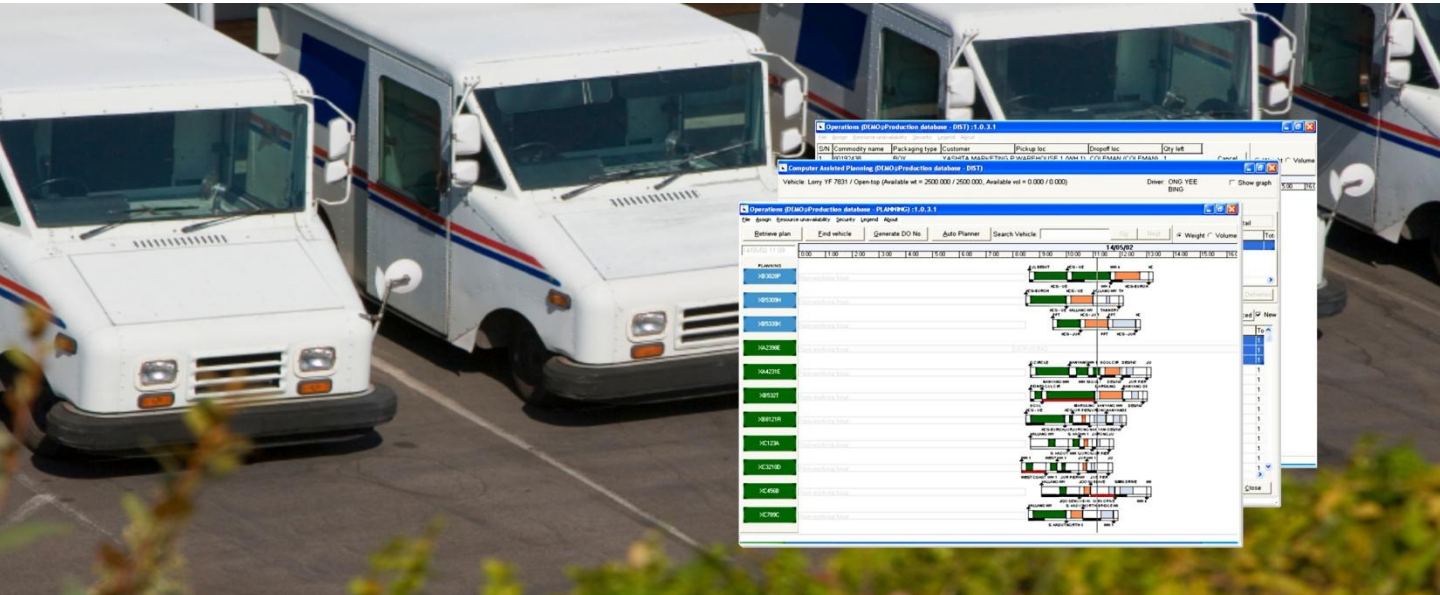


Enterprise Class Transport Management System

Achieve transportation efficiency with robust planning and execution capabilities



ATLAS™ Transport Management System

Standard Modules

- Order Management and Processing
- Delivery Track and Trace
- Job Assignment and Monitoring
- Computer Assisted Planning
- Departmental Configuration
- Resource Configuration
- Report Generation and Configuration
- System Administration

Optional Modules

- Auto Scheduling Engine
- Sub-contract Management
- Driver Incentive Payment
- Advanced Report Integration
- Rates Management and Billing
- Costing Management
- Electronic Order Link
- Online Customer Link

ATLAS™ Transport Management System (TMS) is an intelligent transport management system built with advance planning and scheduling capabilities that enables transportation and distribution companies to plan, track and manage delivery operations efficiently.

ATLAS™ TMS provides an array of tools to allow logistics and transport planners to organize receipt, tracking and execution of customer's transportation orders while taking into consideration real-life operational constraints (e.g. resource availability) and customers' requirements.

Using an intelligent algorithm, ATLAS™ TMS recommends the most efficient transportation option and provide key performance data, including throughput, delivery timeliness, and vehicle/ driver performance to support informed decision making in the long run.

To cater to the growing operational requirements of transportation and logistics companies today, ATLAS™ TMS also offers flexible upgrading options, including auto-scheduling for large delivery volumes, sub-contracting job management, driver incentive programme, and advanced integration with customers' or external sales systems.

Key Benefits

- Greater Operations Visibility
- Improve Operational Efficiency
- Lower Operating Costs
- Greater Load Optimization
- Better Throughput
- Improve Labor Productivity
- Enhance Customer Service Level



About ATLAS™ Solution Suite

Autoscan Technology's ATLAS (Advanced Transportation-Logistics Application Services) suite of supply chain solutions includes Warehouse, Container Yard and Transport Management Systems. These systems can be implemented with automatic identification and data capture (AIDC) and radio frequency identification (RFID) devices to provide real-time asset tracking capabilities, which in turn create transparency and visibility throughout the entire supply chain.

About Autoscan Technology

Since 1992, Autoscan Technology has helped companies to define strategies, streamline processes, and implement systems with its innovation and thought leadership in supply chain management, AIDC and RFID technologies.

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Standard Modules

Order Management

This module allows users to add, edit, cancel and track the status of each customer's orders. Users can also attach additional documents (e.g. custom papers) to the order entities. To ensure that the correct order has been entered, the system will check the entry against other information.

Delivery Track and Trace

This module allows users to update and trace the orders and their current delivery status based on specific search criteria such as order, customer, delivery or carrier. Each update is time-stamped for easy reference.

Job Assignment and Monitoring

This module allows users to manually assign, update and monitor the progress of each delivery job. Users can define the time frame for each delivery job assignment. In addition, the module also caters for various delivery modes, including point-to-point, multi-legs, distribution, consolidation and even a combination of sorts. It also supports assignment of delivery resources, including lorries, towheads, trailers and containers.

Computer Assisted Planning

This module assists users by quickly matching jobs to available delivery resources. In addition, it also calculates the estimated job duration by factoring loading, unloading, queuing and average travelling time.

Departmental Configuration

Designed for organizations with different groups of delivery resources, this module supports order distribution and transfers between different groups or departments.

Resource Management

This module enables users to manage various delivery resources, including delivery vehicles, trailers and containers and assign drivers to them. This module also constantly updates the system on resource availability and maintains record of their status.

Report Generation and Customization

This module provides rich standard and user configurable reports on order and delivery performance. Some standard reports includes Orders, Resources Availability, Timeliness of Deliveries, Vehicle and Driver Performance.

System Administration

This module allows businesses to create master profiles for key users such as customers, shippers, consignees, agents and master details for location, country codes, documents types, zones, distance matrix, commodity mix and constraint matrix. In addition, this module also allows system administrators to create user accounts, define privileges and access rights.

Optional Modules

Auto Scheduling Engine

This module enables users to generate an effective transport plan for those deliveries that are still outstanding based on selected criteria such as time frame and operational constraints. As a value-added feature, this module can also support real-time updates if live data feeds such as traffic conditions, location information and estimated arrival time are available.

Sub-contract Management

This module supports the updating and tracking of sub-contracted delivery jobs, including inter-departmental sub-contracts. This module also captures sub-contractor rates and generates reports for tracking sub-contracted orders and bills.

Driver Incentive Payment

This module is designed to compute drivers' incentives and rewards based on their job performance. Pay schemes can be defined by number of loaded trips, completed deliveries, total laden weight or volume delivered.

Advanced Report Integration

This module allows customized reports to be created by third party reporting tools such as SAP® Crystal Reports®. Database view and data dictionary functionalities are also available to facilitate report creation and modification.



About ATLAS™ Solution Suite

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Optional Modules (Cont'd)

Rates Management and Billing

This module allows users to create and consolidate billable items and fees for invoicing. It works by generating invoices based on defined, standard and/or contracted rates, and trips.

Costing and Payment Management

This module captures and presents direct costs associated with every customer's order in a report format.

Electronic Order Link

With this module, ATLAS™ TMS can be easily integrated with internal and external sales systems to automatically receive, notify and update customers' orders in the system.

Online Customer Link

This module provides a web-based interface that allows customers to directly place, acknowledge and track their orders anytime, anywhere.

Direct Driver Link

This module allows planners to communicate and dispatch job orders to the drivers via mobile devices (e.g. mobile data terminals and PDAs). User defined and standard text messages can also be exchanged through this module.

Getting Started

ATLAS™ TMS is available today as a SaaS (Software as a Service) solution to enable small-to-medium sized transportation and distribution business to experience the benefits it delivers with minimized cost of ownership and shorter implementation time frame. It is also available on a turnkey basis for larger firms. For more information on how ATLAS™ TMS can help you in improving your transportation and order fulfillment needs, please email info@sg.autoscan.biz.