



ENDEAVOUR
AFRICA GROUP

WEIGHMASTER

WEIGHING MANAGEMENT SOFTWARE



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BUSINESS SOLUTION

KENYA • UGANDA • TANZANIA • NIGERIA

Weighmaster is a weighing and computing system with extensive data extraction, collection and process functions. This solution is designed to help you manage and track critical information created at the time of weighing and label products in an easy and flexible manner.

- It is the ideal answer for a new weigh bridge system or if you want to expand your existing operation costs and improve operating efficiencies. Offers excellent value for money.
- As a ‘universal package’, it’s cost-effective yet configurable to your business needs.
- It is also designed to grow with your business-meeting your future needs.

WEIGHBRIDGE APPLICATION

- Suitable for Single or Multiple weigh bridges
- Suitable for industries such as weigh stations, bulk grain operations, mining operations where weigh master can take two separate measurements to calculate the net weight.
- Weigh master is designed in a manner that it reads data from the indicator eliminating tampering of data.

INDUSTRIAL APPLICATION

- Integrates with small scale in production
- Ideal for manufacturing, packaging and export industry
- Works on incremental weights and totalling of weight against job code



Comparison between Weigh-master and other similar product

Details on Features	STD Solution in Market	Weigh Master
Open integration with any indicator	x	✓
Smart capturing of weight and normal information	✓	✓
Standard Report/Analytics	✓	✓
User defined fields(where users can create own fields)	x	✓
Report writer and Auto mailer	x	✓
Synchronization for multiple weighbridge(offline synchronization)	x	✓
CCTV integration for capturing pictures	Possible	✓
Auto email of reports, Audit trail	x	✓
Variance control & Material Management	x	✓
Tare weight control and vehicle management	x	✓
Auxilliary display from weighbridge software	Possible	✓
Point of sale integration for retail	Possible	✓
Customized ticket printing	x	✓
in-depth control on users on weighridge	x	✓
Multiple weighbridge on same network	Possible	✓
Integration with traffic light(barrier) /photocells	x	✓
Integration with number plate cameras	x	✓
Process control (like liking with GRN, Dispatch, Loading, Pre Loading and Off Loading)	x	✓
Axle Weighing	Possible	✓

MULTIPLE MODEL INDICATORS

Weigh master can work with any indicator provided they have RS232 output mode. System can be defined to control output and get required characters into software

UDF (USER DEFINED FIELDS)

Weigh master has unique feature where client can create fields based on requirement of data to be captured during weighing entry. Fields like customer, supplier, GRN etc can be defined. Also complex formulas, type of field, mandatory or not can be defined.

USER CONTROL

Main concern on weighbridge is to control and enhance workflow on weighbridge user. Lot of data they cannot edit and requires approval.

This complete flow is defined in system like

- Control on number of print
- Control on over/below weight
- Print on duplicate
- 3 Level security architect

VEHICLE TONNAGE CONTROL

- Each vehicle can have standard tare weight stored
- When there is variance more than allowed % system will stop user at weighbridge.

THEORETICAL WEIGHT

- System can be defined with theoretical weight of package to control theoretical weight v/s actual weight control.
- When there is variance more than allowed % system will stop user.
- e.g. 1000 bags of 90kg each should be 9,000 kg. Variance allowed is 2%. If weight is more than 9018 or less than 8988 system will hold use.

SMART DATA ENTRY

Flexibility and customizability options make weigh master unique in a way that each and every field on entry screens can be parameterized on user preference. Users cannot only define the fields required but also specify width, type mandatory/ optional etc.

- Easy entry for first weight/ second weight
- Fixed fields and variable fields
- Easy flow and user control
- Turn around time tracking

CUSTOMISED SLIP ENTRY

Slip printing is very critical. Each and every company has their own format. Our system gives users strength to user so they can design format the way they require. Client can put logo, define format, fonts and fixed and variable data. User can print

- Deliver note
- Weighbridge slip
- Confirmation slip

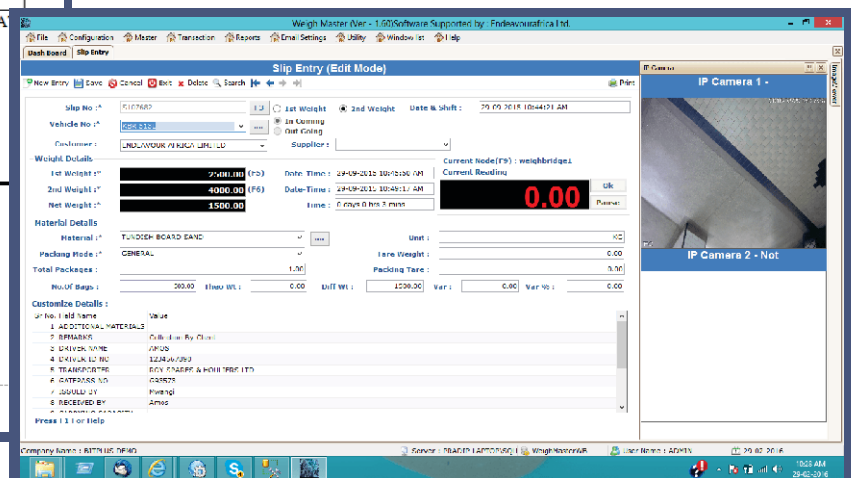
SYNCHRONIZATION

Weighbridge is very critical operation. Many times they are far from each other or central server. So multiple weigh bridges can be synchronized into central database with disconnected data architecture.

REPORT AUTO SCHEDULER

Weigh master has report scheduler where reports can be automatically sent to users email ID depending on level, type of report and time of report defined.

BITPLUS DEMO			
Goods Delivery Note		DUPLICATE	
Date:	29-09-2015	Ticket No:	S107682
Vehicle Reg. No:	KBR 513L	Delivery No:	DN009
Client:	ENDEAVOUR AFRICA LIMITED	Order No:	
Transporter:	SPECTRA TRANSPORTERS LTD	Invoice No:	
Destination:	NAIROBI	Driver Name:	AMOS
Product:	TUNDISH BOARD SAND	Driver ID:	1234567890
First Weight:	2500.000	29-09-2015 10:45:50 AM	ADMIN
Second Weight:	4000.000	29-09-2015 10:49:17 AM	ADMIN
Nett Weight:	1500.000	0 days 0 hrs 3 mins	
Authorized By:	Operator Sign:	Driver Sign:	



CCTV INTEGRATION

- weigh master supports IP camera integration for accurate control
- Unlimited cameras per weighbridge can be connected
- Generally maximum of 4 are done (front, back, top and inside weighbridge cabin)
- This images can be retrieved and easily searched verify issues on transaction.

ALIGNMENT CONTROL (PHOTOCELL&BARRIER)

- 6 photo cells will be connected to weighbridge with control panel. This will be connected to system
- 2 photo cells in centre, 2 photo cells front edge, 2 photo cells back edge
- 2 barriers on each side can be installed
- Barriers will be linked to weighbridge software or RFID cards

SPECIAL FEATURES

- ERP Integration
- Audit trail
- Loading and Offloading:- where GRN and sales data can come from RP or entered and process can be tracked
- Tracking complete flow with serial number or bar code slip.
- Vehicle inspection module

CCTV INTEGRATION (No. PLATE DISPLAY)

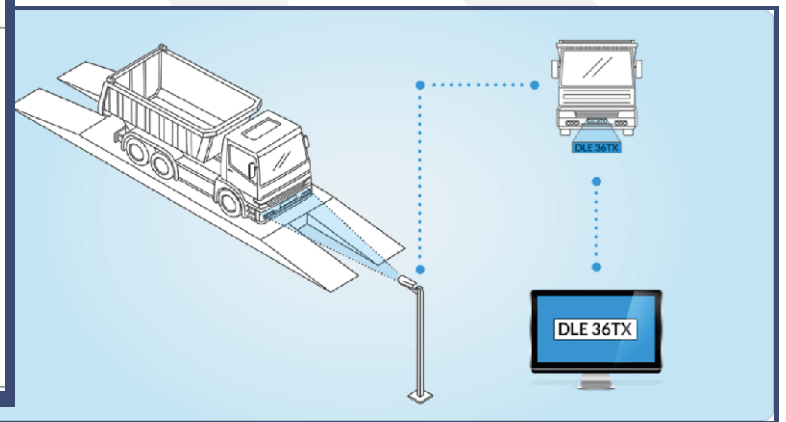
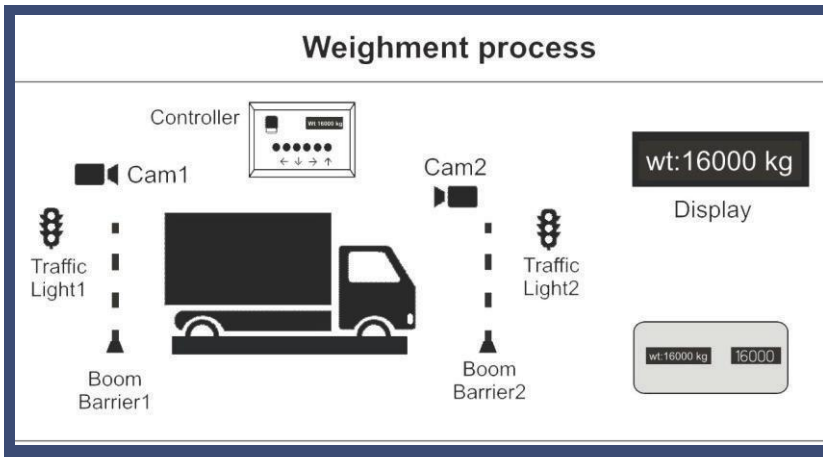
- 2 number plate cameras will be installed on each side of weigh bridge which will automatically read number plate.
- User at weigh bridge doesn't have to enter truck number, based on reading and database on truck it will pick automatically.

VEHICLE IDENTIFICATION (RFID)

- Each vehicle will have active transponder which is allocated to vehicle number
- On weigh bridge both side there will be receiver so when truck comes it automatically identifies the vehicle.
- This is integrated to vehicle database

REPORTS AND REPORT DESIGNER

- All reports can be exported to excel and PDF.
- Weigh master has many reports already predefined in system.
- All from condition can be selected including data range, selection data.
- Report designer gives all kind of output as required. Complete drag and drop designer where users can select column format.



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