

Key processes

Port call registration

Calculation of PDA

Document management

E mail messaging

Crew change

Invoicing – final DA

Project follow-up

Cargo handlings



Complete control of vessel port call

Port Call management in Microsoft Dynamics AX gives you the flexible structure where all information about an individual call is registered. Data about arrival and departure (date, time, quay, bunkers, last/next port, etc.) information about loading and discharging (port, nature of goods and quantity) shipping actions, shifts in port etc. Creation of a port call can also take place through web registration, electronic data transfer. The port call management functionality helps you plan quay bookings without conflicts, crane reservations, manpower, services and calculation of costs and fees. Integration with Gatehouse AIS

Improve the efficiency of your operations by full integration to other functionality inside Dynamics AX

Fully integrated with other functionality inside Microsoft Dynamics AX, like as project finance, sales and inventory management, the solution can help you register financial and inventory data in real-time, reflecting the business flow and securing fast and accurate reporting. Connectivity across modules lets you trace transactions to their origin, so you can verify and analyze transactions immediately or on demand, to support audits or reporting. You can ensure the security of critical data by allowing information access or approval privileges based on job function or other criteria.

With Document Management in Microsoft Dynamics AX, you can create all kinds of document needed based on the port call information. Like Notice of readiness, Statement of Facts, Letters of protest, Bill of lading, etc. These documents are created based on pre-defined Word templates and are saved with reference to the actual port call and therefore always easily accessible. The document management functionality can also be used to attach incoming documents to the port call for instance E-mail messages, vessel details, certificates, charter parties, etc.

The solution can help you sending E-mail messages to your business partners. The content of the message is based on the status of the port call, pre-arrival, arrival, or sailing messages. Also the daily reporting can take place by just pushing a button.

Crew can be registered on the port call, to be able to accompany the crew change with documentation and forms.

Manage your disbursement cost and fees effectively

Services on the Port Call in Microsoft Dynamics AX can give you immediately insight into your disbursement costs and fees. More than 100 calculation methods can be combined with advanced tariff setup to calculate costs and revenues. Using a template the system suggests a set of services to be charged.

These services can be immediately invoiced or transferred to a project budget to be used as forecast on expected costs or creation of purchase orders to record commitments. The project module in Microsoft Dynamics AX helps you efficiently manage project accounting across your company with full financial overview and controls.

Provides greater insight into your services and gives you the ability to schedule your resources

The service calculated on the port call can be a physical action as well as different type of fees. The physical action type of service can be setup as tasks on a resource or job. This gives you the possibility to schedule this resource or to list different types of jobs to be for filled on the port call. Resources could be machines, personnel, tools, vessels, cranes, quays, trucks, railway etc. Through resource handling you can define, maintain, schedule and display usage of resources.

Web portal and integrations with third party applications empowers customers and other business partners, new collaborative capabilities. Microsoft Dynamics AX contains also Web Portal functionality. This gives you the possibility to establish global reporting facilities to your customers and collaboration with business partners. For instance customers can see the status or documents on an existing port calls and can create a new one through the internet.

Effectively managing your cargo handling

Cargo handling can be performed on bookings linked to the port call. Cargo handling consists of registration of goods including owner, recipient, positioning of consignments on the vessel and recording of actual quantities and times. This with regard to the vessel's balance and possible distribution. When the task is performed, actual quantities and times, as well as stoppages are recorded.

Feature Highlights

- Vessel
- Geography
- Port call
- Duties
- Booking
- Easy to use
- Resources
- Project management
- Streamlined invoicing

Vessel

- Vessel registration
- Cost templates
- Vessel history on name and call sign
- Retrieving vessel data form integration Lloyds Fairplay
- Vessel status display by integration with Lloyds sea-web and equasis

Geography

- Flexible setup of geographical countries and regions
- Port setup, port area/ terminal, quays and bollards
- Distance and control areas
- Liner service, roundtrips

Port call

- Time zones
- Call purposes & Cargo groups
- Ship actions

Duties

- Calculation methods
- Duty setup
- Service sets (templates)
- Invoice setup

Booking

- Registration of cargo
- Stowage plan
- Registration of actual stowage & stoppages

Easy to use

- Intuitive screen layout and structure
- User-adjustable menus, entry forms and reports
- Advanced sorting and filter options
- Built-in user Help including an integrated manual
- Option to e-mail and fax directly from Microsoft Dynamics AX

Resources

- Resource management
- Setup of Rail, trucks and barge
- Resource capacity per cargo

Benefits

- Helps you to be in control of all vessel port calls
- Helps you improve the efficiency of your operations by full integration to other functionality inside Microsoft Dynamics AX
- Helps you manage your disbursement cost and fees effectively
- Provides greater insight into your services and gives you the ability to schedule your resources
- Gives you the power to perform fast and reliable messaging an status reporting
- Web Portal functionality gives you the possibility of global reporting to customers and collaboration with other business partners

Project management

- Follow up on budgets versus actual
- Periodically match cost and revenue in the same ledger period
- Accrue revenue on time of the cost, alternatively move the cost to the time of the revenue by posting WIP to cost value or sales value

Streamlined invoicing

- Use flexible line property set-up to capture chartable and non-chartable costs
- Adjustment of transaction before creating your invoice proposal
- Edit invoice proposal before final invoice