



# TRANSPORT PLANNING

WORLDWIDE BUSINESS SOLUTIONS

## MANAGING FLEETS MADE EASIER

**System21™ Transport Planning provides the planning and day-to-day management of transportation.**

**Transport Planning can be configured, per transport center, to build orders onto available loads automatically until the maximum weight or volume is reached.**

System21™ Transport Planning provides the planning and day-to-day management of transportation. Together with the appropriate System21 Customer Service and Logistics applications, it provides a comprehensive solution for organizations managing their own fleet, those using third-party carriers or a combination of both. All of the order entry methods available in System21 may feed Transport Planning automatically. Alternatively, orders may be entered directly into Transport Planning with their capacity requirements.

System21 Customer Service and Logistics solutions help balance the often conflicting targets of maximizing customer service and minimizing cost. Through the use of the powerful functions provided, and timely communication of key performance measures, logistics performance is optimized and customer demands met.

Developed to support a supply chain philosophy, the comprehensive range of facilities for recording and processing customer demand (and satisfaction) provides the key activities for the accurate and flexible control, which is essential for effective and efficient customer service.

Pro-active planning tools optimize inventory levels and the utilization of warehouse space and transport facilities. This ensures that goods are in the right place at the right time, with supply measured against actual and forecast demand for each individual supply center.

### KEY FEATURES/BENEFITS

Key features benefits of Transport Planning include:

- Integration with other System21 applications
- Defining multiple companies
- Supporting multiple transport centers (i.e., locations from where goods are shipped and where transport requires planning with access optionally restricted to certain users)
- A single transport center that can process sales orders for multiple warehouses
- Giving Transport Planner visibility of the sales order requirements at any of a number of stages
- Creating transport requirements at order capture or allocation, and providing an optional level of control via a transport lead time (i.e., only those orders requiring delivery within a specific time interval are made visible to the Transport Planner)



**TRANSPORT PLANNING ENABLES OPTIONAL PROCESSES TO BE EASILY BY-PASSED.**

- Automatically reflecting any amendments or cancellations to the sales order are in Transport Planning
- Calculating requirements, in terms of transport, automatically for each order and can be based on weight, volume and number of containers (e.g., pallets, cases, barrels, tanks)
- Configuring Transport Planning, per transport center, to build orders onto available loads automatically until the maximum weight or volume is reached
- Driving sales picking lists directly from the transport requirements enabling marshalling of requirements by carrier, route or load
- Transport Planning enables optional processes, such as freight rating and confirming load dispatch, to be easily by-passed
- Soft-coded load status descriptions (can be easily amended)
- Multiple status descriptions for Bills of Lading
- Printing loading sheets in ascending or descending drop sequence to aid the loading of vehicles
- Master loads that support the consolidated trunking of goods to local delivery depots where they are split into smaller subloads for onward shipment
- Automatically calculating the requirements of the master load from the subloads attached to it
- Supporting full freight rating with rating tables (carrier contracts) optionally used as the basis
- Once rated, the Advanced Financial Integrator supports full accrual accounting in the Advanced General Ledger with the cost of the transport load being apportioned to its contents based on weight, volume or number of containers
- Deriving postings from any attributes of product, customer, carrier or route
- Matching the carrier's invoice against one or more rated loads that are awaiting payment (any variances are subject to authorization and reason codes)
- Posting the invoice to the Accounts Payable Invoice Log for payment via the normal cycle
- Posting all variances, plus any other user-defined postings, to the Advanced General Ledger via Advanced Financial Integrator (with appointment)
- Archiving facilities are available, as are a full set of inquiries and reports which aid the planning and operations of transport

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