

Minimum Software Capabilities Per Section 3.13

The software features shall include the following minimum capabilities:

1. Operating:
 - a. Microsoft Windows 7 Professional (or greater) compatible, 32 bit compliant.
 - b. Utilize Oracle 9 (or greater), Microsoft XQL Server 2003 (or later) or Microsoft Access 2003 (or later) as its' relational database.
 - c. Fully network enabled, allowing concurrent access to the same database for all connected PC workstations.
 - d. Have multiple password-protected operator classes to allow for effective segregation of duties of system users.
 - e. Have appropriate data entry controls to ensure that appropriate data is entered into each field (e.g., look-up tables, logical controls, etc.)
 - f. Capable of integrating and interfacing to up to four scales.
 - g. Capable of controlling peripheral equipment such as gates, lights, and bar code or radio frequency readers.
 - h. Interface and integrate with cash drawer(s) that will be connected to each PC workstation in the scale house.
 - i. Include on-line help.
 - j. Capable of tracking loads by multiple waste and payment types.
 - k. Capable of maintaining and accessing customer lists by customer or vehicle number or route number.
 - l. Capable of adding new customers, vehicles, and materials in real-time.
 - m. Allows a vehicle to haul for single or multiple customers.
 - n. Capable of handling cash transactions, with appropriate cash controls.
 - o. Calculates invoice based on user-defined units (pounds, tons, kilograms, cubic yards, load, count, gallons, barrels, containers, bushels, etc.)

2. Ticketing
 - a. Capable of initiating transactions based on vehicle number, route number, license number.
 - b. Able to apply both table driven and variable (override) price formulation and multiple taxes to loads.
 - c. Capable of performing automatic yardage to tonnage conversion when scale is inoperable.
 - d. Numerically controlled receipt for each customer showing gross, tare, and net weight and total disposal charge.

 - e. Capable of producing detailed ticket within seconds of scale stabilization.
 - f. Capable of adding notes to tickets.

- g. Provides user selected special tickets including random inspection, no weigh, manual weights, and fixed charges.
 - h. Allows ticket editing for authorized operators.
- 3. Reporting
 - a. Include flexible report writer software (Crystal Reports is desirable) that allows user customization of reports and scale tickets.
 - b. Provide for cash drawer balancing, reporting, and reconciliation.
 - c. Use Microsoft 2003 for standard word processing and Microsoft Excel 2003 for standard spreadsheet processing.
 - d. Standard reports include:
 - 1) Customer Information Listing
 - 2) Vehicle Information Listing
 - 3) Material Information Listing
 - 4) Job Information Listing
 - 5) Transaction Listing by Date Range
 - 6) Cash Transactions by Date Range
 - 7) Charge Transactions by Date Range
 - 8) Transactions Sorted and Subtotaled by Customer, by Date Range (detailed and summary)
 - 9) Transactions Sorted and Subtotaled by Vehicle, by Date Range (detailed and summary)
 - 10) Transactions Sorted and Subtotaled by Material, by Date Range (detailed and summary)
 - 11) Transactions Sorted and Subtotaled by City, by Date Range (detailed and summary)
 - 12) Random Inspection Report, by Date Range
 - 13) Traffic Report - Number of Vehicles in and out, Ability to sort by hour.
- 4. Invoicing
 - a. Create ready-to-mail invoices for all transaction types.
 - b. Operator selection of desired time period.
 - c. Reprints single invoice or any selected range of invoices.
 - d. Provide a fixed length daily output file for interface with other computers or software packages (e.g. Microsoft Access 2003, Microsoft Excel 2003, Oracle, DIF, etc.)