Realtime Business Solutions

Your Success, Our Commitment

TOPO Expert

THE MOST POWERFUL TERMINAL OPERATING SYSTEM FACILITATING TERMINALS OF ALL SIZES IN THE CONTAINER HANDLING INDUSTRY
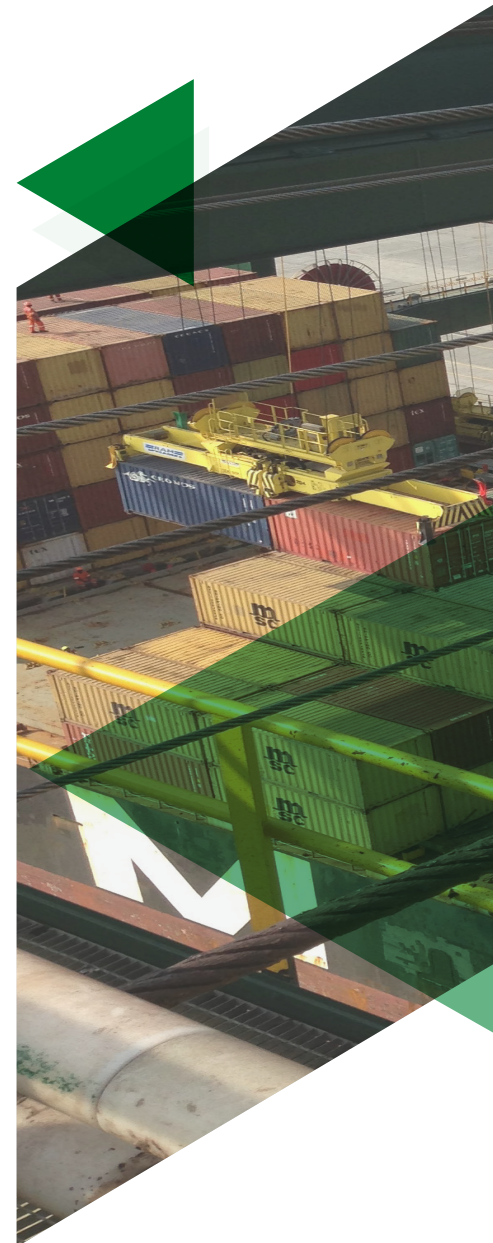
Find us on: **in**

Providing terminals with the most reliable terminal operating system

With numerous years of experience in successful software development, RBS has translated this knowledge into a tangible one of a kind TOPS Expert terminal operating system. A component of TOPS Expert is TOPO, the foundation system supplying terminals with high-grade control capabilities to manage information and operations efficiently.

Information and data become increasingly challenging to manage adequately, especially when dealing with immense container throughputs. With that in mind, TOPO package as a terminal foundation system provides sophisticated but easy-to-use functionalities to automatically retrieve and manipulate information. No matter how big or small the pool of data is, performance is unfailing. The TOPO system owes its user-friendly nature due to its intuitive GUI that is very familiar to users of MS Windows. It supplies many standard Windows features such as exporting every list from the system on-the-fly to Excel or HTML.

All information is shared within the whole TOPS package between TOPO and TOPX, facilitating seamless and consistent information flow from the foundation system to the graphical planning system. These two modules combine to create a complete and powerful terminal operating system that supports every aspect of a terminal down to the granular details.

TOPO is a Cloud architecture application (MVC), which can connect to any enterprise database such as the Oracle database. This infrastructure has streamlined numerous complex processes to deliver one remarkably easy-to-use solution. Access to the cloud solution is granted through a browser. Simple as that.

TOPO Expert Features

The TOPO solution not only includes features aforementioned but also comes with additional features.
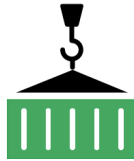
▼ **General Features**

▶ Security access control

▶ System reference codes for data validation

▶ Vessel operation

▶ Truck gate operation

▶ Rail operation

▶ Container operation

▶ CFS operation

▶ Equipment operations and statistics

▶ Vessel/Yard /CFS billing and invoicing

▶ Reports (standard & customized)

▶ EDI processing- EDIFACT and customized

▶ Audit logs

▶ Online help and e-learning

▶ Web terminal view

▶ Supports multiple languages

▶ User Class Access Control

▶ Gate Operating System Interface (GOS)

▶ Report Server

▶ Truck appointment handling

▶ Vehicle Booking System (VBS)

▶ Billing

TOPO Expert Cloud

TOPO Expert Package

▶ Container Management

Terminals are a facility responsible for the operations, rendering the route that outlines the exact path, right from the receiver to the delivery of containers. Although each terminal varies in size, container management is still integral for operational efficiency. With TOPS Expert Enterprise & Cloud, containers are planned carefully and strategically to minimize re-handles, which inherently increases yard crane productivity while reducing truck transaction and delay time.

The TOPS System records all the standard industry container details. Container details can be re-advised by EDI such as BAPLIE, discharge lists, load lists, bookings, and also entered on TOPS online screens. There are many screens available for the processing of container details such as changing a container's number, stuffing, recording the inspection of a container, monitoring reefers, processing 'Stops' (holds), processing release orders, and many more...
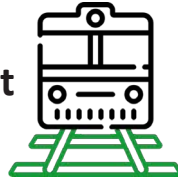
▶ Vessel Management

Daily operations in a terminal involve the mass of movements and transportation of containers to be either loaded on or discharged off a vessel. Therefore, it is crucial to devise a TOS that can retrieve and send real-time data to inform vessels of accurate times schedules to berth and depart. These necessities are all embodied in TOPS Expert Enterprise & Cloud as its foundational system; TOPO allows terminals to maintain vessels by enabling them to create vessel schedules and inquiries. The TOPO Vessel module also enables terminals to view both past and current vessels, as well as finalized vessels.

TOPO Expert Package

▶ Train/Rail Management

TOPO is a powerful system that can devise weekly timetables for both inbound and outbound trains, which facilitates creating and maintaining train services. Train inquiries are incorporated for terminals to check which trains and containers are due to arrive and depart from the terminal. If they are due to leave, it allows them to view the load list of all the containers that are planned to be loaded onto a train. Similar to vessels, terminals can view both past and current trains, enabling them to finalize trains by moving them to history.

▶ Truck Gate Operation

Terminals can grant trucks access through the gate by entering all relevant details involving either the Receival, Delivery, Empty Delivery, CFS Delivery, Direct Delivery, or Remain on Truck (ROT) containers. This particular module also allows terminals to authorize the departure of trucks by assigning them with a truck outgate stamp. It also ensures that all of the containers on the truck are listed, processed, and finalized before they can leave the terminal. TOPO reinforces the necessity of Truck/Gate as it provides terminals with the ability to enquire about trucks, truck gate movement, and the number of trucks that have visited, and left the terminal which can increase truck turnaround and hence, induce an incline in revenue.

TOPO Expert Package

▶ Equipment Control

Container Handling Equipment is used to perform standard operations in all terminals. TOPO enables users to maintain their CHE, and through interaction with TOPX, it provides them with the ability to plan and activate Working Instructions (WI), as well as allocate WQ (Working Queues) to these CHEs. TOPS-EC allows them to perform and confirm movements with the selected CHE/s once the WQs have been assigned.

▶ EDI Server

Enables terminals to process 'In-house' EDI message formats or EDIFACT formats. The standard set of EDIFACT messages is delivered with the TOPO EDI Server. 'In-house' EDI message formats that are received from external parties are mapped to the TOPS system. Messages sent to external parties are mapped from the TOPS system to the format that the customer has contracted to receive.

TOPO Expert Package

▶ System References

This module enables users to update and maintain system information, codes, and user data, which includes the maintenance of bollards, berths, system codes, damage codes, customers, special handling codes, etc.
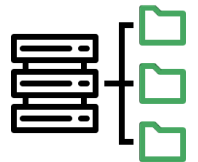
▶ Charts

Enables terminals to create and view dynamic charts on particular modules of the TOPS package:

- ▶ Vessel Chart
- ▶ Truck Chart
- ▶ Train Chart
- ▶ CHE Chart
- ▶ Yard Chart

▶ Report Server

Generates schedules, enables view, edit, and delete reports that have been created. Allows end-users to create fully customized reports from the TOPS database. These reports are produced from predefined data sets and can be previewed, printed, and exported in various file formats. Controls the execution of reports automatically, whereby all these reports are stored on a singular database.

"We are glad that we chose RBS TOPS for our terminal operating system as it has helped us break records and has been the main pillar to our terminal success."

- Director of TCIT

Operating over 30 successful terminals for over 27 years

Contact Us

Address: 85 George St,
Parramatta, 2150
Phone: +612 9893 9255
E-mail: sales@rbs-tops.com
Web : www.rbs-tops.com