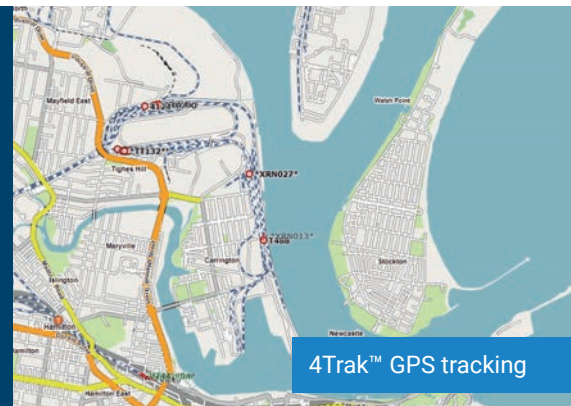
Complete product customisation available



Manage and plan for sea, road, and land operations



Software sorts missing truck data to automatically find matches



4Trak™ GPS tracking

4Tel provides innovative software solutions to manage road and rail movements within and around ports.

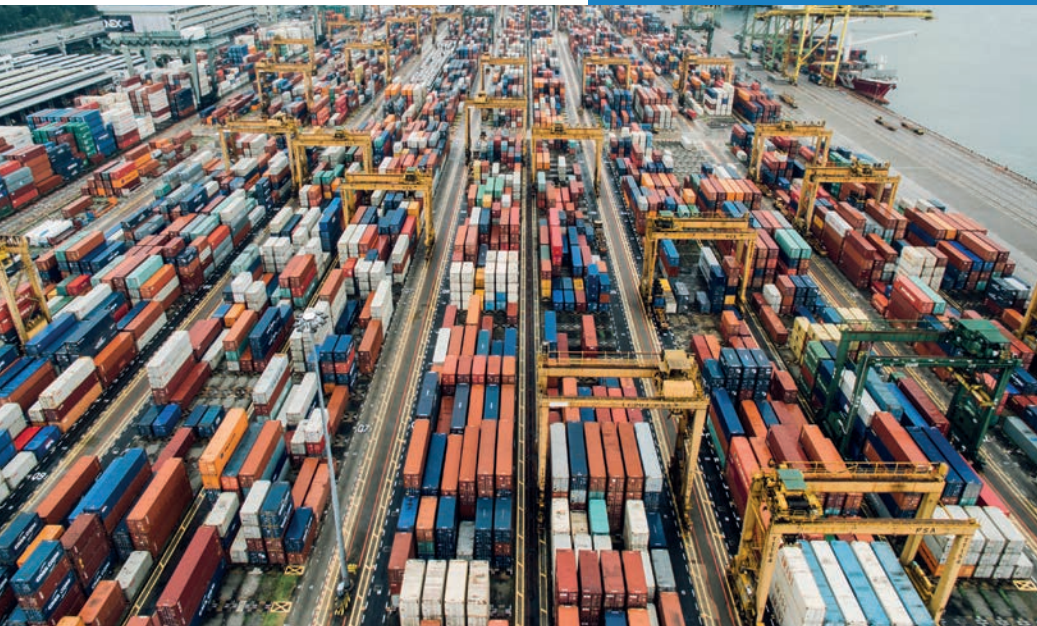


Land and sea

4Port is a versatile logistics tool designed for land and sea ports. 4Tel are experienced in developing systems for challenging regional areas, having delivered proven solutions to government transport agencies and the private industry sector since 2000.

Cost effective and customisable

4Tel hold the Intellectual Property rights to the key software components and are able to make modifications as required. This ensures that 4Tel can always supply a versatile, responsive and customisable solution for different transport networks.



Features

4Port is a customisable product. The following features are potential inclusions in the design:

- **Monitor Activity**

Monitor road and rail queues, container lifts, and turnaround times within a comprehensive, interactive dashboard

- **Calendar**

Interactive planning calendar for special events, non-working days, and different stevedore operations

- **Planning Tools**

Rail yard management capabilities, trip planning functions, view and sort truck slot booking

- **Schematic Maps**

View location and direction of locomotives within the yard, and journeys in and out of the port

- **4Trak™ integration**

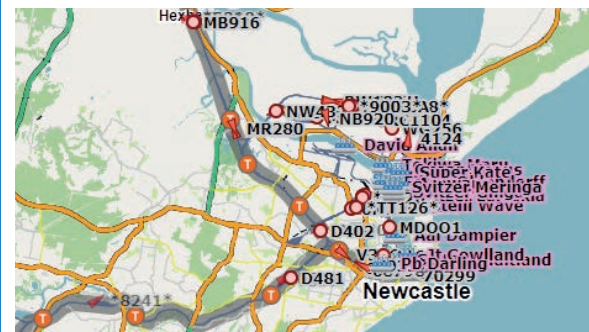
Real-time GPS tracking through 4Trak™ software, available on the web and smartphone devices



4Trak™

The 4Trak™ system tracks rail vehicles, light rail, coaches, buses, ships, and assets as required. 4Trak™ is a proven valuable tool in monitoring the location and performance of mobile assets across the Australian transport industry. The resulting real-time location data is used by operations staff for better situational awareness.

4Trak™ has been developed to be accessible via a web-based interface or smart phone application (iOS or Android only). These options enable management and staff to access the information in both the control centre and whilst remote from the office.



Monitor asset movements

4Port provides the functionality to monitor ships, road, container, wagons and rail movements within and around the port. This assists operations in managing road and rail congestion, supports 24/7 operations, improves efficiency, and aids in implementing consistent regulation.

4Port can import data provided by an operator's Automatic Number Plate Recognition (ANPR) system to provide key metrics for truck marshalling areas. The system provides manual processing options to remove trucks, process reconciled data, and generate automatic periodic reporting.

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