



Most Advanced Proven Solution for the
Container Handling Industry

Realtime Business Solutions

TOPS Advance



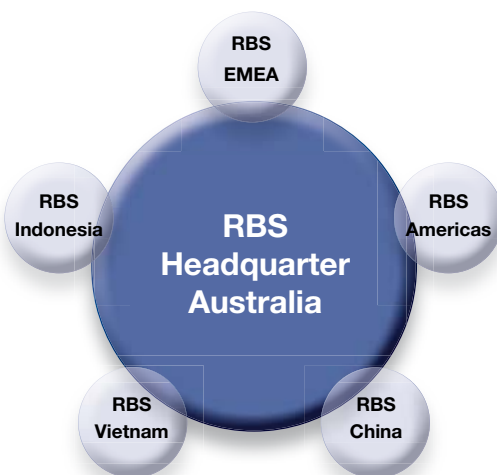
RBS – Company Profile

Realtime Business Solutions (RBS) is a Sydney based company with local offices around the globe. RBS has been founded in 1991 and has ever since been very successful in the container handling industry. RBS is specialized in the development of software applications for the container handling industry. The principals and staff have many years experience in software development and have worked exclusively in the container handling industry for more than 20 years.

During this time RBS has provided consulting service to the shipping and rail container handling industries and developed highly specific State-of-the-Art software for the container handling industry. RBS has carried out the installation of TOPS Terminal Operation System-software in more than 20 container handling operations in Australia, New Zealand, Taiwan, Japan, Indonesia, Panama, Romania, Italy, Egypt, Vietnam and Germany. In total the terminals are handling a total volume of more than 24 million teus with TOPS.

RBS World-Wide Offices

Over the past years RBS has established a network of offices around the world and is by now present on every continent and every major marked.



The RBS TOPS Modules:

TOPS TOPS Advance	Terminal Operation System- software including TOPO, TOPX and TOPS KPI
TOPO TOPO Advance	The base of TOPS. Data management with multiple interfaces can be run via internet
TOPX TOPX Advance	Real-time networked graphical container planning, monitoring and control system
TOPS KPI	Management dashboard for monitoring and reviews
TOPS SimOne	Full 3D emulation of terminals
TOPS Strategy	Strategy planning and verification



Power and Features – The Only True Real Time Solution on the Market

Generated from consolidated design, the best technical solution and experience

The TOPS package is the most advanced package available to the container handling industry today. TOPS is the package of the future. We have had the advantage of developing TOPS over the past years using the latest technology. RBS uses object oriented designs and true client-/server-implementations on the most reliable open architecture operating systems SUN Unix, Intel Linux and also Microsoft Windows servers.

The front-end (client) user interface runs on the most popular and low cost Microsoft Windows environment. This single platform/server architecture is a major advantage in the decision making of the optimization process for the nomination of the next move at a minimum cost of time, which brings efficiency and smoothness to the terminal operations.

The TOPS package – with the components TOPX (operation system) and TOPO (foundation system) – is designed from

the full operational spectrum. With TOPS the terminals can identify the most critical parts of the operations, simulate them and resolve issues to accomplish complex operational tasks in a simple manner.

Along with the TOPS package each terminal gets the ultimate management dashboard and monitoring tool with the fully integrated **TOPS KPI**.

The TOPS package is taking the next step into the terminal operation systems today.

And from 2012 the full package of TOPS will be extended with two new modules: **TOPX SimOne** and **TOPX Strategy**. With these new TOPS features RBS will take the terminal operation systems industry to the next level for the future.

TOPS Summary

Proven hi-tech State-of-the-Art solution for the Container Handling Industry. TOPX and TOPO provide facilities for all terminal operations processes:

- Vessel, gate, truck, rail operation, CFS and backend processing
- Billing and management reporting
- Realtime networked graphical container planning, monitoring and control system
- Equipment control with radio frequency mobile data terminal communications
- Management Dashboard via internet, with TOPS KPI via intranet
- Internet access facilities
- Enabling automation and interfacing to DGPS, RFID, etc.

- For operation in:**
- Marine container terminals
 - Rail container terminals
 - Inter-modal container terminals
 - Container depots

Technology

- State-of-the-Art open architecture
- Client/server environment using the best of “both worlds”, Unix server and MS Windows client
- Realtime networked architecture – allows all users to access the same information at the same time
- Integration – unlimited system and network integration
- Ease of Use – true GUI interface and easy to learn with online help
- Look and feel – can be customized to suit any user’s needs from screen colours to window management and also supports multi-languages
- RDBMS – Oracle or any other database
- Reliability required for mission critical 24 x 7 operations
- Scalability – allows for any future expanding operations (limited only by the hardware configuration)



Terminal Locations Around the Globe



APMT

- Romania, Constantza
- Egypt, Suez Canal
- Japan, Yokohama

Evergreen Marine Corporation

- Taiwan, Kaohsiung (Piers 115, 116, 117)
- Taiwan, Kaohsiung (Piers 79, 80, 81)
- Italy, Taranto

Eurogate

- Container Terminal Hamburg, Germany

Pacific National

- Australia, Minto (MIST)

DPW and Pelindo III

- Indonesia, Surabaya

Pelindo III

- Indonesia, Semarang

UniGlory

- Taiwan, Taichung

Saigon New Ports,

- Vietnam, Cai Lai Terminal – Saigon
- Vietnam, TCCT Cai Mep Terminal - Cai Mep
- Vietnam, Depot 9 – Saigon

Saigon New Ports & Wan Hai Line & Hanjin & MOL Join venture

- Vietnam, TCIT Cai Mep Terminal - Cai Mep

TIL (Terminal Investment Limited)

- France, FOX2XL
- Lithuania, SMELTE
- Brazil, SANTOS

UniGreen

- Panama, Colon

Wan Hai Lines

- Taiwan, Taichung
- Japan, Tokyo
- Taiwan, Kaohsiung

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