



**The Truck Scale Management System must meet the following minimum specifications:**

- ❑ 32 or 64 bit Windows 7/8/10 compatible computer system
  - Intel Core i3 processor or greater
  - 500GB available hard disk space
  - 8GB RAM
  - CD ROM drive
  - Ethernet port
  - USB ports
  - high speed internet connection for remote support
  - Uninterruptible Power Source (UPS)
  - data backup device
  - Laser or ink jet printer for ticket/report printing
  - An available RS232 serial port for scale indicator
- ❑ Network Compatible
- ❑ Fully keyboard compatible, (operational without presence of mouse)
- ❑ Number of transactions, vehicles, customers, jobs, sources, locations, containers operators limited only by fixed disk space.
- ❑ Process ticket transactions by entering vehicle identification
- ❑ Entry of Vehicle Identification will recall a default Customer, Job, Source, Location, and Material
- ❑ Ability to capture vehicle tare weights for regular customers
- ❑ Ability to use stored vehicle tare weights allowing for one-weigh ticket transactions
- ❑ Ability to assign an expiration period to stored vehicle tare weights. This expiration period must also allow for an "infinite" use period.
- ❑ Handle alpha-numeric as well as numeric only data
- ❑ Allow Ticket to be flagged as a Random Inspection
- ❑ Allow a no-weigh transaction

- ❑ Allow Operator to input manual weights (indicated on Ticket)
- ❑ Allow Operator to input a Fixed Charge amount
- ❑ Ability to enter new vehicles, containers, customers, jobs, materials, sources, and locations without exiting the Ticket Processing screen.
- ❑ The following pop-Up reference Lists in Ticket Processing Screen must be available with Mouse or Function Key access:
  - All Vehicles currently stored in the system
  - All Vehicles currently in the facility, loading or unloading
  - All containers currently stored in the system
  - All customers currently stored in the system
  - All materials currently stored in the system
  - All jobs/contracts currently stored in the system
  - All sources currently stored in the system
  - All locations currently stored in the system
- ❑ Must prompt operator for amount of cash to collect and have optional functionality to activate cash drawer on cash transactions (Cash Drawer is optional)
- ❑ Provide at least five (5) price levels for each material defined in the system
- ❑ Calculate price based upon at least the following units:
  - LBS
  - TONS
  - TONNES
  - KG
  - CUBIC YARDS
  - LOAD
  - COUNT
  - GALLONS
  - PER TRIP ACROSS SCALE
  - USER DEFINED UNITS - Barrels, Containers, Bushels, Etc.
- ❑ Ability to input a manual note and provide a database of standard notes for the ticket
- ❑ Allow a vehicle to haul for several different customers
- ❑ Allow a vehicle to be fixed to one customer only
- ❑ Provide for quick reprint of last ticket processed
- ❑ Provide for reprint of a selected previous ticket number

- ❑ Provide completed ticket editing capability for authorized operators
- ❑ Provide in-program utilities for data backup and restore
- ❑ Provide security password system
- ❑ System supervisor must be able to set password restrictions on system screens and functions
- ❑ Must track job totals for hazardous waste or contracts to control maximum of material brought to the facility.
- ❑ Must include alarms to alert operator of Contract limits and start/stop dates.
- ❑ Ability to print accumulated daily job totals on the ticket.
- ❑ Must provide option to electronically support up to four truck scales per workstation.
- ❑ Using the Multi-Scale option with two scales, operator must be able to select scale number at ticket time or pre-designated a scale as Inbound or Outbound.
- ❑ Must optionally provide ability to record ticket data to accompanying security system surveillance tapes.
- ❑ Ability to change operators without exiting the system.
- ❑ Must optionally provide ability to perform Multi-Site reporting from a central office. Data can be collected from multiple out-lying sites and then reports can be generated for each.
- ❑ Must have comprehensive audit trails - Any time a ticket is edited , a copy of the original and modified ticket should be recorded to disk with a record of the Operator ID, Time and Date. All deleted tickets should be recorded to disk with the Operator ID, Time and Date. As a system function is accessed, a log entry should be recorded with the Operator ID, Time and Date (i.e. Invoices Generated by ALS - 10:30:02, 10/10/1999).
- ❑ Provide optional ability to e-mail completed Tickets to a remote office as they generated.
- ❑ Completed Tickets archived into date-coded files.
- ❑ Printed Ticket Layout is on-site configurable.
- ❑ Allows for ticketing and reporting to occur simultaneously when using the network option.
- ❑ Produce ready to mail invoices for all types of transactions.
- ❑ Allow invoicing over any desired time period - Daily, Weekly, Monthly, etc.
- ❑ Produce invoice export files to popular accounting systems such as Business Works, Acc-Pak, and Maxwell. Comma-Delimited and Fixed-record length files should also be available for custom use.
- ❑ Provide Report and Graph Wizards - The Wizard feature should step the novice operator

through a series of questions to ultimately generate the desired report or graph.

- ❑ Provide an Adhoc-Query System to allow an operator to generate custom reports based on "What If" type questions. The operator can select the exact transactions that fit a particular pattern. For example, suppose the operator wants to know how many transactions company ABC had between 01/01/98 and 03/31/99, bringing in Demolition material before 11:00 AM with a total price that is greater than \$200.00. The Adhoc-Query System allows just such a task to be performed.

- ❑ Provide standard reports with information on various aspects the system.

- ❑ Standard reports are selectable to report on valid, voided, or edited tickets.

- ❑ Standard report output is selectable among the following options:

- Screen
- Printer
- Export
- Word
- Excel
- Comma-Separated Values
- Tab-Separated Values
- Character-Separated Values
- Record Style
- Rich Text
- Text
- HTML
- Data Interchange format
- Dbase
- Paradox
- Access
- ODBC

- ❑ Exported Standard Reports should have a destination option of E-Mail or Disk.

- ❑ Standard reports should be selectable by date range and in the following formats:

- Customer Information Listing
- Vehicle Information Listing
- Material Information Listing
- Job/Contract Information Listing
- Source Information Listing
- Location Information Listing
- Container Information Listing
- In-Yard Vehicles Listing
- Transaction Listing
- Cash Transactions
- Charge Transactions
- Transactions Sorted and Subtotaled by Customer - detailed and summary
- Transactions Sorted and Subtotaled by Vehicle - detailed and summary
- Transactions Sorted and Subtotaled by Material - detailed and summary
- Transactions Sorted and Subtotaled by Job/Contract - detailed and summary

Transactions Sorted and Subtotaled by Container - detailed and summary  
Transactions Sorted and Subtotaled by Source - detailed and summary  
Transactions Sorted and Subtotaled by Location - detailed and summary  
Transactions Sorted and Subtotaled by Operator - detailed and summary  
Transactions Sorted and Subtotaled by Units - detailed and summary  
Random Inspection Report

- ❑ Multiple reports selectable for printing at the same time.
  - ❑ Optionally provide for Unattended operation of the system.
  - ❑ The unattended operation allows a driver to scan a ID card into a remote panel and retrieve all default data such as Customer, Contract, Job, etc. Upon acceptance the Remote unit must print an inbound pass or completed ticket.
  - ❑ Unattended and attended operation must be able to occur concurrently.
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