

TOPX Expert Real-time Control & Planning

THE ONLY TERMINAL OPERATING SYSTEM FUNCTIONING ENTIRELY IN TRUE REAL-TIME



Find us on:



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The Only True Real-Time TOS

RBS TOPS has been renowned for being the firstever real-time Terminal Operation System to hit the market in 1991.

Our proven solution has been developed and improved over many years to become the most advanced solution you know today as TOPS Expert Enterprise and Cloud. We have stayed true and close to our roots by advancing our real-time operating system into the first and entirely real-time TOS on the Cloud.

Many terminal operating systems available on the market adhere to a transaction process, which pulls data from multiple servers then loads information and uploads when an action is confirmed. As a result of this time-consuming method, transaction processing provides considerable leeway for errors and outdated information. Unlike these conventional systems, RBS remains the only TOS that entirely operates in realtime. The unique real-time architecture of RBS TOPS Expert makes the system highly reliable and helps improve terminal operations. It uses a parallel realtime user interface to enhance decision-making, provide forecasting abilities, and create 3D monitoring simulations. TOPO Expert updates container, vessel, and yard details in real-time to reduce data input errors and improve operational efficiency. TOPX Expert is the only real-time graphical container planning, monitoring, and control system available on the market. The TOPX real-time capabilities cover the complete terminal operation spectrum from planning, controlling, monitoring, equipment, automation, and many more... Together, these systems create TOPS which has wholly transcended the current terminal landscape by offering all its functionalities in the Cloud.







Features & Benefits



Faster real-time decision-making



Increased control with the availability of realtime data



Avoid delays by the unexpected reaction



3D real-time monitoring simulation



Parallel real-time User Interface



Forecasting capabilities



Improve planning, monitoring, and control of all operations



Maximum consumption of resources to ensure operational efficiency is reached at all times

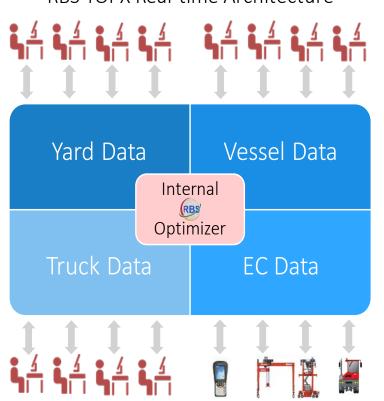


24/7 performance with maximum output



TOPS Real-time Thin Client

RBS TOPX Real-time Architecture

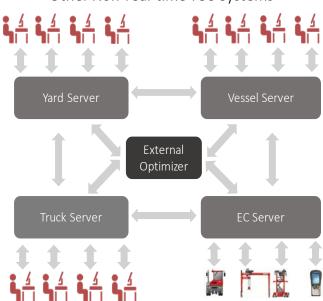


TOPS Expert is the only True real-time TOS due to its unique architecture.

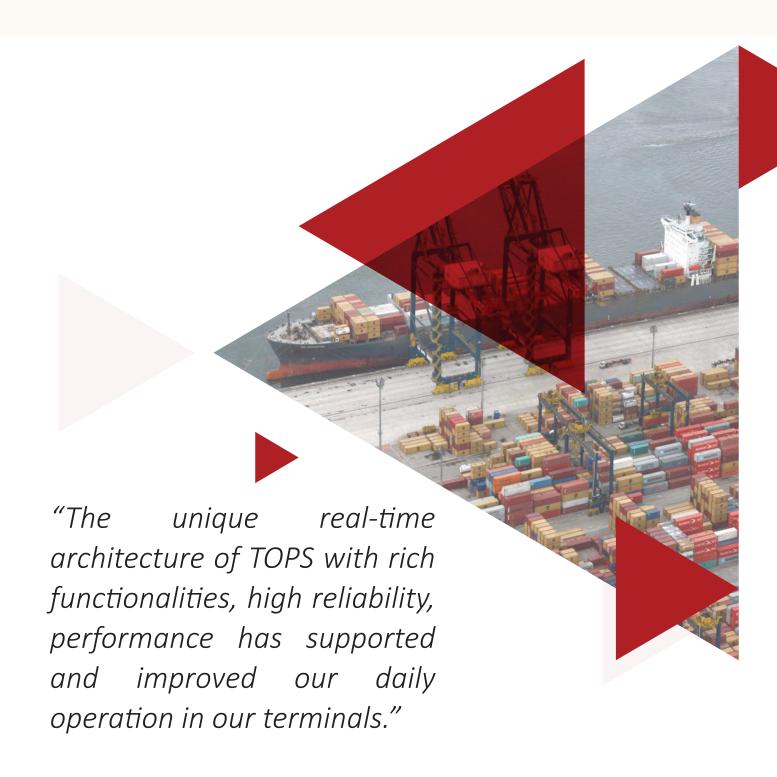
TOPX Expert Enterprise and Cloud use parallel and in-memory processing, meaning that the data used is the most updated version, which reduces the likelihood of redundant data. TOPX Expert is a single-server application for real-time parallel processing. This avoids any data upload/download/transfer between multiple servers or workstations (as seen in other non-real-time TOS systems).



Other Non-real-time TOS Systems







- Terminal Manager of Wan Hai Terminal

Operating over 30 successful terminals for over 27 years

Contact Us

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