



# **i**logistics

Optimizing Personnel &  
Material Logistics Operations

# i**logistics**

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iLogistics is an AI driven cloud-based SaaS platform to optimize personnel logistics, material logistics, fly-in fly-out (FIFO) charter operations, personnel on board (POB) and camp operations in upstream oil & gas, mining and renewable industries. Its cutting edge artificial intelligence capabilities drive competitive advantage through automation, smart decision making, help net-zero carbon emissions and optimization of multi-modal logistics operations.

# iLogistics Overview

iLogistics is the global leading SaaS technology platform to optimize end-to-end personnel and material logistics in energy & resources sector, helping to achieve net-zero logistics operations and reduce costs. Its integrated people and material logistics optimization capabilities cover long term demand forecasting, capacity optimization, multi-modal logistics execution by air, sea & land, workforce accommodation at camps, hotels & offshore locations, performance monitoring and analytics. iLogistics improves operational safety, ensures ESG compliance and helps customers embrace futuristic logistic models like Logistics-as-a-service, asset sharing, consortium and marketplace models

Achieve sustainable business transformation by reducing manual interventions and implementing

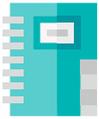
best practices of collaborative asset sharing, self-service business operations, end-to-end supply chain visibility, and monitoring of utilizations & nonproductive times. Reduce operating hours of charter aircrafts, helicopters, crew boats, supply vessels and land based logistics assets with the ability to use fewer logistical assets more efficiently through better planning and scheduling activities. Enjoy a personalized user experience by selecting the language of your choice including English, Portuguese, Spanish, Russian, Kazakh, French, Portuguese, Spanish, Chinese and Arabic thereby minimize translation requirements in non-English speaking countries and reduce implementation time. Robust product roadmap, continuous innovations & best practices with a single product version, focused on evolving market trends and industry inputs.



# iLogistics Modules

iLogistics offers an integrated technology suite to optimize end to end personnel and material logistics operations of energy & resources industry with the following key modules.

01



## Demand Planning & Capacity Forecasting

Optimal capacity forecasting | Demand vs Supply simulations  
14-30-60-90 day variance analysis | Crew rotation schedules  
Logistics schedules | Trends, predictions and analytics

02



## Personnel Logistics by aviation, marine and ground transportation

Single integrated travel itinerary | Crew scheduling & multi-modal bookings | Multi-level authorizations | Safe journey management | Digital health passports | Visa & work permits  
IATA boarding passes & baggage tags | GDS integration

03



## Personnel On Board

POB planning | Crew scheduling | Real-time field POB tracking  
E-mustering | Frog transfer | HSSE compliance

04



## Workforce Camp Accommodation

Bed capacity optimization | Self-check In and checkout | Point of Sale (POS) technology | House keeping | Meal tracking | Invoicing & payments | OpenTravel Alliance (OTA) integration

05



### Material Logistics by marine vessels, trucks & drones

Vessel sharing | Bulk Remaining On Board | Vessel activity log  
Vessel routing & tracking | Trucking operations | Material track & trace | Logistics Control Tower

06



### Underground Mining Logistics

Crew & material demand planning | Cage Scheduling | Handheld Receipts | Inventory management | Self-Check-in kiosks

07



### Open-Pit Mining Logistics

Equipment management | Crew scheduling | Truck and train scheduling | Ground transport and accommodation  
Waste management

08



### Logistics Optimizer

Strategic logistics optimization | Optimal network & fleet types  
Operational logistics optimization | Optimal mode of transport  
Route optimization | What- if simulations | Drilling logistics optimization

09



### Terminal & Shore base Operations

Asset tracking | Berth planning | Crew operator planning  
Activity planning | Bulk, fuel & MGO management | Fixed base operations (FBO) | Waste management

10



### Mobility Apps

iLogistics Go Traveler App | iLogistics Go Travel Approval App  
iLogistics Check-In App | iLogistics POB Tracker App |  
iLogistics Driver App | iLogistics Cargo Scanner App | iLogistics Field Ticketing App

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## Value Drivers



### Reduced GHG Emissions

- Optimal Hubs & Fleet Types
- Optimal Fleet & Routing
- Green Travel Options
- Drones | Electric Vehicles
- ESG Score Improvement
- Optimizer & What-If Simulations



### Optimized Logistics & Supply Chain Spend

- Lower Non Productive Time
- Early Rental Returns
- Improved Demand Planning Accuracy
- Higher Asset Utilization
- Integrated Personnel & Material Logistics
- Logistics Control Tower



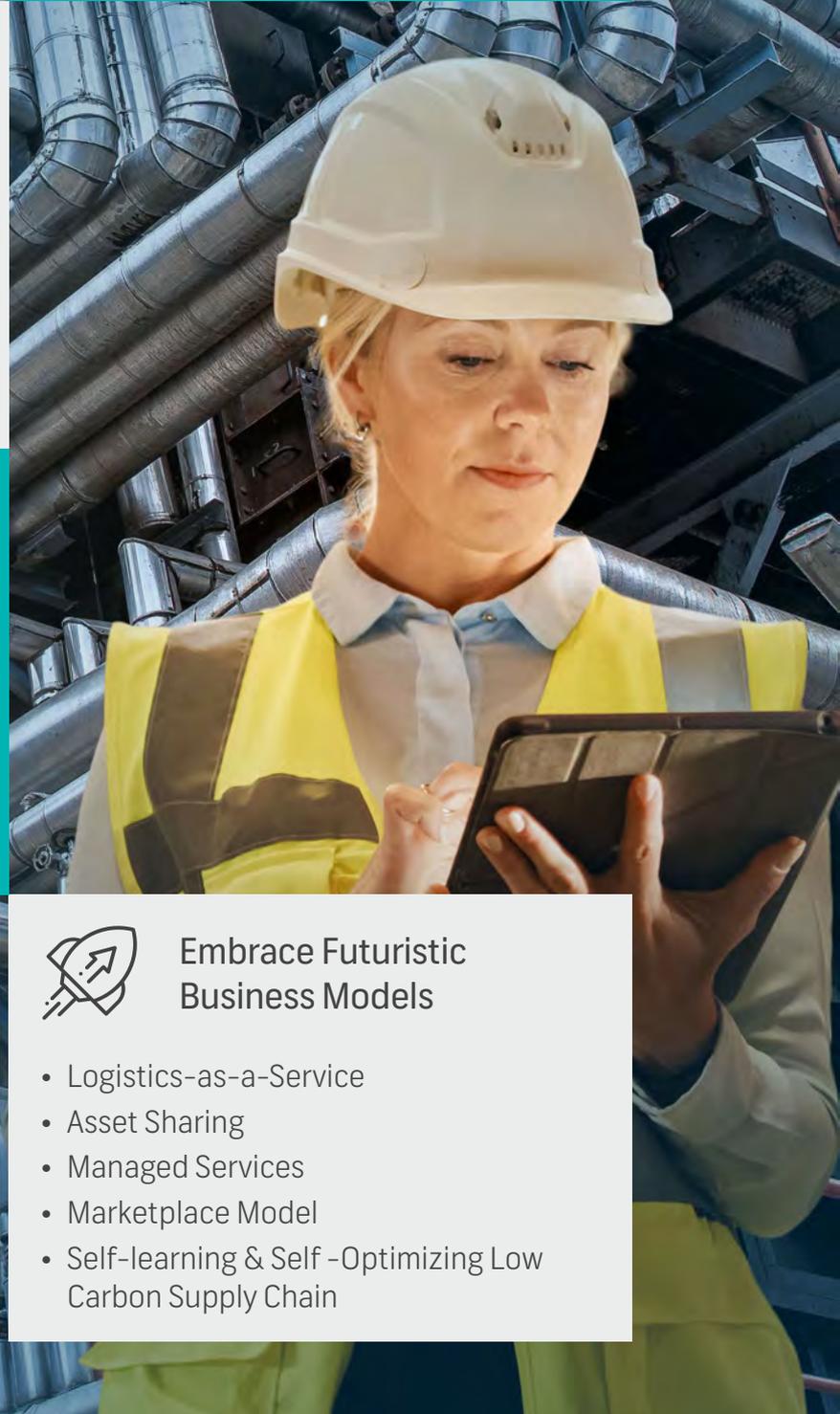
### Operational Efficiency & Safety

- Automation
- Digitalization
- End-to-End Visibility
- Digital Health Passports
- Training Certifications
- POB Tracking & HSE Compliance



### Embrace Futuristic Business Models

- Logistics-as-a-Service
- Asset Sharing
- Managed Services
- Marketplace Model
- Self-learning & Self-Optimizing Low Carbon Supply Chain



# Business Intelligence & Analytics

## Unlock data insights and achieve logistics excellence

Turn your logistics data into actionable insights using in-built business intelligence & analytics engine. The business intelligence framework leverages on historical and real-time data to make smarter decisions for on-time delivery, reducing trip hours, improving asset utilization and managing disruptions. The analytics engine help to predict future personnel & material logistics demand and optimize future logistics and accommodation capacities. Historical trend analysis based on past projects/activities and variance analysis allows logistics planners to allocate demand buffers to ensure optimal capacity requirements.

**Dashboards:** iLogistics offers a comprehensive set of operational and executive dashboards to visualize key metrics like asset utilization across all modes of transport and accommodation facilities. With the ability to drill down data to daily and asset level, the dashboards offer greater insights into available logistics capacity and utilization.

**Do-It-Yourself (DIY) Reporting:** iLogistics comes with a built-in dynamic reporting framework, allowing users to generate their own reports by connecting to the database views. Users can easily build custom reports and publish them for access by other users/user groups.

**Advanced Visualization:** Simply connect to iLogistics using your visualization tools like Power BI, Tableau, and Spotfire for advanced data visualization and business analytics. Create interactive dashboards and reports that provide actionable insights and drive business results.





# Third-Party Integrations

Collaborate seamlessly with on premise & cloud applications in the enterprise eco system

iLogistics comes with standard out of the box API integrations to connect seamlessly with third party applications (on premise & cloud) in the enterprise eco system. iLogistics natively integrates with standard enterprise systems like SAP, Oracle, Primavera, IBM Maximo, Workday and major IVMS, GPS and RFID technology providers. The integration layer (ESB) supports major enterprise integration patterns such as message router, content based router, dynamic Filter, Pipe & Filter etc. REST based protocols and JSON data format are generally followed for all API calls. It supports multiple protocols like SOAP, SFTP, SMTP, REST, HTTPS, JMS and multiple formats like XML, JSON and CSV.

*There is not a lot out there in terms of alternative tools in my experience that provide end- to- end process. Some tools excel in parts of the process but for us, iLogistics is a holistic tool that covers end-to-end, I would say that is what attracts me the most.*

**David Dunnet**

Strategy and Planning Lead for Logistics, Shell

*ONEC Logistics, in partnership with the Haisla Nation are pleased to be working with IBS Software who offers such a robust, integrated software solution for managing air, camp, and bussing.*

**Jason MacDonald**

President of ONEC Logistics Inc





## About IBS Software

IBS Software is a leading SaaS solutions provider to the travel industry globally, managing mission-critical operations for customers in the aviation, tour & cruise and hospitality industries. IBS Software's solutions for the aviation industry cover fleet & crew operations, aircraft maintenance, passenger services, loyalty programs, staff travel and air-cargo management. IBS Software also runs a real time B2B and B2C distribution platform providing hotel room inventory, rates and availability to a global network of hospitality companies and channels. For the tour and cruise industry, IBS provides a comprehensive, customer-centric, digital platform that covers onshore, online and on-board solutions. IBS Software is a Blackstone portfolio company and operates from 15 offices across the world.

Further information can be found at <https://www.ibsplc.com>

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Redefining the Future of Travel through Technology Innovation

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