

MASTER DATA

Source master data is usually provided from an Accounting ERP system or third-party source. Opmetrix can map to this master data and includes an interface tool capable of creating rule based mappings, formulas and logic to replicate the sales functionality of the accounting system. Source data is most often provided in a flat file (CSV) format or via ODBC (e.g. SQL views). Column Headings in each file/SQL view must match the File Names specified in the table below.

TRANSACTION DATA

Opmetrix will supply a csv formatted file containing the sales transactions, which would then be imported into the ERP.

SUMMARY	RESPONSE	NOTES
CLIENT NAME		
ERP SYSTEM		
ERP VERSION		
MASTERA DATA EXPORT METHOD		
MASTER DATA SCHEDULE		
SALES HISTORY EXPORT METHOD		
SALES HISTORY SCHEDULE		
TRANSACTION DATA IMPORT METHOD		
TRANSACTION DATA SCHEDULE		

MASTER DATA OUTPUT SUMMARY

The following **Master Data** files will be included in this Schema

No.	SUMMARY	SUPPLIED	FILE NAME	FORMAT
1	CUSTOMER MASTER DATA		Customer.csv	CSV
2	DELIVERY ADDRESSES MASTER DATA		DeliveryAddress.csv	CSV
3	STAFF MASTER DATA		Staff.csv	CSV
4	PRODUCT (SKU) MASTER DATA		Product.csv	CSV
5	PRODUCT GROUP MASTER DATA		Groups.csv	CSV
6	TAX CODES MASTER DATA		Tax.csv	CSV
7	BRANCHES / LOCATIONS MASTER DATA		Branch.csv	CSV
8	STOCK ON HAND BY BRANCH MASTER DATA		BranchStockLevels.csv	CSV
9	VENDOR CODE/NAME MASTER DATA		Vendors.csv	CSV
10	*PRODUCT VISIBILITY RULES MASTER DATA		Exclusion.csv	CSV
11	CONTRACT PRICE RULES MASTER DATA		Pricing.csv	CSV
12	SALES TRANSACTION HISTORY MASTER DATA		Transaction.csv	CSV

**Notes: Product Visibility Rules is only supported on Cloud-based CMS, or on CMS v6.2 and above.*

SECTION 1 – CUSTOMER DATA

1		CUSTOMER MASTER DATA				
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	CustomerID		Character	20	Yes	Yes
2	CustomerName		Character	100		Yes
3	PriceLevel		Numeric	3		
4	CustomerDiscount		Numeric	10.2		
5	Addressline1		Character	100		
6	Addressline2		Character	100		
7	Addressline3		Character	100		
8	Addressline4		Character	100		
9	Fax		Character	100		
10	Phone		Character	100		
11	Notes		Character	150		
12	StaffCode		Character	20		
13	SpecialPricingGroup		Character	5		
14	StopCredit		Numeric	1		
15	Mobile		Character	20		
16	Email		Character	100		
17	Balance3		Numeric	10.2		
18	Balance2		Numeric	10.2		
19	Balance1		Numeric	10.2		
20	BalanceCurrent		Numeric	10.2		
21	BalanceTotal		Numeric	10.2		
23	CompulsoryOrderNo		Numeric	10		
24	PrintPricing		Numeric	1		
25	Vendor		Character	100		
26	CustomField1		Character	100		
27	CustomField2		Character	100		
28	EnableEditPrice		Character	1		
29	Postcode		Character	10		
30	CustomerCategory1		Character	50		
31	CustomerCategory2		Character	50		

[illegible]

32	CustomerCategory3		Character	50					
33	CustomerCategory4		Character	50					
34	CustomerCategory5		Character	50					
35	CustomerCategory6		Character	50					
36	CustomerCategory7		Character	50					
37	CustomerCategory8		Character	50					
38	ReportOnly		Numeric	1					

2	DELIVERY ADDRESSES MASTER					
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	CustomerCode		Character	20		Yes
2	CustomersDeliveryCod		Character	20		Yes
3	DeliveryAddressLine1		Character	100		
4	DeliveryAddressLine2		Character	100		
5	DeliveryAddressLine3		Character	100		

ERP Label /Name	Table.Field	Notes

3	STAFF MASTER					
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	Staff Code		Character	20	Yes	Yes
2	First Name		Character	100		Yes
3	Surname		Character	100		

ERP Label /Name	Table.Field	Notes

SECTION 2 – PRODUCT DATA

4		PRODUCT (SKU) MASTER DATA				
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	SKUCode		Character	50	Yes	Yes
2	Description		Character	100		Yes
3	Barcode		Character	50		
4	Group		Character	20		
5	Vendor		Character	20		
6	SellPrice1		Numeric	10.2		
7	SellPrice2		Numeric	10.2		
8	SellPrice3		Numeric	10.2		
9	SellPrice4		Numeric	10.2		
10	SellPrice5		Numeric	10.2		
11	SellPrice6		Numeric	10.2		
12	SellPrice7		Numeric	10.2		
13	SellPrice8		Numeric	10.2		
14	TaxCode		Character	20		
15	TotalStockOnHand		Numeric	10.2		
16	DefaultSalesUnitQty		Numeric	10.2		
17	DefaultSalesUnit		Character	20		
18	Custom1		Character	100		
19	Custom2		Character	100		
20	CostPricePerSalesUnit		Numeric	10.2		
21	PEL Code		Character	50		
22	FSA Code		Character	50		
23	FSW Code		Character	50		
24	FSSI Code		Character	50		
25	ProductCategory1		Character	50		
26	ProductCategory2		Character	50		
27	ProductCategory3		Character	50		
28	ProductCategory4		Character	50		
29	ProductCategory5		Character	50		

[illegible]

30	ProductCategory6		Character	50					
31	ProductCategory7		Character	50					
32	ProductCategory8		Character	50					
33	HideInPortal		Numeric	1					

*** Total stock on hand is used when Branches/Stock on Hand by Branch files (Section 7 and 8) are not implemented

5		PRODUCT GROUP MASTER DATA							
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Code		Character	20		Yes			
2	Name		Character	100					

6		TAX CODES MASTER DATA							
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Tax Code		Character	20		Yes			
2	Description		Character	100					
3	Rate		Numeric	10.2					

7		BRANCHES / LOCATIONS MASTER DATA							
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Branch Code		Character	20		Yes			
2	Branch Name		Character	100					
3	Add1		Character	100					
4	Add2		Character	100					
5	Add3		Character	100					

8		STOCK ON HAND BY BRANCH MASTER DATA							
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Product Code		Character	50		Yes			
2	Branch		Character	20					
3	Stock On Hand		Numeric	10.2					

9	VENDOR CODE/NAME MASTER DATA					
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	ID		Character	20		Yes
2	Name		Character	100		

ERP Label /Name	Table.Field	Notes

10	PRODUCT VISIBILITY RULES MASTER DATA					
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	ProductCode		Character	50		
2	CustomerCode		Character	20		
3	IsIncluded		Numeric	1		
4	CustomerCategory1		Character	50		
5	CustomerCategory2		Character	50		
6	CustomerCategory3		Character	50		
7	CustomerCategory4		Character	50		
8	CustomerCategory5		Character	50		
9	CustomerCategory6		Character	50		
10	CustomerCategory7		Character	50		
11	CustomerCategory8		Character	50		
12	ProductCategory1		Character	50		
13	ProductCategory2		Character	50		
14	ProductCategory3		Character	50		
15	ProductCategory4		Character	50		
16	ProductCategory5		Character	50		
17	ProductCategory6		Character	50		
18	ProductCategory7		Character	50		
19	ProductCategory8		Character	50		

ERP Label /Name	Table.Field	Notes

Product Visibility Notes

Field 1 – Can be a mixture of SKU Codes (Field 1 in Product Master) or Blank (rule applies to ALL Products)

Field 2 – Can be a mixture of Customer Code (Field 2 in Customer Master) or Blank (rule applies to ALL Customers)

Field 3 – The combination will be visible on Opmetrix App if it's set to 1 (**TRUE**), or vice versa.

Field 4~19 – The fields accept blank if the condition is not applicable.

***Notes:** There is a setting on Opmetrix CMS to set the priority in the event of similar rules applied.

SECTION 3 – CONTRACT PRICING RULES

10	CONTRACT PRICE RULES MASTER DATA					
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory
1	Product Code	SKU Code / Product	Character	50		Yes
2	Customer Code	Cust Code / Pricing	Character	20		
3	Price	\$ Rate / % Disc / Price	Numeric	10.2		Yes
4	Type		Numeric	1		Yes
5	Start Date		Date	10		
6	End Date		Date	10		
7	Quantity		Numeric	10.2		
8	Discount	% Disc on Type=8	Numeric	10.2		

ERP Label /Name	Table.Field	Notes

Contract Pricing Notes

Field 1 – Can be a mixture of SKU Codes (Field 1 in Product Master), SKU Groups (Field 4 in Products Master) or Blank (rule applies to ALL Products)

Field 2 – Can be a mixture of Customer Code (Field 2 in Customer Master), Customer Group (Field 13 in Customer Master), Price Level (Field 3 in Customer Master) or Blank (rule applies to ALL Customers)

Field 3 – Is a price (e.g. 9.99), a discount (e.g. 10) or a Price Level (1-8)

Field 4 – Is a value from 1-7 which determines the type of discount that will be applied.

1 = Contract Rate	E.g. Customer Code/Product Code = \$rate
2 = Contract Discount	E.g. Customer Code/Product Code = %disc
3 = Exclusion	E.g. Customer Code/Product Code = Excludes all discounts and contract prices including Customer global discount
4 = Rate is subtracted	E.g. Customer Code/Product Code = Standard price (from price level) - \$rate
5 = Field 3 is price level	E.g. Customer Code/Product Code/Rate = the customer will get price level X (Rate) for the item being sold
6 = Contract Discount by Price Level	E.g. Price Level/Product Code = If field 2 matches the selected customers price level then apply %disc
7 = Contract Rate by Price Level	E.g. Price Level/Product Code = If field 2 matches the selected customers price level then apply \$rate
8 = Contract Rate with Discount	E.g. Customer Code/Product Code = \$rate - %disc (%disc here refers to rate2 field).

Field 7 – Any of the above rules can have a minimum qty break. Eg a quantity of '5' means only apply pricing rule when the qty sold is 5 or more

The examples above show Customer Code/Product Code. This could however be Customer Group / Product Group or a mixture of both

SECTION 4 – ERP SALES HISTORY MASTER DATA

Sales created via the Accounting ERP system can be imported into Opmetrix. Below is the required file layout.

Expectations

- The file that Opmetrix can import needs to be a CSV file with a static name of **transactions.csv**
- The import file should be put into the default Opmetrix Import folder.
- The import file should be generated and imported once per day, with 5 days' worth of transactions, at a period of low server load.
- The Accounting ERP system should be able to filter out transactions imported from Opmetrix. If this is not possible, the Opmetrix ID must also be included as part of the import file.
- Each transaction has a Header Line (H) followed by multiple Detail Lines (D). The Transaction file can contain multiple transactions (Orders, Invoices, Credits, & Quotes) within the one file.

1	SALES HISTORY MASTER HEADER								
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Header Flag	Fixed Text "H"	Character	1	Yes	Yes			
2	External Transaction ID	ERP Transaction ID	Character	8	Yes	Yes			
3	Opmetrix ID	Opmetrix Trx ID	Numeric	8					
4	Transaction Type	O=Order I=Invoice C=Credit Q=Quote	Numeric	1		Yes			
5	Delivery Date	Transaction Date (dd/mm/yyyy)	Character	10		Yes			
6	Customer Code	Customer code ¹	Character	20		Yes			
7	Customer Name	Customer name	Character	50					
8	Stock Location	Stock Location code from which sale was made	Character	10					
9	Our Reference	Internal reference	Character	150					
10	Order Number	Customer Order No.	Character	50					
11	Staff Code	Staff code of who made the sale	Character	20		Yes			
12	Invoice Total	Total value of this transaction ²	Numeric	10.3		Yes			
13	Tax Total	Tax amount of this transaction	Numeric	10.3		Yes			

SECTION 5 – OPMETRIX TRANSACTION EXPORT FILE

Sales created via Opmetrix are exported to a file for import back into the Accounting ERP system. Below is the default file layout. This can easily be modified to accommodate most standard file layouts if required.

Each transaction has a Header Line (H), followed by multiple Detail Lines (D). The Transaction file can contain multiple transactions (Orders, Invoices, & Credits) within the one file. In the example below notes/comments have been added to the end of the Detail Line. Optionally notes/comments can be output on a separate line type (C) if required.

1	SALES TRANSACTION HEADER LINE OUTPUT								
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Header Flag	Fixed output "H"	Character	1	Yes	Yes			
2	Transaction ID		Character	8		Yes			
3	Transaction Type	O=Order I=Invoice C=Credit Q=Quote	Numeric	1					
4	Delivery Date		Date	10					
5	Synchronised Date		Date						
6	Synchronised Time		Time						
7	Customer Code		Character	20					
8	Customer Name		Character	100					
9	Branch / Warehouse		Character	20					
10	Our Reference		Character	150					
11	Order Number		Character	50					
12	Staff Code		Character	20					
13	Invoice Total		Numeric	10.2					
14	GST Total		Numeric	10.2					
15	Device Login		Character	20					
16	Delivery Address Code		Character	20					
17	Signed By		Character	50					

2	SALES TRANSACTION DETAIL LINE OUTPUT								
No.	Opmetrix Field Name	Notes	Type	Length	Unique	Mandatory	ERP Label /Name	Table.Field	Notes
1	Line Type	Fixed Output “D”	Character	1	Yes	Yes			
2	Transaction ID	Unique Transaction	Character	8		Yes			
3	Stock Code (SKU)	Product Code of	Character	50					
4	Product Description	Product Description	Character	100					
5	Quantity Sold		Numeric	6.2					
6	Unit Price		Numeric	10.2					
7	Discount Percent	Discount as a	Numeric	5.2					
8	Discount Amount	Discount as a \$	Numeric	5.2					
9	Line Total		Numeric	10.2					
10	Line GST		Numeric	10.2					
11	Note	Optional	Character	150					