Turn Key Weighbridge Automation Systems

A typical program for weighbridge automation is as following:

- Database server
- Automatic weighing management

Operator weighing software

Weighing data is controlled / monitored by a PC in the Weighbridge Control Room running Weighbridge Software.

All transaction data is handled/ stored in the PC.

WIS is a comprehensive and user friendly software package, developed by Leon Engineering for weighing and vehicle flow control in weighbridge applications.

Due to its simple design and flexibility it will suit nearly any requirement to provide instantly accessible information on any load that passes over your scale, whether receiving raw materials, dispatching finished products or operating commercial weighing stations.

WIS is a standard kernel for Windows platforms, suitable for applications such as:

- Quarries

- Landfills

- Recycling

- Mining

- Waste transfer stations

- Manufacturing

- Transportation

The monitor displays the mimic diagram of the scale, operation details and the incomplete weighing.

The monitor screen, (refreshed at minimum 2 times/ sec), the keyboard and the mouse may be used to fully control the operation of the scales.

The software is constructed, according to modern industry standards, in such a way that it is user friendly and can be used by operators with basic knowledge of computers.

Data integrity is guaranteed against misuse by the operator or erratic functioning of the computer, while reliability is high through redundant functions.

The software is capable of producing ticketing, mini report, daily / weekly / monthly / yearly tonnages received at the facility and individual waste streams.

Reports may be generated in Excel and/ or Acrobat pdf; any filter may be applied such as time interval, product, customer, truck, etc.

Transaction data is available for review immediately after the transaction is completed by the driver.

The software may be setup for:

• Separate Ticket For First and Second Weighing

• Separate Ticket For each Weighing Procedure

• Separate Ticket For each Weighing Terminal

• Ticket Printed on Network PC or Weighing Indicator

• Entry – Exit From any Weighing scale (in case of scale fault)

Tickets may be standard or customer formatted.

It offers Advanced vehicle management:

• Vehicle Legal Gross Check

• Vehicle Nominal Tare Check

• Trucks may be grouped for Easy Management

• Different Truck types

Standard databases and report generators are connectable and the core may be extended to cover future needs.

It offers a three level security system:

(1) : Operator

(2) : Supervisor

(3) : Manager

Each user has a password and a code. For each password the access level is defined by the manager. The access level defines which part of the system is accessible.

For system file traceability every access is stored in a change file which logs:

- Every Entry and Exit of the system
- Any system parameters changed
- Any system files changed.

Software is compatible with automatic truck identification system via RFID readers installed on the External Terminals and in weighbridge control room.

Also features GATE BARRIER MODULE: System operates entry / exit gate barriers for access or traffic control.