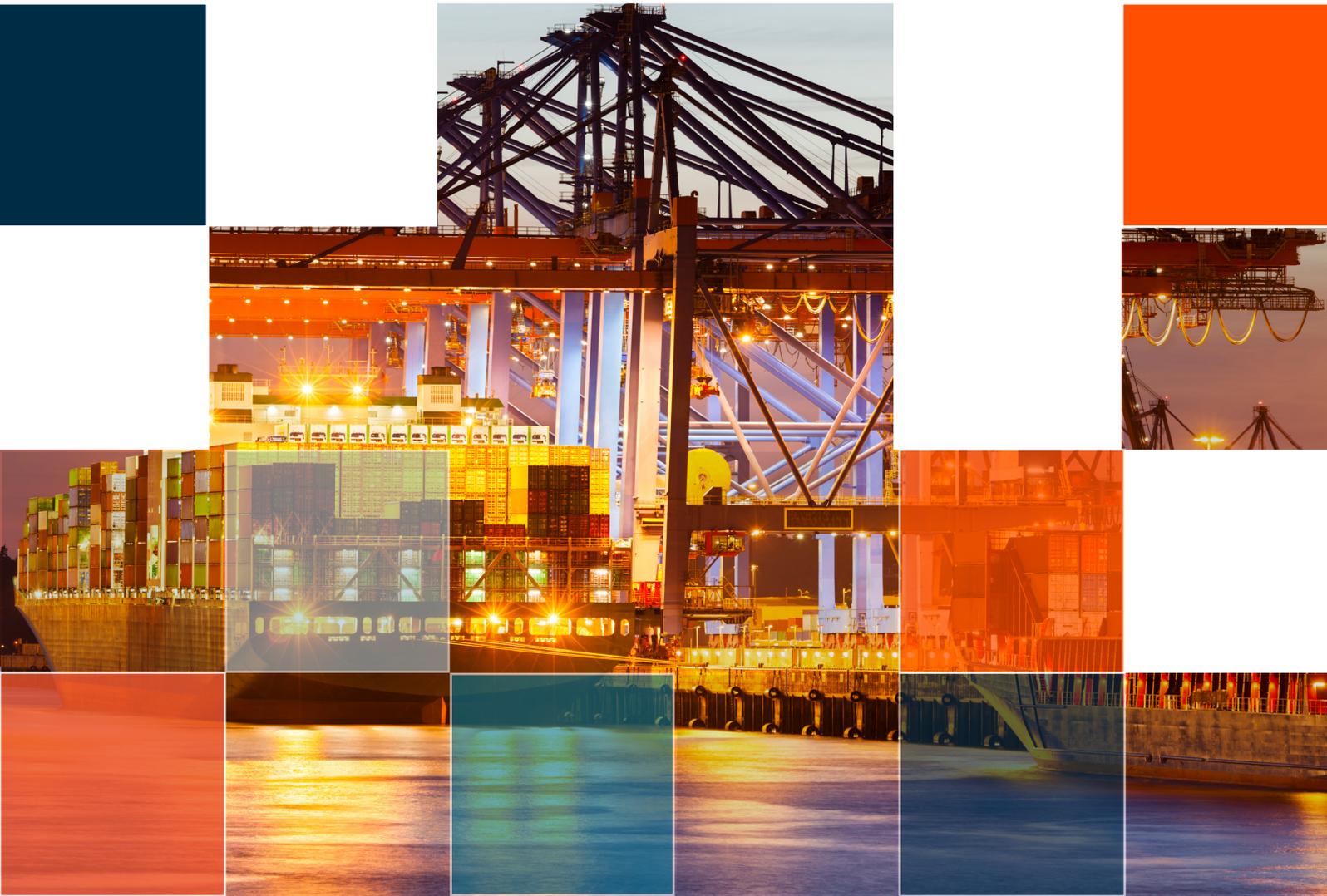


CargoMate

real-time containership cargo
monitoring to help you sail early,
sail slower and save fuel





optimise every port call, worldwide

CargoMate digitally monitors cargo operations directly from your vessel, giving shore-based teams access to live forecasting of cargo completion times, helping to keep vessels on schedule, reducing fuel consumption and emissions in every port, worldwide.



a device onboard

CargoMate is the world's first digital bayplan enabling crew to conduct cargo operations safely and efficiently without integration from the port or terminal.



a dashboard ashore

Real-time gantry productivity gives shore-based teams advanced notification of delays or opportunities to sail early, helping to reduce fuel consumption.



worldwide collaboration

All port call actors can share contextual information identifying idle time trends and enabling a seamless flow of intelligence from ship to shore, in every port worldwide.

more than just a digital logbook

CargoMate replaces the crews' current paper logbooks and gives them more of the information they need directly in the palm of their hands, increasing efficiency and safety during cargo operations. Using real-time forecasting and advanced notifications, CargoMate gives you data-driven insight directly from your ships, keeping them on schedule and reducing idle time in port.

completely intuitive

Designed by seafarers, CargoMate incorporates global ship terminology with instantly recognisable icons to enable crew to get started straight away without lengthy training.

globally connected

With a global roaming SIM, the CargoMate device ensures an always-on data connection in every port, without being linked to the ship's systems or integrated to the port or terminal.

always up-to-date

Cargo information is shared from the stowage computer to the device and can be updated if stowage plans are changed. Crew simply swipe to log individual container moves or complete bays.

“My officers are so addicted already, they don't like to use the paper printouts anymore.”

Captain of 13,000 TEU containership

data-driven directly from your fleet

As crew log the loading and discharging of cargo, the device dashboard displays up-to-date forecasts of completion time based on current gantry productivity including remaining moves for all Special Cargo and the completion of twistlocks and lashing checks.

unrivalled data

Reefers, IMDG, OOG and Break Bulk cargo are colour-coded in the bayplan enabling crew to view container type, load and discharge ports, location, UN numbers and placards together with relevant IMDG information such as flash temperatures.

enhanced safety

Specific dimensions of each OOG cargo can be viewed by crew ensuring proper stowage and increased safety. Rolled or cut containers can be updated with a few clicks.

unlocking idle time

Crew can log lashing and twistlocks digitally and include contextual notes relating to each milestone of the port call via the device, all of which are included in the Port Call report.

benefits onboard



Digitalised, intelligent bayplans



Take the danger out of IMDG's onboard



Cancelled containers are only a tap away



oversee every port call from your office

Shore-based teams have a fleetwide view of all vessels and their current port call status via the dashboard overview screen. The number of moves completed and the split between loading, discharging and restow moves for every vessel is displayed using traffic light colour-coding together with critical information such as the forecasted time of cargo operations completion and scheduled departure time.

strategic viewing

Dynamic display options enable teams to view only port calls that are either delayed, on schedule or ahead of schedule, ensuring priority is given to vessels that need it most.

real-time updates

Fleetwide vessel updates relating to ongoing port calls are shown in the activity panel including timestamped milestones and up-to-date cargo operations completion forecasting.

trend analysis

Detailed port call history is available for every vessel within the fleet, allowing teams to review productivity trends, contextualise idle time and make strategic decisions.

“Very impressed, easy to navigate and understand. The live dashboard and summary analysis is excellent.”

Chief Officer of 14000 TEU containership

dive deeper into cargo operations

Shore-based teams rely heavily on communications from the ship and terminal during a port call, so to give them greater context to cargo operations, each bay on the ship is shown as part of the vessel overview. Individual progress of every piece of special cargo including reefers, IMDG, OOG and breakbulk is displayed against real-time cargo operations completion forecasting based upon gantry productivity.

track every gantry

The ship overview highlights which bays are being worked by live gantries and also those that have stopped due to shift changes or break times giving greater clarity of berth productivity to shore-based teams.

from device to dashboard

As crew onboard input data to the device, CargoMate forecasts the 'long' gantry, i.e. the gantry expected to finish last, and shows its current productivity together with the remaining loading and discharging moves for all gantries.

mitigate departure delays

One of the primary causes of departure delays is the progress of lashing and twistlocks. CargoMate allows crew to log lashing and twistlock productivity for every bay, which can be viewed by shore-based teams as part of the ship overview.

“CargoMate gives my crew all the information they need for dangerous goods cargos without having to keep checking the paper manifests.”

Captain of 13000 TEU containership



creating clarity for cargo operations

For the first time, neutral gantry productivity data can be captured digitally directly from the ship, giving greater insight to shore-based teams and creating opportunities for an early departure from the port or giving advanced notification of a delay in departure. Every data set included within the productivity tab is continuously synced with operational data from the ship, giving shore-based teams complete visibility of every port call.

build efficiencies

Shore-based teams have instant access to a range of productivity data direct from the ship helping to facilitate more efficient port calls and all port call actors receive regular updates via email and the dashboard to show the status of cargo operations.

productivity on the move

Productivity charts show the average moves per hour against total moves completed for each working gantry, together with the longest crane forecast and timelines displaying gantries that are working, have temporarily stopped or been dismissed.

advance notifications

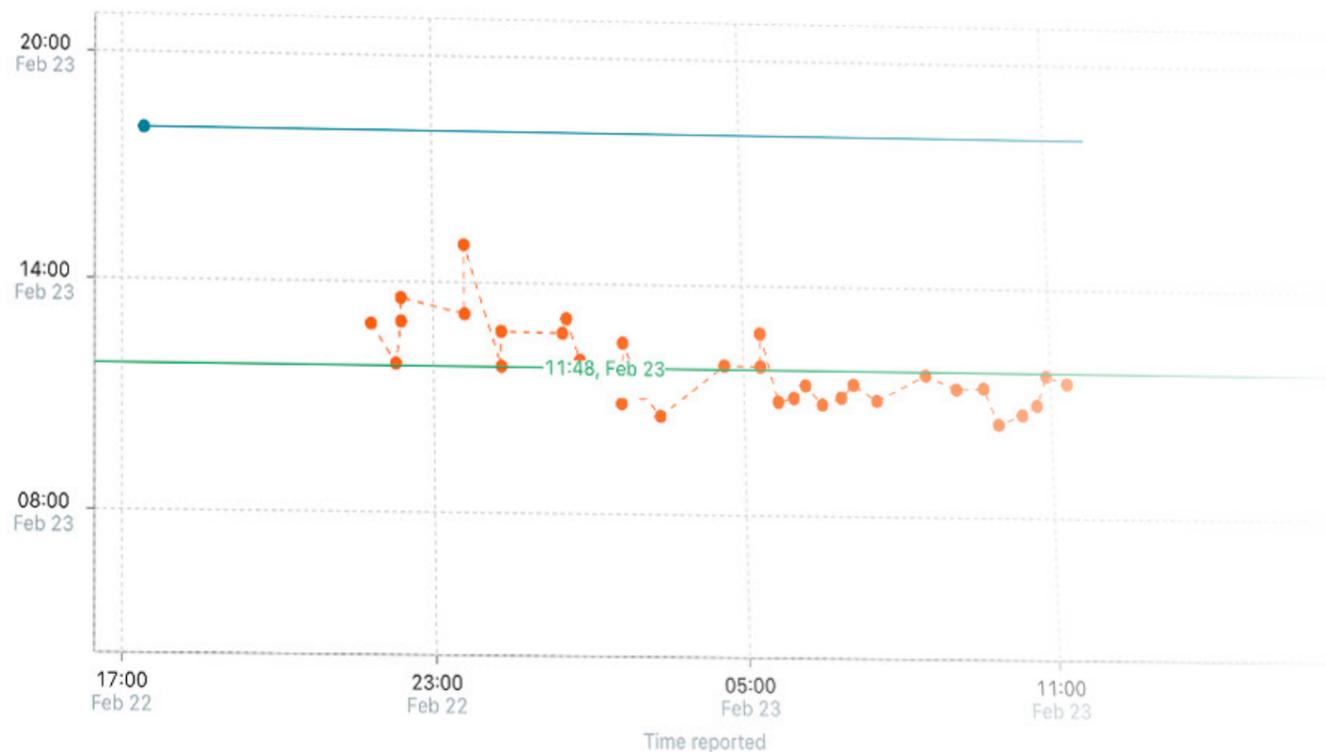
CargoMate generates advanced email and dashboard notifications for the forecasted time of cargo operations completion trend against the scheduled departure time giving advanced notifications of delays or early departure.

“Knowing the time of departure helps us to prepare for it at the proper time, not too early, not too late.”

Crewmember, December 2020

▼ Cargo operations trend

- Scheduled departure ⓘ
- Estimated cargo operations complete ⓘ
- Cargo operations complete ⓘ



reporting by your crew, from your vessel

CargoMate is the only system in the world that neutrally records berth performance. We automatically generate TPFREP reports from your vessel in the same format as received from the terminal, so you can compare reported performance against observed performance. Port call reports detailing total cargo figures including cancelled cargo can also be downloaded and all reports and communications are collated and stored on the dashboard.

reports before departure

The Terminal Performance report is available as soon as cargo operations are complete, often days or even weeks before the terminal's own report, enabling ship and shore to review and corroborate port side performance.

everything, at a glance

Key highlights from both the Terminal Performance report and Port Call report are shown via the dashboard for easy access with both reports meeting industry standards and accessible for download via the dashboard.

context to your data

Crew comments relating to specific individual milestones are included in the Port Call report giving greater context to the efficiency of the port call and helping to contextualise idle time creating opportunities for greater efficiencies in the future.

“Anyone who’s able to use a smartphone can use CargoMate. Really, this device is made for everyone.”

Chief Officer, March 2021



enhanced ship to shore collaboration

Port call actors can communicate directly with each other using the dashboard in real time, ensuring that key information is shared with the right people at the right time. Multiple stakeholders can add comments to a port call, highlighting events that may cause potential delays such as adverse weather and helping to synchronise vessel departure.

data when you need it

Communication between all key actors within the port call is vital to ensure just in time shipping, which is why CargoMate automatically sends all notification emails for a vessel undertaking a port call to crew, fleet management and the terminal or ship agent.

detailed reporting

All comments from port call actors are stored on a secure database and can be viewed and downloaded as part of the Port Call Report at any time. Crew comments are made via the device and are also visible on the Port Call report.

shared intelligence

Senior officers onboard have access to the dashboard allowing them to view and respond to comments from other port call actors. Shared data between crew and Captain such as forecasted time of completion ensures greater efficiency and reduces miscommunications.

benefits ashore



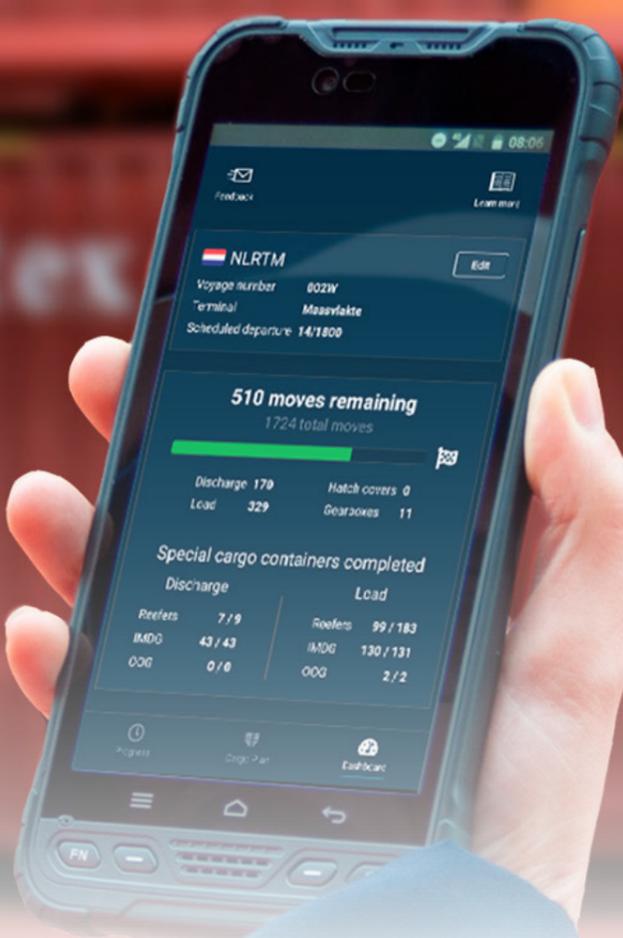
View live port calls in real-time



Identify opportunities for efficiency



Compare reported vs observed reporting



find out more about CargoMate



increase collaboration

Real-time port call data flows seamlessly between ship and shore giving shipping companies, fleet management teams, agents and terminals and the Captain onboard, the same detailed analysis of every vessel.



ensure sustainability

Sailing slower reduces the amount of CO2 produced during each voyage, helping to meet emissions targets and ensure commercial shipping remains the most efficient transportation method now and for future generations to come.



reduce fuel consumption

CargoMate uses algorithms based on gantry productivity to accurately predict when a vessel can leave port, creating opportunities for the vessel to sail slower, reduce fuel costs and increase overall profitability.

One of the largest distributors of its kind, Bogerd Martin serves a global customer base.

Every day, we send out printed and electronic charts to all corners of the world, making sure that vessels receive critical navigational data where and when they need it.

For a simple end-to-end solution to all your navigational needs, point your compass to Bogerd Martin.

Contact us at sales@bogerdmartin.com or visit our website www.bogerdmartin.com

join the port call revolution

