

# ILS

Integrated Logistics System

## ASSIGN A **virtual**manager

FOR EVERY VEHICLE, SHIPMENT & DRIVER  
RIGHT FROM YOUR DESKTOP



ILS is an Integrated Logistics System that allows companies to minimize cost, optimize service levels and increase efficiency within their transportation and logistics networks. ILS is designed to support a broad range of industries; from those with basic transportation needs, up to industries with highly complex logistics requirements like LPSs.

ILS is flexible to fit the needs of different business sizes: its modular and integrated architecture allows organizations to dynamically scale up the system and extend its capabilities as they grow, while its ability to integrate with ERP systems makes ILS a competitive package for large-scale organizations.



### AHCC

#### Headquarters

2301 Research Blvd., Suite 204  
Rockville, MD 20850, USA  
Main: +1-301.740.8580  
Fax: +1-240.631.2594

#### Egypt

8 Abd Elhameed Shoman St.,  
Nasr City, Cairo, Egypt.  
Tel & Fax: +202 22748724

#### International Offices

Ghana | Kuwait | Dubai | Japan | Saudia Arabia |  
South Africa  
Email: [info@ahccinc.com](mailto:info@ahccinc.com)  
Web: [www.ahccinc.com](http://www.ahccinc.com)

## Transportation Operations Module:

ILS Operations module helps transportation managers improve operational efficiency through better route development, enhanced resource utilization and reduced fuel consumption.

Our built-in Asset Management engine that allows you to define, assign, manage and track resources- such as drivers, vehicles and equipment, with all associated attributes like operating/driving licenses and fuel consumption for vehicles operating in your fleet.

Our built-in Business Rules engine allows the system to conform to your business strategies and generate automatic assignments between various resources upon certain events.

Utilize the built-in Shipment Rating system, to easily define pricing for shipments according to sets of input variables such as distance, location, shipment weight and volume.

To help you manage your business further, our Resource Optimization engine automatically assigns and allocates resources according to the best utilization and lowest cost, while providing visual operational plans ready for execution. To help you monitor your business, the Dispatch Dashboard allows you to track shipments, drivers and equipments from different facets. against each other, and against the shipping timeline.

The Business Intelligence dashboard, is a fully customizable dashboard that allows you to track essential operation KPIs such as fulfillment rate, shipping time variance, fuel consumption, driver performance and overall/per industry ROI.

## Fleet Maintenance Module:

ILS Maintenance module helps maintenance managers extend equipments lifetime, improve equipment utilization and ultimately maximize the ROI per asset.

Our Built-in Asset Management engine allows you to define, manage & track labor, spare parts, vehicles and tools with all associated attributes such as insurance, warranty, scheduled repairs, etc.

Maintenance Module's built-in Vendor Database management gives you the ability to track your fleet's scheduled servicing, inventory, and fueling.

Our Preventive Maintenance application supports scheduling with automatic check wizards and alert systems with advanced features for meters management. Meanwhile, Repairs Management allows you to monitor trends in repair needs/costs, manage unexpected damages. Repair and Maintenance data is saved to formulate cost-benefit analysis, discover employee abuse of equipment and keep track of money-draining equipment and keep outdated equipment on track for major repair or retirement. At the same time, equipment history records are saved to analyze costs.

To ease the repair and maintenance process, ILS's Transactions Management, automatically generates work orders for each piece of equipment based on the due maintenance. With the built-in Purchase Requisition system, automatic POs are generated based on re-order points, user selection, or during work order entry. Invoices for work orders are generated and invoice payments are recorded.

The fully customizable Business Intelligence dashboard allows you to monitor and manage essential maintenance KPIs such as equipment usage, budget compliance, equipment out of service, fuel efficiency and asset consumption over the course of regularly conducted business activity.

## Vehicle Tracking Module:

ILS Tracking module helps you in verifying employee productivity, monitoring and correcting dangerous driving habits, and optimizing your organization's efficiency.

Routes & Locations Management allows you to create/modify routes, place objects on maps to create locations such as bus stops, hospitals and parking areas.

Real time vehicle tracking that allows you to locate your vehicle on a map, add watchers on vehicles, record vehicle movement, even within specific date and time ranges, and receive instant updates about vehicle status.

ILS's Control Panel allows you to control vehicles from your office computer by sending command signals such as lock/unlock vehicle, set speed limit, shutdown engine, etc., the event log will monitor, notify, record and report data about specific events such as excessive brake rate, doors opened, top speed reached on a trip, fuel updates, seatbelts and more.

ILS's Geo Fencing feature gives the ability to define routes and areas and notify the system whenever and whenever the vehicle deviates off the route or gets out of the assigned area.

## ILS Features

- Transportation order management
- Fleet management
- Shipment management
- Localization
- GPS tracking
- UOM customization
- Visibility, reporting, and analytics
- Business process automation
- ERP integration
- Add-ons manager to extend system capabilities
- Unified data entry across various modules
- User friendly interface

## ILS Benefits

### *Reduced transportation costs*

- Reduced operating & running costs
- Minimizing distance travelled, stop duration, and fuel usage
- Reducing fleet size necessary to service orders
- Reduced overtime charges

### *Increased customer service levels*

- Improving customer service and retention by facilitating arrival & departure times
- Customer ability to track transportation order status

### *Increased supply chain performance and reliability*

- Increased utilization of both resources and fleet
- Greater business process flexibility
- Elimination of ad hoc fleet requirements
- Improved time management

## Related Products

- Asset Management
- Human Resource Management
- EnRoute (Sales Force Automation)
- AHCC CRM & Call Center Services