

BASSnet™ Fleet Management System

Software Solutions for Shipping and Offshore





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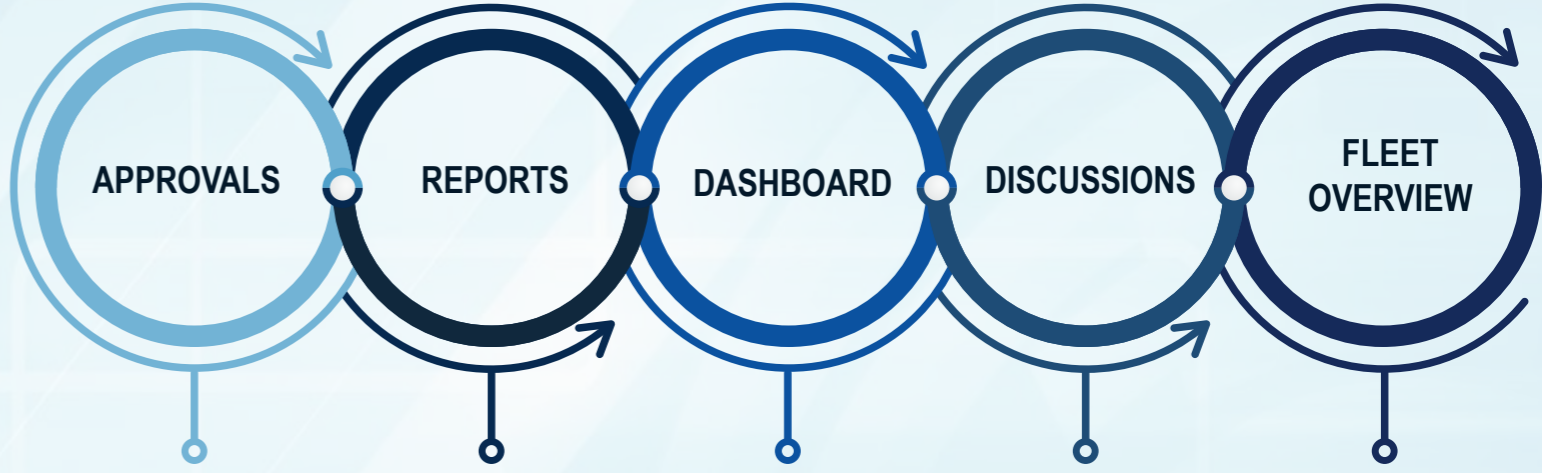
BASSnet™ Fleet Management System

Streamlining Maritime Operations



OPERATIONAL INTELLIGENCE

A range of comprehensive features delivering visual insight and full 360 degree view on office and fleet-wide performance to enable better decision making.



Centralised view of all approval requests

Immediately view and grant approvals for or reject any requests raised in, the various BASSnet™ modules without having to access the actual records.

*BASS also develops mobile apps for approvals that are available for certain modules to speed up the approval process.

Powerful reporting capabilities with dynamic filters

In addition to the set of comprehensive standard reports readily available in the system, the BASSnet™ Report Generator gives you the flexibility to compose and create your own reports, and with our Report Designer, customise each report to make them more exciting to look at.

BI tools for fleet-wide display of key-information

Rest assured that you won't miss important requests that require your attention with proactive alerts to monitor various tasks in the system.

Measure performance across your fleet by generating various fleet/ vessel KPIs, rendered in detailed chart and graph formats.

Take communications to the next level

Communicate within the system using 'chat room' style discussions for quick decision making.

Get an overview of all the discussions you are currently involved in with specific users concerning particular records.

Comprehensive overview of the entire fleet in a single view

A versatile tool that gives you an overview of your entire fleet including vessel details, crew onboard, voyage management & planning, claims & other important details from various modules in BASSnet™.

BASSnet™ Suite, Single Platform Strategy

BASS employs a single-platform strategy which offers complete flexibility, so each organisation can define its own processes and avoid duplication of data with the usage of a single database. This allows the entire organisation to share the same data – and enables management to deal with problems proactively, streamline work processes and identify best practices. The end result is improved transparency, process efficiency, profitability and operational reputation.

BASSnet™ is a reliable modular-based software solution enabling customers to implement the solution that meets their immediate needs, adding other BASSnet™ modules as their business evolves over time. An innovative software solution, designed for maximum efficiency with a modern user experience, the BASSnet™ suite is seamlessly integrated for safe and secure data flow between vessels and onshore offices, giving managers a total overview and control over their operations ashore and onboard.

BASSnet™ Maintenance is designed to help you plan and execute the maintenance of your fleet and efficiently manage your global inventory of spare parts.

Get a holistic view over the maintenance of your fleet, improve management of maintenance and repairs, work practices, out-of-schedule corrective maintenance and condition monitoring of equipment.

Most importantly, ensure that all aspects of the fleet management are in compliance with mandatory rules and regulations as well as charterers' trading requirements. BASSnet™ Maintenance is approved by major class societies – DNV-GL, NK, LR, and BV.



MAINTENANCE & MATERIALS



Optimise Maintenance & Inventory with 'Fleet Management'

Set up equipment groups to logically group all vessels that share the same equipment structure. One-time creation of groups consisting of jobs and materials that can be shared among all your vessels allow you to optimise control over your inventory and maintenance jobs.



Automatic Stock Updates to minimise data entry

Minimise minor data entry tasks as automatic stock updates will take place in situations where the integrated BASSnet™ Procurement module is used when ordering materials and the material consumption is noted during job reporting.



Total control over your equipment & materials movements

Transfer equipment for repairs, transfer it for use on a different vessel or even transfer it to a warehouse for various reasons. Instead of proceeding with a new purchase, handle the transfer of common materials and excess stock of materials from one vessel to another.



Prioritise job safety

With the integration to BASSnet™ Risk Manager, conduct a thorough hazard assessment of jobs and issue permits to work for jobs that require them.

Maximise utilisation of resources

Maintenance scheduling of equipment, connection of multiple equipment to a Scheduled Job (one-schedule feature), monitoring of counter readings with automated calculations, and multiple Job reporting all lead to efficient job planning which effectively enables the vessel manager to maximise utilisation of resources and prevent down time. A complete overview is available to the Technical department at any time.


Save time with a 'Quick View' of your Hull Inspections

See an overview of hull inspections, based on tank types, carried out across all vessels and have a simplified view of all observations noted during the inspection.

One-stop Defects and Claims monitoring

Easy monitoring of defects that have been reported for components or materials across the Vessel. Job Orders can be quickly linked for defect rectification. Use Claims Management to track and monitor the progress of all components and parts under warranty till completion giving you start-to-end control over the entire process.

FINANCIALS

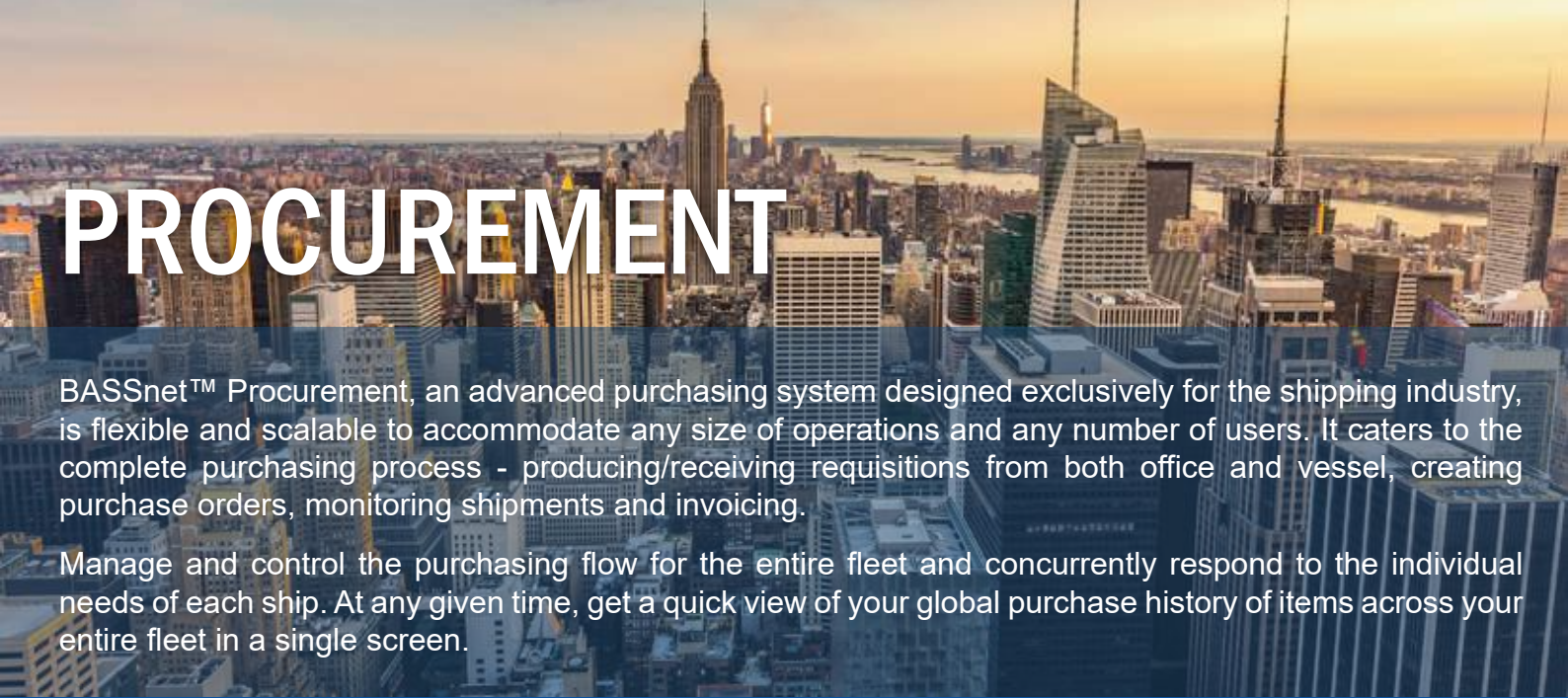


Designed for the shipping industry, BASSnet™ Financials is an advanced Management Reporting system that handles multi-object, multi-company, multi-supplier and multi-currency transactions along with an intercompany feature that lets you create multiple entries for many vessels in one transaction.

The system utilises a web-based environment, supporting multiple users at any location. Centrally track financial accounting data, currencies and partitioned charts of accounts in an environment where transactions between various companies are a must. The system contains reports from the basic status of accounts to the most advanced and complex management reports.

- ✓ **Gain full control over your finances**
Provides up-to-date and integrated financial data to benefit timely and accurate operational decisions. With the integration to BASSnet™ Procurement, eliminate manual entry of purchase estimates, invoices and estimate reversals to ensure a quicker delivery of month-end reports.
- ✓ **Quick access to information with our powerful search engine**
Easy retrieval of information, such as outstanding payments, open purchase orders or any other reports, and export results to appropriate format.
- ✓ **Flexible financial reporting format to meet your needs**
Pre-define the report format in Microsoft Excel and use the structure setup in the system to map and populate the required data in the Microsoft Excel reports.
- ✓ **Powerful user-controlled features provide additional flexibility**
User-defined voucher series, where the numbering can be manual or automatic, different for the holding company or for each company and voucher type. Define mandatory and optional fields for each account type based on your company's needs and create user-defined financial statements. Flexible structuring of the chart of accounts at a corporate, company and business unit level.
- ✓ **Measure your financial performance with the KPI Dashboard**
Generate Financial KPIs to complement your business needs. Commonly used KPIs that can be generated include ROI, Liquidity Ratio (to reflect the company's cash flow) and Outstanding AP/AR (based on due dates), among others.
- ✓ **Multi-currency support**
Capability to calculate the cross rate between the entered currency and the alternative currency, where each company has a nominated base currency although the holding company operates in a different currency. Fixed and temporary exchange rate tables for easy update and automatic currency gain or loss processing.

PROCUREMENT










BASSnet™ Procurement, an advanced purchasing system designed exclusively for the shipping industry, is flexible and scalable to accommodate any size of operations and any number of users. It caters to the complete purchasing process - producing/receiving requisitions from both office and vessel, creating purchase orders, monitoring shipments and invoicing.

Manage and control the purchasing flow for the entire fleet and concurrently respond to the individual needs of each ship. At any given time, get a quick view of your global purchase history of items across your entire fleet in a single screen.

- ✓ **Quick and efficient price quotation process**
Simplified supplier selection process, where quotation requests can be sent through our web-based RFQ solution that caters for online quotation entries or automatically emailed to multiple suppliers via SupplierLink. Once received from suppliers, all information will be automatically populated in the system for easy-viewing and price comparisons.
- ✓ **Procuring the best price with bulk purchases**
A smart feature to help you consolidate existing Requisitions from different vessels or a single vessel containing orders of common parts into a single requisition, to constitute a bulk purchase.
- ✓ **Manage supply of materials to prevent unnecessary costs**
Track if materials are already in transit to prevent over-ordering. To save cost, quickly check if materials requested are available in a warehouse/other vessels and transfer them instead of proceeding with the purchase. Avoid unnecessary expensive purchases with pro-active alerts to replace the current material requested with a substitute.
- ✓ **Powerful budgeting control at your finger tips**
See where you stand in your financial planning by comparing the budget data against actual cost.
- ✓ **Full access to a comprehensive reverse logistics cycle**
Fully manage and track the entire cycle of requisitions and purchase orders for service/repairs that are to be done onboard, repairs/reconditioning that needs to be carried out ashore and also for goods that need to be sent ashore for any reason.
- ✓ **End-to-end visibility of your shipments**
Generate Shipment Orders to be sent to a Forwarder/Agent and conveniently track all shipment movements and status, including compilation of all packaging details from number of packages to measurement dimensions. Match invoices from forwarder/agent with your shipment records before proceeding with payment to ensure accuracy in the entire process.
- ✓ **Instant access to your global warehouse inventory**
See an overview of inventory transactions at all your warehouses in multiple locations. Track the quantity that was received at the warehouse, prior to the goods being delivered to the vessel.
- ✓ **A complete library of supplier contracts for easy access**
Reduce the time spent on the purchasing process by storing all supplier contracts directly in the system for the automatic retrieval of contractual 'unit purchase price' to speed up the planning of a new purchase.



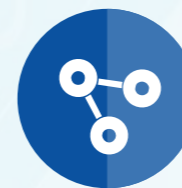
- 
Minimise repetitive data entry during the recruitment process
 Allow access to external users to submit their applications for posted job openings, speeding up the data recording process as applicants can enter their information in a predefined format.
- 
Promote transparency with crew self-management
 Allow seafarers to have visibility on their career progress as they can update their own bio-data, apply for positions onboard a Vessel, see details of their next assignment as well as access their training and career plan information.
- 
Maintain safety at the workplace by monitoring crew knowledge development
 Monitor crew training requirements and knowledge development to ensure they have adequate skills to maintain efficiency and safety at the workplace. Integrate with BASSnet™ SAFIR to see details of crew involved in safety related events onboard, identify the training needs of the crew member involved in the event and make informed decisions when selecting manning for Vessels.
- 
Efficient Manning with our Crew Matrix
 An industry-appropriate and extensive manning requirement feature that supports the qualification matrix requirement of any fleet. Checklists and informative screens indicating crew compliance with manning requirements are available to guide you on actionable procedures for a smooth onboarding process.
- 
Handle the entire crew travel process with minimal data entry
 Keep track of various travel-related costs and handle all bookings and planning for crew travel. Interact with affiliated travel agents directly within the system to retrieve quotation/travel alternate details that will be automatically populated into the system.
- 
Support for various bank payment file formats
 BASSnet™ HR Manager has gathered and developed bank file formats that can be used for exporting various bank payment files.
- 
A flexible system built to ensure smooth budgeting & payroll operations
 Greater flexibility in defining wage types and CBA of crew. This allows for enhanced support for the various wage calculation schemes that each company or fleet uses. The Payroll algorithm is also very capable in generating and consolidating various wage types of the crew. Take charge of your budgeting needs by setting up and updating an 'actual' budget for manning costs or a 'proposed' budget for marketing purposes.

HUMAN RESOURCE MANAGER

BASSnet™ HR Manager is a software solution designed to cover all planning management needs in relation to Human Resource and Payroll.

The HR Manager system supports various crew-centric and fleet-wide planning workflows that can be easily implemented in the crewing processes of clients.

It allows all units involved in HR planning and scheduling of crew changes to work on the same data in real time while significantly cutting down on administration time and costs.



Get one system, all connected, all the time

Monitor crew nominations from anywhere in the world, as well as stay in contact with and view crew records/activities of those who are actually onboard without numerous expensive international calls, e-mail and faxes.



Predictable and efficient crew changes

Your crewing department can concentrate their crew planning on scheduling the right person with the right competence for the right ship at the right time. Avoid unpleasant surprises for the existing onboard crew and ensure their relievers join on time as planned.



Complete fleet-wide visibility at a glance

A user-friendly graphical planner that displays a fleet-wide view of your crew's sailing activities and duration, greatly enhances the visibility of unfilled positions and assists you in ensuring proper crew-complement planning at all times.

RISK MANAGEMENT



BASSnet™ Risk Management is designed to help users define, assess and manage operational risks to improve vessels' safety, security, performance and reputation while achieving the safety management objectives of the ISM Code and TMSA.

With support for risk assessment processes for different types of ships and nature of operations, manage the process of identifying the key operations for vessels and their potential hazards – in association with the execution of tasks during the operations.

- ✓ **Minimise the complexity of defining Operation – Hazard assessment**
The system comes with a well-designed risk template that helps you build your own risk repository by defining the key operations for a vessel, the tasks involved in the operations and the hazards related to each task.
- ✓ **Simplified risk assessment process**
Extensive knowledge on quantitative risk analysis is not needed. With the use of references and lookups, you can ensure that the data captured is accurate and consistent at all times.
- ✓ **Get alerted instantly in high risk situations**
Vessel-based users are alerted for approval if high residual risk is detected on the Risk Assessment form. Comply with the safe work process till completion by assessing risks, and submitting and issuing Work Permits.
- ✓ **Quick-view of fleet-wide risk assessment progress**
See the residual risk ratings for a vessel's operation and drill down to show the actual risk assessment carried out. Proper review can then determine if the current controls for operations can be further improved to reduce risks related to the operational safety and security on vessels.
- ✓ **Handle risk assessments for complex operations**
Create risk assessment for complex operations where more than one operation is involved, for example, when a need arises to perform the operation – 'Hot work in confined space' – which essentially consists of two separate operations. Conveniently build and store a list of Complex Operation codes in the BASSnet™ Register sub module that can be quickly selected when creating risk assessment for your complex operations.

SAFIR

BASSnet™ SAFIR is a 'best practice' solution specially designed for the reporting and analysis of events arising from accidents and hazardous occurrences that affect safety and quality on board ships and within the organisation.

Customised to meet the safety requirements of section 9 of the ISM Code, ISO 9000 and ISO 14000 certification, the safety module in BASSnet™ SAFIR handles accidents/incidents and near misses with regard to personnel injuries and damage to property, environment and commercial/service, while the quality module handles audits, inspections, vetting, non-conformities and suggestions for improvements.



- ✓ **Powerful Analysis Tools**
Calculate the trend analysis based on the data entered over the last 5 years or based on a date range. View statistical reports on costs and off-hire, and safety and quality factors that affect the vessel's operations.
- ✓ **Stay ahead with pro-active preparation for inspections**
Set up checklists for audit, inspection and vetting inspections for use when carrying out a self-assessment on the vessel. View the Requirements Matrix of the Oil Major to be aware of all industry changes and requirements prior to a vetting inspection.
- ✓ **Avoid recurrences by sharing experience with the entire fleet**
Distribute and share 'Lessons Learnt' reports that include inspections, audits, vetting, non-conformity, and so on, to the entire fleet.
- ✓ **Easy and efficient reporting with powerful workflow and process overview**
All reports can be sent for analysis and follow up, and throughout the entire process, the original reports will always remain unaltered. With a fleet-wide view, regularly monitor the status of non-conformities and observations linked to the reports.
- ✓ **Fleet-wide consistent reporting and record keeping**
Unique code structure, defined at an organisational level, provides the framework for uniform data entry and analysis of data across the entire organisation.



OPERATIONS

BASSnet™ Operations is designed to holistically manage your fleet operations. Manage and streamline all information related to each vessel's voyage plan & activities and maintain all ship logs electronically.

- ✔ **Total solution for planning and tracking voyage and port operations**
Log voyage-related events and other relevant information, giving you the means to spot a trend of occurrences that may affect operational efficiency and to analyse the solutions.
- ✔ **Effective organisation and quick follow up of all vessels' certificates**
Manage fleet certificates that are imperative for a vessel's operations with an overview of certificates' status for every vessel, ensuring that fleet certificates are kept up to date at all times.
- ✔ **Quick access to information on every vessel in your fleet**
Easy access to comprehensive practical, technical and commercial vessel information. Keep a record of all equipment installed onboard the vessel, such as Engines, Pumps, Tanks, etc.
- ✔ **Manage and comply with Work & Rest Hours regulations**
Complete management of crew members' work and rest hours to ensure compliance with regulatory requirements such as MLC, ILO, STCW, etc. Have the flexibility to set up work and rest hours' rules, arrange work schedules of crew members and view non-conformity hours across your fleet.
- ✔ **Simplified daily reporting with user-friendly electronic logs**
Electronically log all fleet positions, Ship Log, Ballast Water, Solid Residues, Garbage Record Books, Oil Record Books, Ozone Depleting Substances and Sewage Discharge Log, assisting vessel owners/managers to adhere to the industry regulations.

Generate detailed and summarised data on various emissions, such as Oil and Oily Mixture, Garbage, CO₂, NO_x, SO_x, EEOI, Ozone Depleting Substances and Sewage Discharge, using the Report & Statistics feature.

ENVIRONMENTAL MANAGEMENT

Designed to meet the maritime industry's aim of reducing a vessel's negative impact on the environment and help you contribute towards environmental protection.



The BASSnet™ Environmental Management System places ship management companies in a good position to benefit from the growing demand for green shipping services and puts you on top of all emission-related information, ready for use in tasks like comparing and generating environmental impact trends, to meet various regulatory requirements.

- ✔ **Quick access to a linked library of Surveys, Audits & Documentation**
Link all surveys, certificates and documentation from other BASSnet™ modules. Link surveys from the BASSnet™ SAFIR module, certificates from BASSnet™ Operations' Certificates module and connect documents from the BASSnet™ Document Manager or from your local hard drive.
- ✔ **Get vital information on fuel wastage and polluting emissions**
Calculate and analyse the Energy Efficiency Operational Indicator of a vessel to check the emission levels during a voyage. Have full information on the amount of pollution created to effectively manage and reduce fuel consumption, and lower greenhouse gases and other emissions.
- ✔ **Monitor energy efficiency of the entire fleet**
Calculate emissions released by your vessels during a voyage and see their environmental impact. Use the gathered data for comparisons, generate environmental impact trends or use it to prepare reports required by authorities and/or classification societies.



EU MRV Data Collection Made Easy

With maritime rules and regulations for protecting the environment becoming constantly stricter, BASS has kept ahead of the tech trend and proactively designed the BASSnet™ system to keep ship managers fully compliant with current and upcoming requirements. With the EU MRV Regulation requiring shipping companies to prepare a monitoring plan for each of their ships that fall under the jurisdiction of the regulation, the BASSnet™ system is ready to assist.

The BASSnet™ Environmental Management module currently captures the required EU MRV Regulation data on a per-voyage basis, ready to be extracted from the system and used for the preparation of the monitoring plan/report. The calculation formulas for CO₂ emission is also readily available in our system, and can be generated using the EEOI Calculator and Environmental Emissions Calculation features.



PORTS MANAGEMENT

The BASSnet™ Ports Management module offers you a complete solution for all your port-related dealings.

With the incorporation of IHS Maritime Ports & Terminal Guide data directly in the BASSnet™ system, BASS presents you with data on over 12,000 ports and terminals, 8,000 tanker berths and over 26,000 port service providers enabling you to navigate any port with ease and confidence.

- ✓ **Gain competitive advantage with the latest data at your disposal**
With a repository containing 4,000 port plans, mooring diagrams, photographs, maps, country-related information, pre-arrival requirements, navigation information and berth and cargo information, you have all the information you need to locate specific port services worldwide.
- ✓ **Optimise handling of port operations procedures**
Streamline the administrative tasks related to port operations procedures with an entire library of country-specific port forms for pre-arrival clearance to be tendered to the authorities at a port and for statutory bodies such as the International Maritime Organization.
- ✓ **Minimise the need for manual data-entry**
Integrates with other BASSnet™ modules to auto-populate the forms with data that is required for reporting. Print out port-specific forms required at a particular Port and other related forms such as Environment-related Forms, Class-related Forms, Regulatory Forms etc.

DOCUMENT MANAGER

BASSnet™ Document Manager is designed to ease the administration and management of documents such as governing documents, regulatory-required documents, guidelines, reports, system manuals and corporate documents among others, between the office and vessels.

Its flexible structure supports various document file types for straightforward archiving of all sensitive and non-sensitive documents to support office, fleet and vessel operations.

- ✓ **Quick fleet-wide distribution and version control of documents**
A hassle-free and straightforward document flow process from the office site, facilitating the distribution of documents to a single or group of vessels via our replication engine. The distribution of documents via external storage media is also supported in instances of huge volumes of documents where, once received onboard, the module's upload mechanism makes it easy to merge all the documents into the system.
Improve safety and quality on board vessels as all the ships are updated with the latest version of company documents. Good visibility into document versions on board a vessel helps in adhering to ISM requirements.
- ✓ **Have full control over access and visibility**
In a typical maritime organisation, not all documents are intended for every user. In BASSnet™ Document Manager, the responsible person can set the visibility of each document and even deny access to particular documents based on the sensitivity of the content as well as the targeted level of users. Keep track of the document viewer history, such as viewer, vessel, date and the revision viewed and see a list of users that have yet to view the document.
- ✓ **Complete workflow of document management at your disposal**
Review and approve documents based on user access rights, as the workflow of the entire Review and Approval process is catered for, and publish the documents to everyone or specific viewers when ready. Easily handle document revisions, ensuring that documents are periodically reviewed and kept up to date.
- ✓ **Increase your user-experience by creating your own forms**
Use the designer tool to create your own forms using Microsoft Excel and link them to various records in the system, without needing programming knowledge, and minimise unnecessary costs. Use the Analyze Data feature in the record archive to generate an Excel output containing specific fields derived from a list of Excel Form Manager Records. Create/Customise an Analysis Template to be used as a base for field selections.
- ✓ **Find the right file with our powerful search facility**
Nothing is more important in a vast archive of documents than the search feature. We give you the ability to search for any file, bookmark, email or web address that is stored within the archive using different attributes such as title, path, date, content, file type, role visibility, date created, creator, comment and revision.
- ✓ **Easy and systematic archiving**
Straightforward archiving of all sensitive and non-sensitive documents to support office, fleet and vessel operations. Create an archive with links to any relevant files such as procedures, guidelines, manuals etc.



PROJECTS (Dry Docking)

BASSnet™ Projects is designed to give you full control over the projects carried out for your vessels - track and monitor Refit/Conversion/Modification Projects, Dry Docking Projects, Special Survey Projects, Wet Dock Projects and so on.



✓ Powerful system for managing & monitoring projects

See an overview of all projects for each vessel. Your Superintendent has all the required tools at his fingertips to monitor and update the current status of the jobs and enter the actual cost incurred.

✓ Minimise repetitive data entry for similar projects

Create standard project templates that can be shared amongst your entire fleet or create a project by duplicating a previous project.

✓ Take charge of your project's cost

View the overall estimated cost for a particular project and control costs by monitoring the status of the overall budget.

✓ Improve project control by inter-linking projects

For projects involving the same vessel, link a project to sections in various other projects. Once linked, the cost control can be carried out from the main project itself.

✓ Get the right Yard for the job

All details from a received quote will be automatically populated in the system, giving you an easy avenue to make quote comparisons and award the tender to the selected yard. Evaluate and grade the Yard to ensure future yard selection decisions are based on past performance.

✓ Efficient job handling with integration to BASSnet™ Maintenance

With the linkage to the BASSnet™ Maintenance module, attach relevant 'Scheduled Jobs', 'Defects' or 'Claim' Jobs to a project.



REVIEWS & IMPROVEMENTS

The BASSnet™ Reviews & Improvements module was created to ensure compliance with the elements of the Tanker Management & Self-Assessment (TMSA) guidelines and Chapter 12 of the ISM code.

The Reviews module effectively tracks management meetings/reviews, manages all agenda items with regard to them, tracks improvement programmes developed as a result of these meetings/reviews and manages the self-assessment progress of the organisation.

The Improvements module is useful for Master's System Reviews, Management System Reviews, Safety meetings, PMS meetings, and other operational and strategic meetings. It helps companies establish an improvement programme across their organisation and fleet – where you can prioritise and follow up improvement projects.

And finally, the Self-Assessment module helps you to measure the extent to which your safety and quality systems conform to the best practices and requirements of TMSA.

✓ Have full control over your improvement programmes

With an improvement programme for addressing all safety suggestions made by ship and shore staff in hand, manage improvement opportunities by monitoring the improvement plans with actions and follow ups.

✓ Powerful tool for continual improvement

Track all audit/safety reviews/management of change meetings, and then manage all opportunities for improvement suggested as a result of the defects detected during the meetings.

✓ Designed with your future growth in mind

Identify gaps, critical action needed and plan for future improvements to comply with the latest TMSA guidelines in a bid to achieve safety and environmental excellence. Demonstrate your performance to ship owners, third parties and business partners to promote future growth and gain opportunities.

✓ Self-assessment overview of standardised TMSA

See a self-assessment overview that highlights areas which require improvement and accomplishments. KPIs can be managed in stages, in a progressive manner and monitored throughout until they are accomplished.

GO MOBILE FOR INSTANT EXECUTION

BASSnet™ Mobile

BASSnet™ Mobile is engineered for the shipping executive on-the-go to expedite quick decision-making and inventory management.

BASSnet™ Mobile Approvals

Approvals can be made for requisitions, quotations, purchase orders or invoices directly from a mobile phone while the executive is on the move, preventing bottlenecks in the business due to authorisation backlogs.

Once internet service becomes available, the Approvals mobile application connects and updates the main BASSnet™ database via web services.

The BASSnet™ Approval application is now available for download from the Google Play Store for Android devices and from the Windows Store for Windows devices. An iOS version, for Apple devices, is currently in development for future release.

BASSnet™ Mobile Inventory Control

The Inventory Control module is designed for seafarers to go paperless while working in the stock room onboard the vessel. Use the Scan Barcode or QR code feature to scan a material item with your mobile phone and automatically bring up the specific material on-screen for on-the-fly requisition creations, stock adjustments or quantity updates for received items.

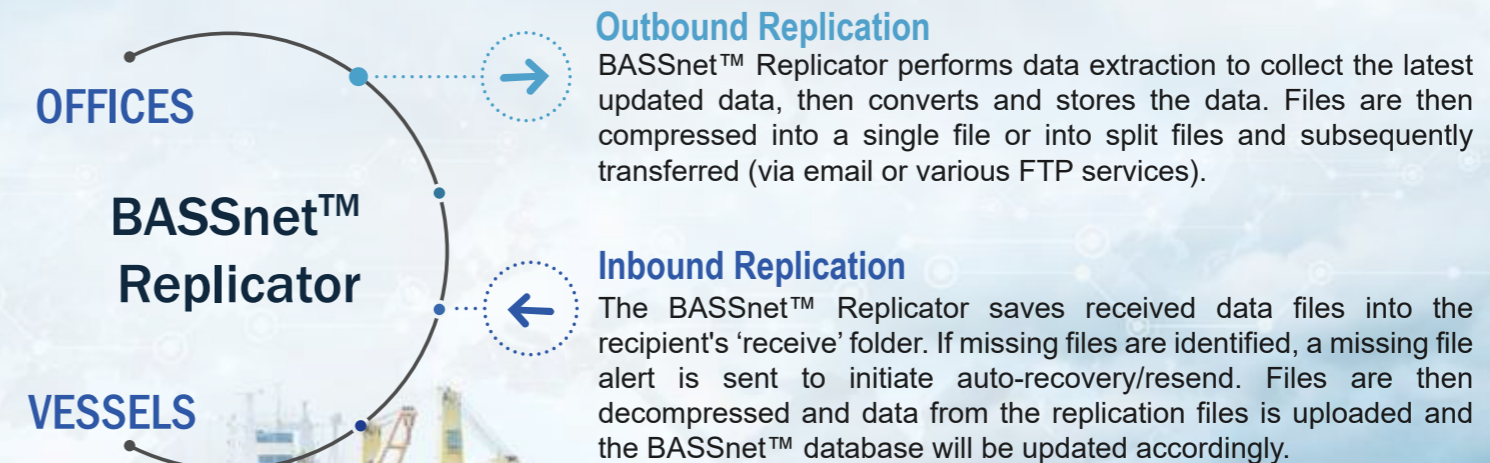
The Inventory Control mobile application connects to and updates the main BASSnet™ database via a USB connection from the mobile phone to the computer where the BASSnet™ system is installed.

The BASSnet™ Inventory Control mobile application is currently available for the Windows Mobile operating system. Android and iOS (for Apple devices) versions are currently in the works.

BASSnet™ Replicator

The BASSnet™ Replicator is installed separately and synchronises BASSnet™ data between Vessels and Offices via email or through File Transfer Protocol (FTP) exchange, to ensure that all sites always see the same information.

BASSnet™ Replicator 4.0 is built on Microsoft.NET technology and runs on any 32 or 64 bit Windows platform, providing you with fast replication performance.



- ✓ The replication process can be automated by setting up a recurring task using Windows Task Scheduler or triggered manually, when required.
- ✓ Replication Email transmission works with universal IP-based protocols SMTP/POP3/IMAP.
- ✓ Large replication files can be automatically split into multiple files based on a defined file size. Once received, the system will assemble all split files, process and update them to the recipient's database.
- ✓ Extensive logging/audit trail options enables Users to quickly carry out a search in the system's history should any issue arise.
- ✓ Works seamlessly with the Cloud version of BASSnet™ with regards to the Windows Job Scheduler and Email transmissions.
- ✓ Automatic file recovery to identify missing replication files.

BASSnet™ Deployment

BASSnet™ On-Premises

The BASSnet™ application will be deployed in a centralised model, where, a master database can be maintained for office and vessels; effectively reducing the cost required for multiple servers and database licenses. It also caters for ease of upgrade and maintenance.

For geographically scattered offices, Citrix is an ideal remote-desktop solution. BASSnet™ Financials and BASSnet™ HR Manager, being web applications, can be accessed either using a web browser or a Citrix solution, as well.

BASSnet™ SaaS

BASSnet™ Cloud services are available wherever customers are located. Users from anywhere around the world can access the BASSnet™ application which is deployed in the cloud, as long as they can connect to a browser.

BASSnet™ Cloud demonstrates the huge potential for cost savings that IT-enabled business solutions are generating. The BASS support team handles administration and monitoring of the software system for subscribers. Maintenance and start-up expenses are low because hardware, applications and bandwidth are managed by BASS. There are no burdensome upfront software costs; rather, BASS merely charges customers a fee for using the software and for BASS services.

Third Party Integration

The BASSnet™ system employs the use of the BASSnet Gateway Module to facilitate the exchange of information between BASSnet™ and third party systems.

The Gateway module enables Users to receive and send files to suppliers, forwarders, and third party systems through a gateway, which is far more convenient than using the options of Email and Print.

Professional Services



Maintenance Services



Our maintenance services includes the rectification of programming & functional defects and software enhancements delivered in the form of individual patches or accumulated in releases.

24/7 Support



The BASS Customer Service Portal (CSS Portal) is a one-stop portal for all customer support issues & is also home to our Knowledge Base, containing a wealth of information for you to peruse. Our global support network is available 24/7 via email or telephone for access to reliable, technical & operational expertise.

Project Implementation



With expertise in the implementation of BASSnet™ for offices and vessels all over the world, our project methodology ensures a safe and high quality installation and configuration that is on time and on budget. By dedicating sufficient resources to ensure a smooth implementation, we aim to deliver a complete operational solution in the fastest possible time without compromising on customer satisfaction.

Training



To ensure user-competency in the BASSnet™ system, our training centre in Alabang, Philippines provides various training courses, such as, Super User Training, Train the Trainer, End User Training and IT Administration Training. Use our Training Calendar to pick your dates or arrange a customised training course on your own dates. Alternatively, training courses can also be held in our Kuala Lumpur and Hamburg offices or you can engage BASS Authorized Training Centres which comprises of BASS-certified trainers.

Database Construction

With an experienced and dedicated team trained to create, deliver and optimise a database to suit your business needs, we will deliver a fully functional database quickly and effectively with minimal impact on your daily operations. Since 2000, BASS has built or converted planned maintenance databases for more than 1500 ships of different types, including LNG/LPG/ULCC/VLCC product tankers, FPSOs, rigs, PCC/PCTC, Ro/Ro, geared/self-unloading bulk, among others.

In addition to building an 'information bank' to help you get the most out of BASSnet™ Fleet Management System, a strong database can help companies improve stock control, gain better overview of components and achieve quality reporting and analysis of equipment costs, reliability and life-cycle. Significantly improve your management of maintenance audit performance by maritime organisations or for TMSA ratings. Classification societies, oil majors and their surveyors examine maintenance systems closely, a task made easy when a maintenance system is accurate and up-to-date, and the database is class approved for the 'Machinery PMS' survey arrangement.



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About BASS

BASS, of Norwegian heritage, founded in 1997, is a leading global provider of fleet management software for ship owners and ship managers, as well as operators of rigs and floating production, storage and offloading vessels (FPSOs), and offshore units.

More than 100 customers, including many of the world's leading shipping companies and offshore service providers, run fully-integrated BASSnet™ Fleet Management Systems on more than 2,000 vessels around the world. With BASSnet™, our customers get a solution that not only manages their physical assets, operational processes and human resources, but also ensures regulatory compliance and improve financial results.

The BASS business strategy is to leverage on a solid footing in both the maritime community and the latest technology to provide the best and most cost effective fleet management solution.

Backed by a competent and experienced management team, BASS has grown from strength to strength, gaining recognition from leading companies in the maritime sector. Our company has evolved from a dedicated team of pioneers to a mature organisation of over 150 professionals with a good balance between development, services and corporate management.

BASS' continuous product development stems from its active user community and ongoing R&D initiatives, where professional customers from around the world meet with BASS executives to network and share experiences. The feedback stemming from this unique competence base – along with BASS' allocation of 25 percent of the company's annual profits to product innovation – guarantees solutions that are simple, relevant and effective.

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Streamlining Maritime Operations

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