



DEMAND

SUPPLY

ibsoftware

Demand Planning & Capacity Forecasting

Predict your optimal logistics and accommodation capacity requirements

ilogistics
PLANNING

Key Benefits

- Enhanced strategic logistics planning
- Improved demand planning horizon
- Assured demand planning accuracy
- 'What if?' scenario analysis and simulations
- Operational planning excellence

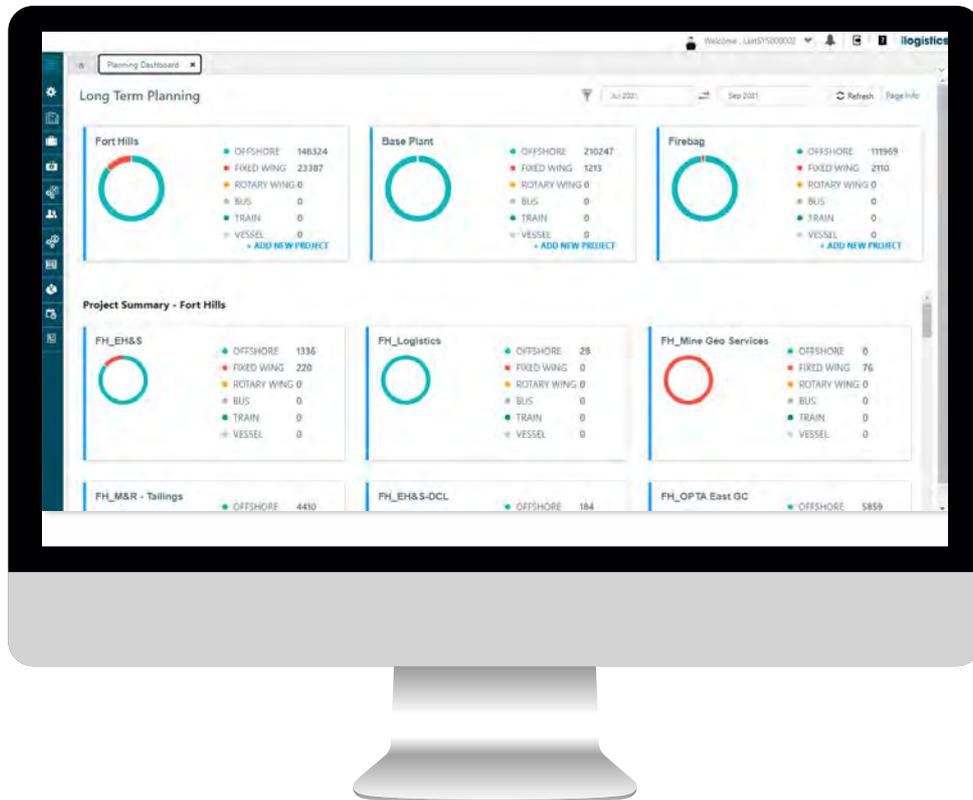
iLogistics Demand Planning & Capacity Forecasting module helps to perform easy demand vs supply simulations and determine the most optimal logistics & accommodation capacities. Optimal capacity is derived from forecasted demand, resource availability, historic data trends and configurable business constraints.

Improved Demand Planning Horizon:

Seamlessly connected with Integrated Activity Plans (IAP), iLogistics Demand Planning makes it easy for stakeholders in projects, drilling & completions, production operations, maintenance and facilities management to manage long term personnel and material demand forecasts, up to 2 years in advance.

Demand Variance Analysis:

Automated 14-30-60-90-day variance analysis helps to assess trends, giving insights on the accuracy of the demand plan forecasted by each project and contractor on personnel and material logistics demand. Assess schedule demand variance (with respect to the bookings made) and actual demand variance (with respect to the actual operations) to improve planning.



Optimal Capacity Forecasting:

Easily determine the optimal logistics and accommodation capacities with inbuilt algorithms. Predict your optimal logistics (commercial flight seats, charter aircrafts, helicopters, crew boats, supply vessels, buses, cars, trains, trucks) and accommodation capacity (camp rooms, hotel rooms, offshore bunks) based on forecasted demand and configurable business constraints. Demand Vs Supply Simulations: Assess the forecasted demand against available capacities to take action on the overflow days, where the planned demand exceeds the available capacity. Manage the overflows by procuring additional capacity or by levelling the demand by working with operational stakeholders. The capacity planning automatically considers the maintenance schedule of logistics assets and accommodation facilities.

Automated Bookings:

Bookings are automatically generated through Robotic Process Automation (RPA). These bookings are updated automatically based on operational constraints like leave plans and resource availability. The automated bookings can be modified by travelers or traveler focal points based on configuration settings.

Automated Logistics Schedules:

Automate logistics schedules for aviation, marine and land transportation assets based on optimal capacity forecasts and asset maintenance schedules.

Trends, Predictions & Analytics:

Generate historical trend analysis based on past projects/activities to predict the future demand. Real time variance analysis and historical trends allow logistics planners to allocate demand buffers to refine optimal capacity requirements.



Redefining the Future of Travel through Technology Innovation

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