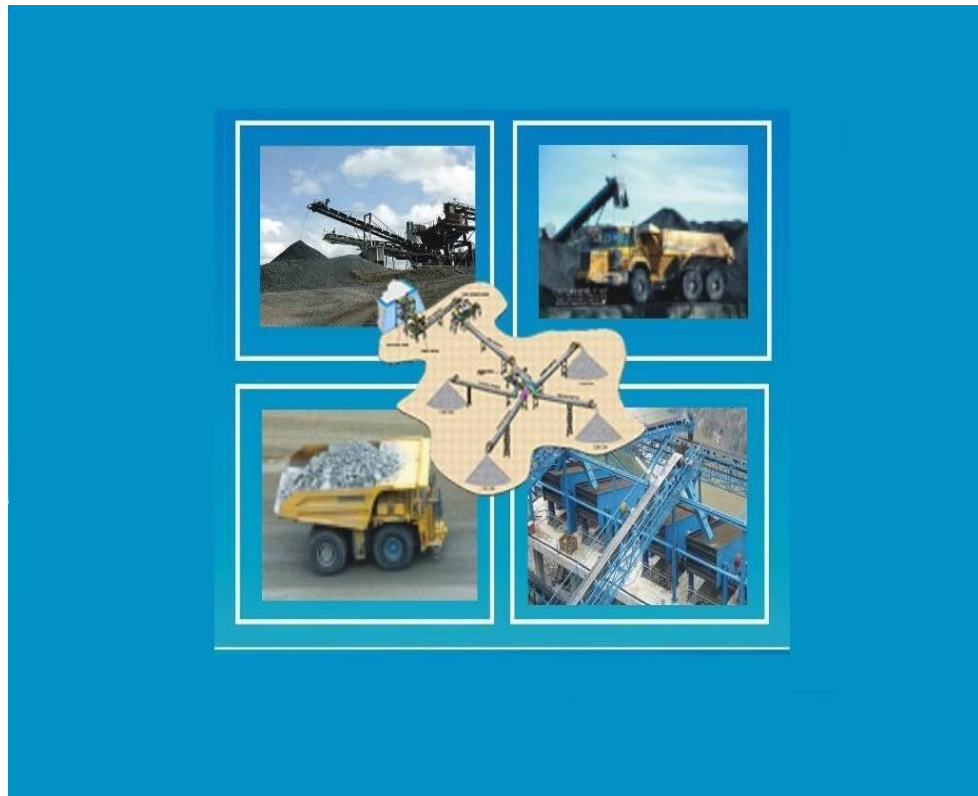


# Crusher Management System

(Version 2.0)



Software Developed By



## CMS Modules

1. Admin Module
2. Weigh Bridge
3. Production
4. Store
5. Reports

### Brief:

This application is mainly for Crusher Management System, for managing their day to day activity along with weighing bridge details. Application collects the information about transportation transaction of material supplied to the customer and supplier respective. Application is also managing their day to day material stock detail in the production and handles the purchase & sale information in to store. Some other utility are provided in to this application and at the last all type of reports are present in report.

### 1. Admin Module

This Module Contain:

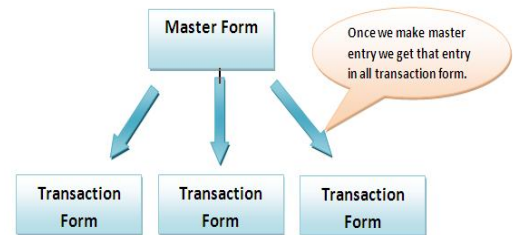
#### Master Module:

- Mines
- Material
- Customers
- Transporter
- Locations
- Loaders
- Shifts
- Vehicle Master
- Comm. Port Setting
- Tax Master
- Royalty Books
- Royalty Close



## Administration:

- Material Rate
- Modification Transaction – Sale, Purchase
- Sale/ Logistic Invoice
- Account Details
- Data Correction utility



The above diagram shows that all entry in master form is one time entry, means we get all master form entry in all other transaction form. The real benefit of this master form comes in picture when client place hundreds of purchase order with same product name, imagine how typical it is.....

In our scenario we provide a facility due to which once client make product entry in master form then in all other transactions he will able to choose product name or location name from combo box.

Approved	D M No	Slip No	Acct Type	Date	Party Name	Vehicle No	Transporter	Transporter1	Transporter2	Royalt
<input checked="" type="checkbox"/>	1	A16404	S	04/04/2011	20 LOCAL	CG04DA5436	AARTI ROAD...	0.00	0.00	3414
<input type="checkbox"/>	039	A16423	S	04/04/2011	ULTRATECH ...	MH40N3879	HAREKRISHN...	0.00	0.00	2149
<input type="checkbox"/>	1878	A16433	S	05/04/2011	VIJAY NIRMAN	MH31AP6721	SELF	0.00	0.00	2149
<input type="checkbox"/>	041	A16434	S	05/04/2011	MP ASSOCIA...	MH407284	AJAYKHANDE...	0.00	0.00	2149
<input type="checkbox"/>	042	A16435	S	05/04/2011	MP ASSOCIA...	MH407284	AJAYKHANDE...	0.00	0.00	2149
<input type="checkbox"/>	044	A16454	S	05/04/2011	BANTI GUR...	MH407766	BANTI GURUM	0.00	0.00	
<input type="checkbox"/>		A16459	S	05/04/2011	20 LOCAL	MH40N915	AARTI ROAD...	0.00	0.00	3414
<input type="checkbox"/>	048	A16460	S	06/04/2011	ULTRATECH ...	MH27X2761	RAJENDRA J...	0.00	0.00	2149
<input type="checkbox"/>	049	A16461	S	06/04/2011	ULTRATECH ...	MH40N3879	HAREKRISHN...	0.00	0.00	2149
<input type="checkbox"/>	050	A16469	S	07/04/2011	LAFFARGE	MH40N7284	AARTI ROAD...	0.00	0.00	2149
<input type="checkbox"/>	051	A16475	S	07/04/2011	VIJAY NIRMAN	MH31AP6721	SELF	0.00	0.00	2149
<input type="checkbox"/>	051	A16478	S	07/04/2011	ORISSA CON...	CG04J4766	SHREEFORW...	0.00	0.00	2149
<input type="checkbox"/>	053	A16486	S	07/04/2011	MP ASSOCIA...	MH40N5678	GAWATE	0.00	0.00	2149
<input type="checkbox"/>	056	A16502	S	07/04/2011	ULTRATECH ...	MH31CQ5660	VAIDYA	0.00	0.00	3414
<input type="checkbox"/>	056	A16503	S	07/04/2011	ULTRATECH ...	MH31CQ5645	VAIDYA	0.00	0.00	2082
<input type="checkbox"/>	057	A16536	S	08/04/2011	ANIP.YAI MIIF	MH361667	AARTI ROAD...	0.00	0.00	

This above form is much more useful for the admin site; he is checking the transaction and approved that. At before no one can make any transaction over the same transaction.

**Tax Invoice**

Name: ORISSA CONCRETE Invoice No.: 18 Invoice Date: 15/12/2011  
 Address: Nagpur Buyer's Order No.: 11111111 Order Date: 15/12/2011

From: 01/12/2011 To: 15/12/2011  In CFT  In Ton

DM No	Slip No	Date	Vehicle No	Material Name	Transporter Name	Royalty No	LR No	CFT Qty	Net Weigh
618	A24063	02/12/2011	CG04DA1672	20MM	SHREEFORWARDING	0408442	5934	525.000	2:
619	A24071	02/12/2011	MH35K2692	20MM	SHREEFORWARDING	0408444	5936	600.000	2:
620	A24074	02/12/2011	CG04DB9777	20MM	SHREEFORWARDING	0408445	5937	400.000	1:
1013	A24346	06/12/2011	CG07CA2725	20MM	SHREEFORWARDING	0408555	5945	475.000	1:
1026	A24422	08/12/2011	CG08L3316	20MM	SHREEFORWARDING	0408582	5946	415.000	1:
1029	A24439	09/12/2011	CG04JC2725	20MM	SHREEFORWARDING	0408589	5947	465.000	1:
1030	A24440	09/12/2011	CG042725DA	20MM	SHREEFORWARDING	0408591	5949	450.000	1:
870	A24642	14/12/2011	CG07CA2725	20MM	SHREEFORWARDING	0408676	5955	485.000	1:

No Of Vehicles: Total Qty: 6230.000 Logistics Amount: 0.00 Sub Total: 63.00

Payment Terms: After 15 Days Tax: NA 0.00 0.00

Remarks: abhay testing about error **TOTAL VALUE OF INVOICE: 63600.00**

Buttons: New, Modify, Delete, Save, Cancel

Admin person (Head office) is approved transaction only seen this form. This form is use to verify the approved transaction as per party wise also seen the complete detail, their total transaction and Amount.

**Account Status**

Transporter Account  Party Account Transporter: AARTI ROADLINES

Voucher No	Voucher Date	Invoice No	Cheque No	Cheque Date	Debit	Credit	Remarks
12	27/10/2010				0.00	0.00	Opening Balance
184	15/12/2011	18			0.00	100.00	abhay testing about error
230	15/12/2011	39			0.00	0.00	
232	15/12/2011	39			0.00	0.00	

0.00 Dr 100.00 Cr  
Balance: 100.00Cr

Voucher Entry

Voucher No: 247 Voucher Date: 23/12/2011  
 Category: Cheque Amount:   
 Cheque No: Cheque Dt.: 23/12/2011  
 Remarks:   
**Payment Voucher**  
 Save Cancel

This form is help to see the Debit/Credit balance about the party. On the same form make the voucher Entry against the party. When click on the Voucher Entry Button then open **payment voucher** at below the same form.

## 2. Weigh Bridge – User Level

This Module Contain:

### Transaction:

- Online Transaction Entry
- Offline Transaction Entry

### Master Module:

- Material Master
- Customers Master
- Transporters Master
- Vehicle Master
- Tax Master
- Royalty Master
- Location Master

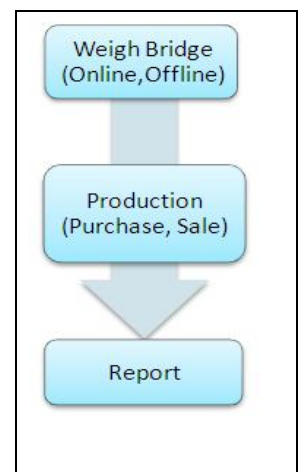


This diagram show all process briefly means in this module user can place purchase, then as usual he can make sale against that order when he receives delivery and then Sale invoice means final account entry at this moment all account get updated.

Finally all the sale related taxes are including this form. We try to reduce the addition work for interring the tax each time.

On seeing above diagram one can assume that it is one direction process but this not true. In near about all transaction form we have provided edit facility so that users can rollback their wrong entry.

When there is need to report for this purchase & sale transaction with the help of weighbridge then you seeing the report about these transactions.



Party Name: ORIENTAL M/CAMP  
Billing Address: bihirgaon  
Effective From: 09/12/2011

Sr No.	Material Name	Rate / CFT
24	(0 TO 11MM)GSB METAL	20.00
35	0 TO 12 GSB	5.00
37	0 TO 45 GSB	0.00
38	0 TO 25 GSB	0.00
45	0 TO 65 GSB	500.00
62	0 TO 65 GSB W B M	0.00
41	0TO60GSB	0.00
32	10 TO 28 GSB	4.00
44	10@20MMLOCAL	16.00
1	10MM	20.00
42	10MM PLATE	0.00

Buttons: New, Modify, Delete, Save, Cancel

We added the one more functionality with the material rate. The material rate is varying Party to party. So we add the this type of provision in this project, when making the Purchase or sale in voice at that time the prefix material rate is to be comes.

Also work with the royalty book, Application is also managing their day to day royalty Book detail from start to end of the book. This royalty book containing the unique TP No. is to be maintained and all the related information also handle.

### 3. Production :

This Module will help us to manage material details, their stock quantity, their Scheme and Production details etc.

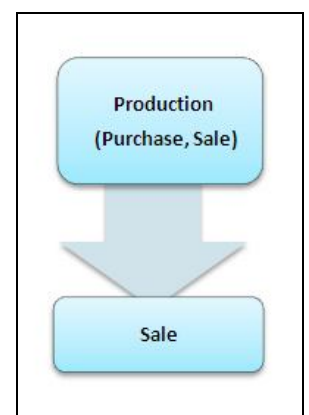
#### Transaction:

- Scheme Master
- Production Unit Entry

#### Administration:

- Material Rate
- Data Correction Utility

This diagram show flow of process briefly means in this module user can place purchase, first conform the stock available in production then as usual he can make sale against that order when he receives delivery and then Sale invoice means final account entry at



this moment all account get updated. Also number of scheme is added in the production on sale material. This is also checking the all the scheme is providing over the row material and categorized them. And that predefined scheme is applied over the material.

On seeing above diagram one can assume that it is one direction process but this not true. In near about all transaction form we have provided edit facility so that users can rollback their wrong entry. When there is need to report for this purchase & sale transaction with the help of weighbridge then you seeing the report about these transactions.

## 4. Store Management

Store Management module covers all details about the Materials and their Group, Sub Group, items, General Purchase- Material Issue, Receipt and Party Details, Customer and Supplier, taken care by this module.

### Store Module:

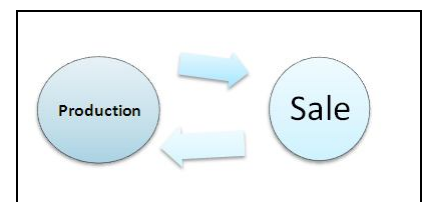
- Group Master
- Sub Group Master
- Sub Sub Group Master
- Item Master
- Unit Of Measurement
- Supplier Master
- General Purchase – Material Issue , Receipt



### Administration:

- Create User
- User Master

This diagram shows the basic flow of a production. If we carefully observe to this diagram then we will find that Coal production is done at the first level then number verity of coal (scheme) and finally coal production.



Ours developer has made production entry so easy and user friendly, so that there is no need to make extra calculation while making entry.

The following window is seeing the purchase and receives of coal production, also search the related information date wise, how much quantity is to be sale.

## 5. Reports

This Module is useful for Reporting Head, who will allot all Material to the supplier and monitor their details online and Offline Weighing Bridge.

### Transaction:

- Purchase Report
  - Mine wise
  - Material wise
  - Transporter wise
  - Loaded by
  - Vehicle no. wise
  - Date wise
- Sale Report
  - Customer wise
  - Material wise
  - Transporter wise
  - Loader by
  - Vehicle no. wise
  - Date wise
- Loader Report
- Logistics invoice
- Logistics Delivery Report
- Transporter Report
- Bin Card
- Ledger Account Report
- Logistics Ledger Account Report
- Daily Transaction

SIDHESHWAR IIPL-IGCML,SURGAON							
INCOMING MATERIAL REPORT							
Transporter Name : SELF							
Material Name : IOMM							
Sr No	Slip No	Vehicle No.	Gross Wt/Date Time	Tare Wt/Date Time	Gross Wt	Tare Wt	Net Wt
1	A36033	MH27X2761	24/09/2011 08:40:34AM	24/09/2011 08:40:34AM	32260	11040	21220
						<b>Materialwise Sub Total :</b>	<b>21220</b>
						<b>Transporterwise Sub Total :</b>	<b>21220</b>
Transporter Name : SUDAKAR							
Material Name : IOMM							
Sr No	Slip No	Vehicle No.	Gross Wt/Date Time	Tare Wt/Date Time	Gross Wt	Tare Wt	Net Wt
1	A30156	MH31CB7664	24/05/2011 10:29:35AM	24/05/2011 10:29:35AM	28890	10160	18730
						<b>Materialwise Sub Total :</b>	<b>18730</b>
						<b>Transporterwise Sub Total :</b>	<b>18730</b>
Transporter Name : HAREKRISHNA							
Material Name : IOMM							
Sr No	Slip No	Vehicle No.	Gross Wt/Date Time	Tare Wt/Date Time	Gross Wt	Tare Wt	Net Wt
1	A25866	MH31CB7664	01/04/2011 11:34:40AM	01/04/2011 11:34:40AM	34460	10160	24300
2	A25867	MH36F198	01/04/2011 11:44:29AM	01/04/2011 11:44:29AM	34780	10630	24150
3	A25868	MH31CB7664	01/04/2011 12:00:05PM	01/04/2011 12:00:05PM	34660	10160	24500
4	A25869	MH36F198	01/04/2011 12:09:54PM	01/04/2011 12:09:54PM	36870	10630	26240

### Administration:

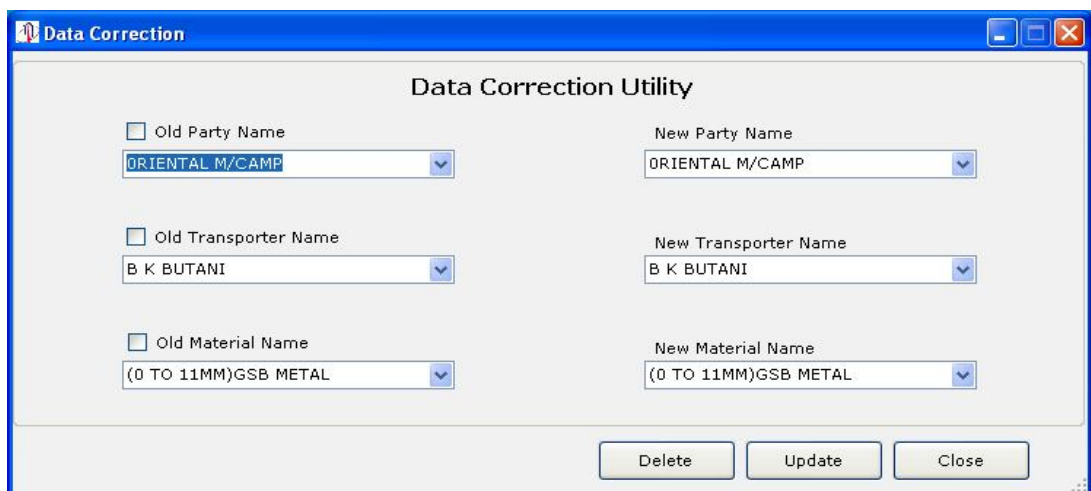
- Create User
- User Master

What we expect from our Application (software)? At the end of day, month or year we expect a well analyzed, formatted report. We want result in the form of report for each and every thing that happens in our organization, because final report shows the real fact. By considering this fact client/user can take decision on various situation/condition.



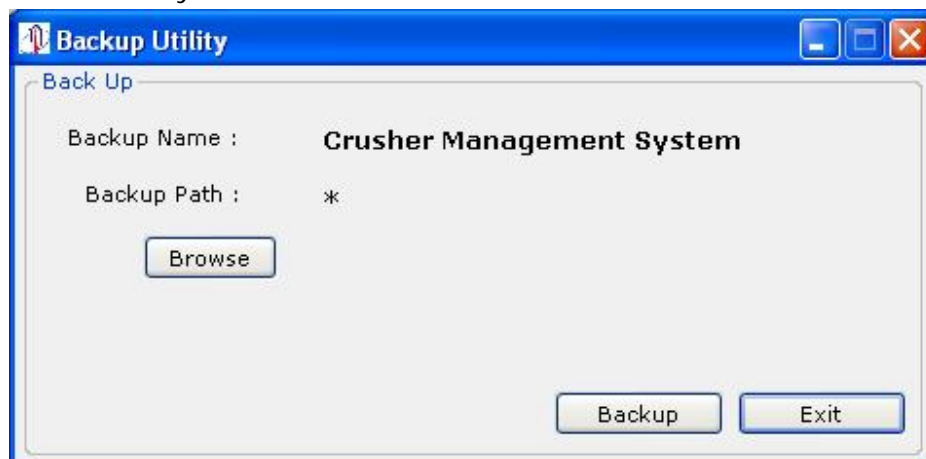
## Other Functionality:

- Upload Functionality is present in this project – You are uploading the data with this utility.
- Data Correction Utility – This utility is much more useful to the user, because when the data is transfer from one place (site) to another Place (Head office). They remove the data related problem with help this utility. Delete the unused old party by checking the check box of old party name



The screenshot shows a window titled "Data Correction Utility". It contains three rows of input fields, each with a checkbox on the left and a dropdown menu on the right. The first row is for "Old Party Name" (checkbox) and "New Party Name" (dropdown), with "ORIENTAL M/CAMP" selected in both. The second row is for "Old Transporter Name" (checkbox) and "New Transporter Name" (dropdown), with "B K BUTANI" selected in both. The third row is for "Old Material Name" (checkbox) and "New Material Name" (dropdown), with "(0 TO 11MM)GSB METAL" selected in both. At the bottom right, there are three buttons: "Delete", "Update", and "Close".

- Backup Functionality is available with this – You are getting the backup any with this utility.



The screenshot shows a window titled "Backup Utility". It has a "Back Up" section with two labels: "Backup Name : **Crusher Management System**" and "Backup Path : \*". Below the "Backup Path" label is a "Browse" button. At the bottom right, there are two buttons: "Backup" and "Exit".

In the above form is useful for backup functionality. This place on the menu with the name of 'Backup' this utility use store the data in additional copy in another location as per your convenient.

## Technology:

- Windows application on Vb.net 2005
- Data Base – Microsoft SQL Server 2005/2008
- Windows xp service pack -2

## Client List:

- Harekrishna Stones- Pachgaon ,Nagpur (M.S.)
- Sidheshwar IIPL-IGCIPL- Surgaon ,Nagpur (M.S.)
- IIGC IPL ,Kelzar, wardha (M.S.)
- Chourasia Crusher – Pulgaon, Wardha (M.S.)
- Varad Industries, Nagpur(M.S.)
- Salasar Crusher Plant , Nagpur (M.S.)
- Shri Periyasami Bluemetal, Sathyamangalam, Pudukkottai.(T.N.)

## Contact Us:

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