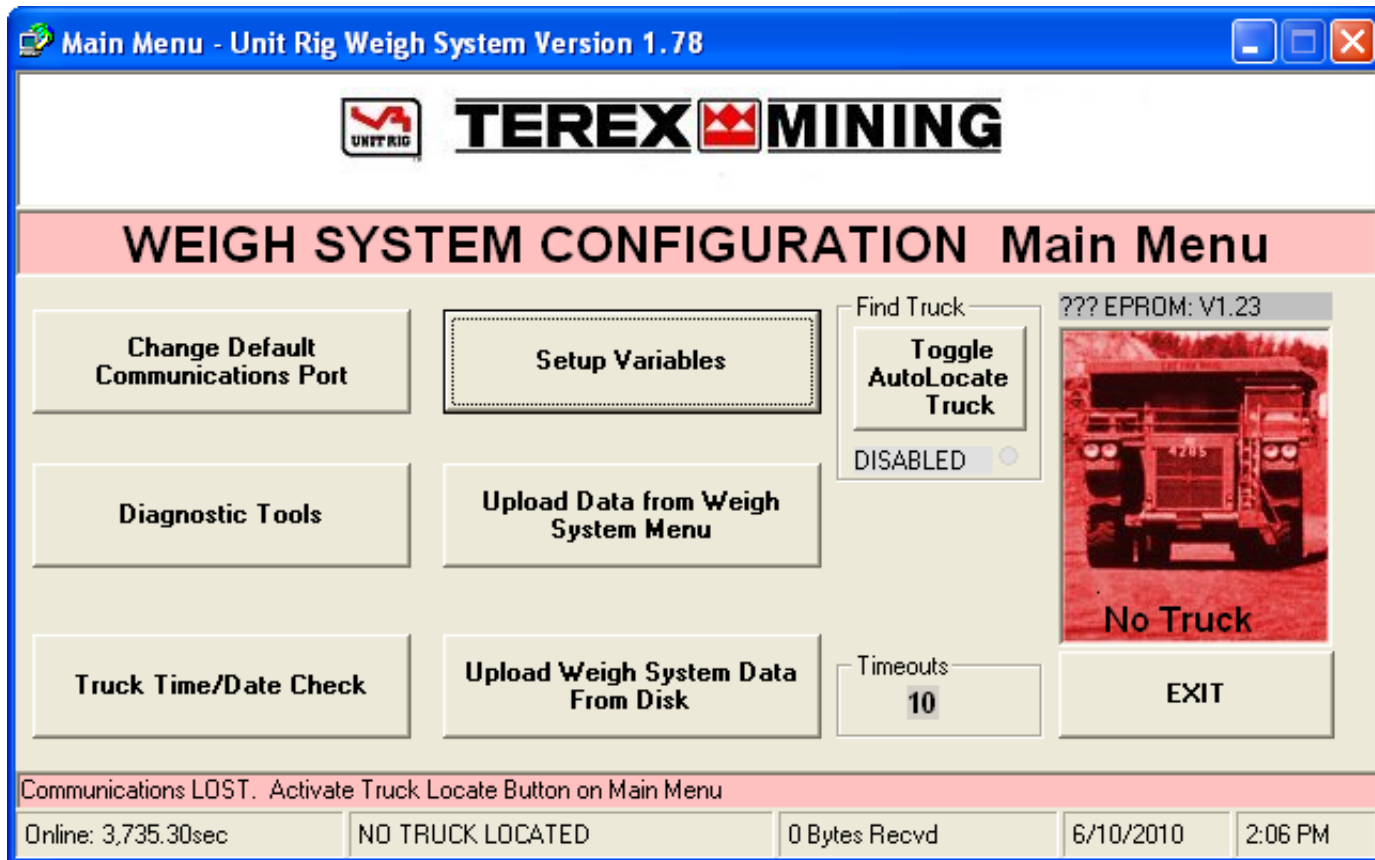


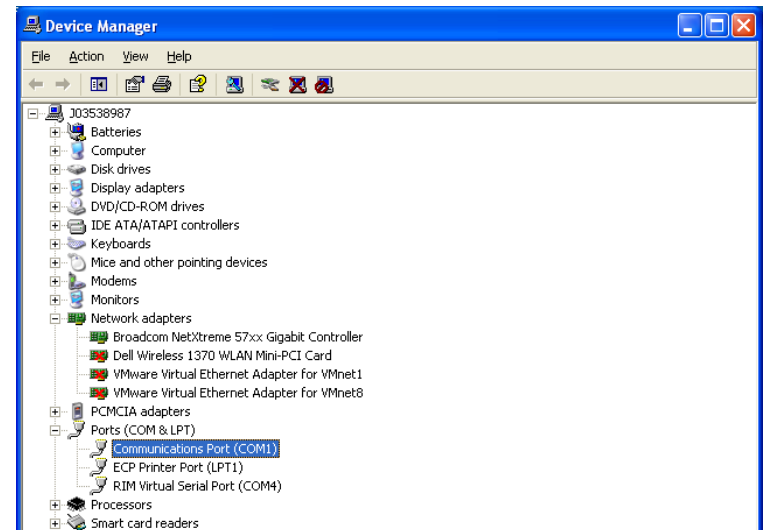
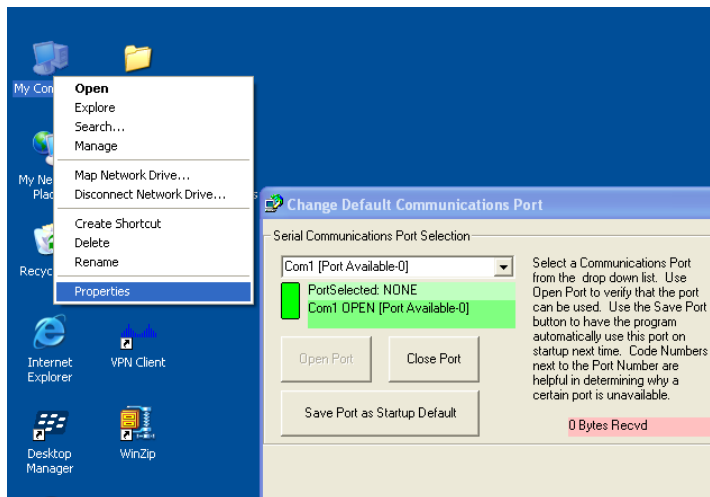
# Terex Weigh System Software

- Main Menu
  - Notice the “Setup Variables” and “Diagnostic Tools” Tab



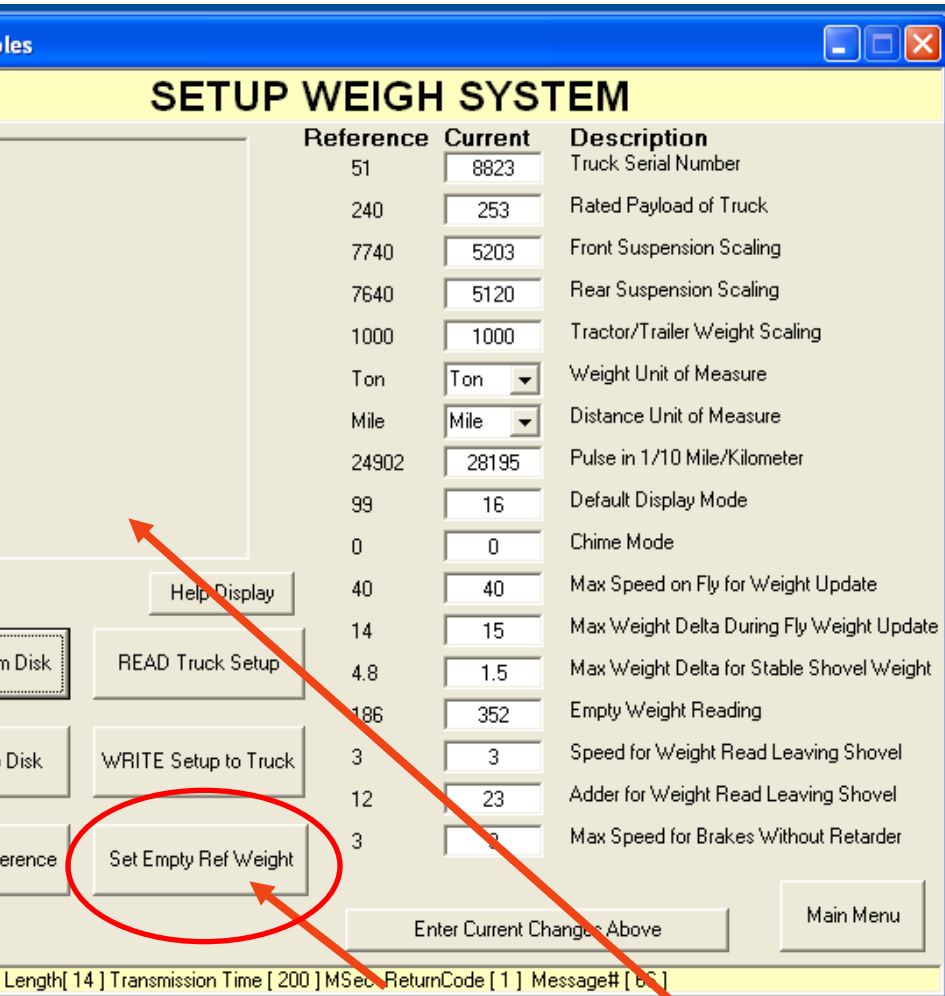
# Getting Connected

- Click default communications port
- Set to port as indicated in properties of computer
- From “right click” on “My Computer” to properties to “Device Manager”
- Choose “Ports” and observe and choose the one in the weigh system program labeled “communications port”



# Set-up Variables Button from Main Menu

- Typical setup for a truck
  - Note that the empty reference weight will not be the same for all trucks

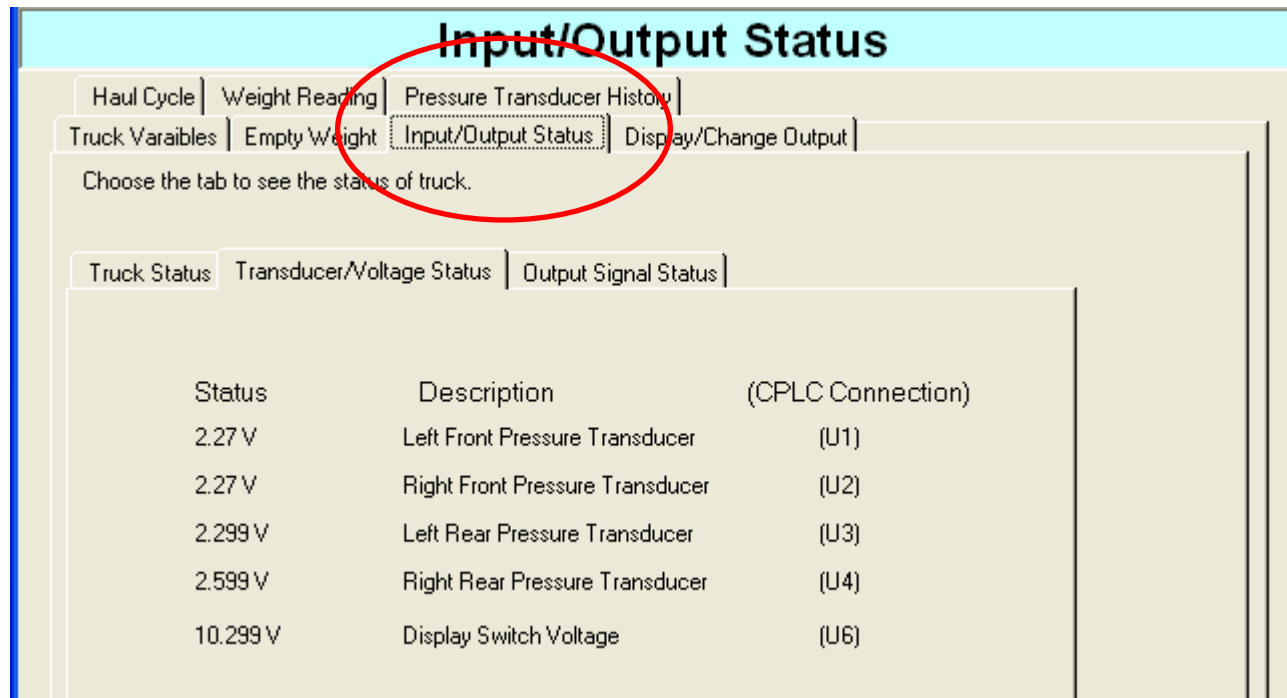


Truck Serial #	88##
Rated Payload	219
Front Suspension Scaling	5272
Rear Suspension Scaling	3925
Tractor Trailer Weight Scaling	1000
Weight Unit of Measure	TON
Distance Unit of Measure	MILE
Pulse in 1/10 mile	28195
Default Display Mode	16
Chime Mode	0
Max Speed on Fly for Weight Update	40
Max Weight Delta During Fly Weight Update	15
Max Weight Delta for Stable Shovel Weight	1.5
Empty Weight Reading	
Weight Delta fro Stable Shovel Weight	1.5
Empty Weigh Reading	
Speed for Weight Leaving Shovel	3
Adder for Weight Leaving Shovel	-
Max Speed for Brakes without Retarder	3

Click here, then select ok with truck brakes off, and record in spreadsheet

# Diagnostic Tools

- From Main Menu, choose diagnostic tools
- Tabs of importance include:
  - Input/Output Status
    - Allows viewing of struts
    - Troubleshooting of transducers



**Input/Output Status**

Haul Cycle | Weight Reading | Pressure Transducer History |  
Truck Variables | Empty Weight | **Input/Output Status** | Display/Change Output |

Choose the tab to see the status of truck.

Truck Status | Transducer/Voltage Status | Output Signal Status |

Status	Description	(CPLC Connection)
2.27 V	Left Front Pressure Transducer	(U1)
2.27 V	Right Front Pressure Transducer	(U2)
2.299 V	Left Rear Pressure Transducer	(U3)
2.599 V	Right Rear Pressure Transducer	(U4)
10.299 V	Display Switch Voltage	(U6)

# Diagnostic Tools

- Weight Reading
  - Weight data gives a series of non-Empty Reference Weight adjusted payload readings from a 1 second interval

The screenshot shows a software interface titled "Weight Reading". At the top, there are several tabs: "Truck Variables", "Empty Weight", "Input/Output Status", "Display/Change Output", "Haul Cycle", "Weight Reading" (which is selected), and "Pressure Transducer History". Below the tabs, there are two radio buttons: "Weight Data" (selected) and "Fly Weight Data". To the right of these are two labels: "Rated Payload: 205" and "Number of FlyWeights:" (with a blank space). Below the radio buttons are two labels: "Empty Reference Weight: 82" and another blank space. A large white rectangular area is present, with the text "Weight Data Values Unknown 0" above it. Below this area is a table with the following data:

	Low	High	Average	Delta	Status
Last 10:	0	0	0	0	Code[0] OK
Last 20:	0	0	0	0	Code[0] OK

At the bottom right of the interface, there are two buttons: "Update Readings" and "Main Menu".

# Diagnostic Tools

- Weight Reading
  - Fly Weight Data gives Empty Reference Weight adjusted payload measures for a 1 second interval while truck is under conditions for fly-weight readings

The screenshot shows a software interface titled "Weight Reading". It features a navigation bar with tabs: "Truck Variables", "Empty Weight", "Input/Output Status", "Display/Change Output", "Haul Cycle", "Weight Reading", and "Pressure Transducer History". The "Weight Reading" tab is active. Below the navigation bar, there are two radio buttons: "Weight Data" (unselected) and "Fly Weight Data" (selected). To the right of these buttons, the "Rated Payload" is 253 and the "Number of FlyWgts" is 12. Below the radio buttons, the "Empty Reference Weight" is 360. A section titled "Fly Weight Readings" shows a "Useable Weight Reading Count = 12". A table displays 12 individual weight readings in two columns. Below the table, a summary row shows "Low: 230", "High: 241", "Average: 233", and "Delta: 11".

Low	High	Average	Delta
230	241	233	11

# Diagnostic Tools

## – Haul Cycle

- Allows referencing the weight Leaving Shovel, and total bucket weights

The screenshot shows a software interface titled "Haul Cycle" with a light blue header. Below the header are several menu tabs: "Truck Variables", "Empty Weight", "Input/Output Status", "Display/Change Output", "Haul Cycle", "Weight Reading", and "Pressure Transducer History". The "Haul Cycle" tab is selected. The main content area is divided into several sections:

- For Haul Number:** NONE
- Current Truck Time:** 00:00:00
- Load:** Start Date: 1/01/1900, Shovel Number: 0, Time: 0:00:00, Seconds to Load: 0
- Payload:** Under Shovel: 0, Leaving Shovel: 0, Fly Weight: 0
- Haul:** Seconds Stopped: 0, Distance Hauled: 0, Seconds Moving: 0
- Empty:** Seconds stopped: 0, Distance Empty: 0, Seconds Moving: 0
- Dump:** Dump Number: 0, Seconds Dumping: 0
- Buttons:** Previous Haul (highlighted with a dotted border), Next Haul, Shovel Data, Current Haul
- Total Haul Count:** (text label)
- Main Menu:** (button at the bottom right)