MARINE BERTH

Robust port and marine terminal solutions, through the power and elegance of computer virtual modelling.

"Finally, a cutting edge commercial port software solution without an eye-watering price tag!"

- ⚓ Scheduling vessel movements
- ⚓ Recording cargo operations
- ⚓ Dynamically calculating estimated completion times (ETCs)
- ⚓ Recording crew transiting port compounds
- ⚓ Real-time information sharing to the wider port community

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Welcome to MarineBerth

MarineBerth is a port and marine terminal software system for managing the movement of vessels, movement of cargo, and movement of vessel crew. It serves entire port communities by providing a network where port associated companies may, in a controlled and secure manner, collaborate and share information. This multi-party connectivity, into a hub that seamlessly manages these three key movement types, delivers efficiency gains simply not achievable in conventional, closed systems.

Breaking the Cost Barrier

A common barrier to port companies adopting industry specific software solutions is cost. Large and costly systems, moreover, often introduce unwanted complexity, and what works for one port doesn't benefit all. The default solution tends to be a mix of manual processes and legacy database applications, each inherently time-consuming and error prone. MarineBerth was conceived with exactly this dilemma in mind. It will streamline—often eliminate—many routine tasks, yet never encroach on the decision making best left to experienced heads. Free of bloat, and without the eye-watering price tag, MarineBerth reliably serves ports of every size.
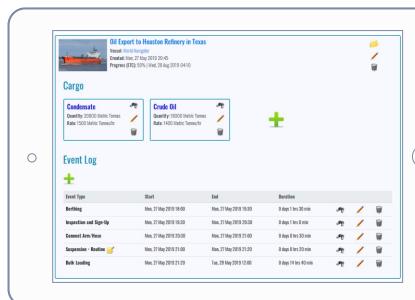
Gaining Users' Approval

Users love MarineBerth's attractive user interface, whether viewed on monitor, tablet or smartphone. As work forces have grown increasingly mobile, application designers have had to adapt. Gone are the days of complicated and cumbersome menu components and the like. MarineBerth's user interface was designed with the simplicity of modern day touch screens in mind. Indeed, anyone able to extract cash from an ATM with barely a thought will feel equally at home navigating within, and interacting with, the MarineBerth web application.

Taking a Bird's Eye View

MarineBerth's use of computer virtual modelling opens up countless possibilities. In a conventional database-driven application entities are merely rows in a table. This is a poor representation of our real material world, as entities frequently aren't static—ships move, for example. And, in your typical harbour environment, many things move! Modelling the maritime world has enormous benefits in producing software that is robust. But the benefits don't stop there. Virtual objects translate exceptionally well into on-screen graphics, as evident in the complementary PortWatch desktop application.

Oil Export to Houston Refinery in Texas
Vessel: World Navigator
Created: Mon, 27 May 2019 20:45
Progress (ETC): 59% | Wed, 28 Aug 2019 04:10

Cargo

Condensate
Quantity: 20000 Metric Tonnes
Rate: 1500 Metric Tonnes/hr

Crude Oil
Quantity: 16000 Metric Tonnes
Rate: 1400 Metric Tonnes/hr

Event Log

Event Type	Start	End	Duration			
Berthing	Mon, 27 May 2019 18:00	Mon, 27 May 2019 19:30	0 days 1 hrs 30 min			
Inspection and Sign-Up	Mon, 27 May 2019 19:30	Mon, 27 May 2019 20:30	0 days 1 hrs 0 min			
Connect Arm/Hose	Mon, 27 May 2019 20:30	Mon, 27 May 2019 21:00	0 days 0 hrs 30 min			
Suspension - Routine	Mon, 27 May 2019 21:00	Mon, 27 May 2019 21:20	0 days 0 hrs 20 min			
Bulk Loading	Mon, 27 May 2019 21:20	Tue, 28 May 2019 12:00	0 days 14 hrs 40 min			

With MarineBerth your port business is never further than your fingertips

PortWatch 1.0 - Abel Tasman

Live Port Feed

"SchatjeGul Maersk"
suspended | Other | 60%
ETC: Tue, 13 Oct 2020 00:57 AM
ETD: Fri, 16 Oct 2020 10:00 AM
Crew: 0 of 0 on board

"World Navigator"
working | multiple | 75%
ETC: Tue, 13 Oct 2020 07:03 AM
ETD: Sat, 17 Oct 2020 20:00 PM
Crew: 0 of 0 on board

"Arago"
working | LPG | 100%
ETC: Sun, 18 Oct 2020 03:30 AM
ETD: Sun, 18 Oct 2020 11:00 AM
Crew: 3 of 3 on board

"Erradale"
suspended | Mollasses | 60%
ETC: Tue, 13 Oct 2020 04:57 AM
ETD: Mon, 19 Oct 2020 03:00 AM
Crew: 0 of 0 on board

Anchorage

"British Navigator"
Berthing NKTT 1
POB: Tue, 20 Oct 2020 12:00 PM

"Glorious Starlight"
Berthing Moturoa 2
POB: Wed, 21 Oct 2020 08:00 AM

"Theresa Orion"
Berthing Blyde 1
POB: Thu, 22 Oct 2020 19:00 PM

Tidal Forecast

Rising to 0.0 m at 00:00 AM
(to rise another 0.0 m)

Connected = true, server responded: Request to connect accepted; preparing to transfer berth location data...

PortWatch, the newest addition to MarineBerth

 all Spark NZ   5:27 PM   73%
Not Secure — marineberth.com

Users   2

Companies   2

Roles   11

Ports   12

Berths   Occupied: 3   9

Operations   Active: 3   7

Explore further, then get in touch...

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