

# WEIGH-TRONIX

## PDOX Truck Scale Data Management System



### Introducing the **New** PDOX Truck Scale Data Management System for Windows!

The new PDOX System makes use of the Windows Operating System to provide the fastest, easiest to use, and most comprehensive truck scale data management system available on the market today.

Weigh-Tronix has completely re-written the PDOX Data Management System to be fully compatible with all current Microsoft Windows® Operating Systems, including Windows 95, Windows 98, Windows NT 3.51, Windows NT 4.0 and Windows 2000. The PDOX System is also fully **Y2K** compliant.

Loaded with features, the PDOX System provides truck scale users with all of the tools needed to quickly process truck weighing, process inbound/outbound truck transactions, capture essential transaction information and provide powerful reporting capabilities. While powerful, the PDOX System is designed for maximum ease of use, with intuitive screens and short-cut keys to speed up all operations and to reduce operator training time.

Versions of the PDOX Data Management System are available for single user sites, network sites and unattended operation, allowing users to select the system best suited for local operational requirements.

The new PDOX Truck Scale Data Management System is perfectly suited for a wide variety of truck scale applications including landfills, recycling, stone and aggregate, asphalt, agricultural, lumber, chemical, food and general industrial applications. And, the system will work with any truck scale brand or model in the field!

# PDOX DATA MANAGEMENT SYSTEM

The PDOX system is a 32 bit computer-based software data management system designed to produce scale weight tickets, management reports and customer invoices from data collected during the weighing of inbound and outbound vehicles.

## Top 10 Software Features

- 1 Rapid Ticket Processing
- 2 Easy to Use Report and Graph Wizards
- 3 Ad-Hoc Query and Reporting
- 4 Informative Standard Reports and Graphs
- 5 Job Tracking and Accumulation
- 6 Accounting Interfaces
- 7 Unattended Operation
- 8 Detailed Audit and Security Features
- 9 Networkable
- 10 Works with up to 4 Scales

### Rapid Ticket Processing

- Produces a detailed vehicle ticket in seconds for inbound or outbound vehicles
- Allows storage of vehicle tare weights for use in one-weigh ticketing
- Default Customer, Material, Contract, Source and Location linked to entry of Vehicle ID
- Easy to use drop-down lists of databases

### Easy To Use Report and Graph Wizards

- Wizards step the novice user through a series of questions to generate a report or Graph

### Ad-Hoc Query and Reporting

- Ad-Hoc query system allows an operator to generate custom reports based on "What If" type questions
- Uses Structured Query Language (SQL)
- Complex queries can be saved for future use
- Results of Ad-Hoc query can be exported to many popular file formats (Dbase, EXCEL, Lotus 1.2.3., Access....)

### Informative Standard Reports and Graphs

- A wide variety of standard reports and Graphs selectable by date-range and different sort orders
- Reports can be sorted and sub-totaled by Vehicle, Customer, Material, Operator, Job, Source or Location
- Reports can be viewed on-screen or sent directly to a printer or an export file
- Bar, Pie, or Line graphs printed or displayed of data sorted by date, material, source, location or transaction
- User can select single or multiple standard reports to be printed at one session

### Job Tracking and Accumulation

- Jobs totals can be tracked from start to finish
- Allows for special Job pricing
- Jobs can be system-wide or customer specific
- Prints a daily or running Job total on customers ticket
- Allows for operator warning when job is nearing completion

### Accounting Interfaces

- Generates ready-to-mail invoices for all types of transactions
- Allows operator to select invoice period such as Daily, Weekly, or Monthly
- Creates invoice export files to popular accounting packages such as Business Works, Maxwell and ACC-PAK
- Creates invoice export files in Comma-delimited and Fixed-Record Length for use in Custom Accounting Systems

### Unattended Operation

- Allows for Unattended and Attended operation to occur concurrently
- Allows Vehicle ID to be input into unattended station via keyboard, scanner or RFID badge
- Allows for hands-free operation With RFID interface
- Controls Red/Green Traffic Light

### Detailed Audit and Security Features

- Five level user password system
- Allows Management to determine user access rights to system functions
- Tracks and records all user actions in system log files
- Stores a copy of ticket before and after modifications

# WEIGH-TRONIX

The Data Management System must meet the following minimum specifications:

- 32 bit Windows 95/98 or NT compatible
- Network Compatible
- Fully Mouse 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.
- Ready to weigh trucks upon installation
- 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 Operator to enforce 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 should be archived into date-coded files on a regular basis.
- Printed Ticket Layout should be on-site configurable.

- Should Allow 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 complete information on all aspects the system.
- Standard reports should be selectable to report on valid or voided tickets.
- Standard report output should be selectable among the following options:

Screen

Printer

Export

Word

Excel

Lotus 1-2-3

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 should be selectable for a “batch” print run.
- Optionally provide for Unattended operation of the system.
- The unattended operation must allow 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.