



**“EDE - Electronic Data Exchange”
(MobileAppSolution)
BILLING API – B2C**

Document History

API Version	Created/Updated Date		Created/Updated By	
	Created Date	Updated Date	Created By	Updated By
1.0	19 th June 2018	-	Marg team	-
1.1	-	10 th April 2021	-	Marg Team

Introduction

Our API is a REST API (Representational State Transfer) and it will return the Data as a JSON Format with encrypted value on 128 bits for the decryption we will provide Decryption Key and DLL File. These API is a two way process for fetching data as well as post Sale bill.

API Usage

MargMST2017 (Post API)

This Service / Feature can use For Master Sync. For example Customer, Product Company, User Master etc.

URL: - <https://wservices.margcompusoft.com/api/eOnlineData/MargMST2017>

Retail Billing Detail (Post API)

This Service / Feature can used to For Post Sales Bill (Retail).

URL: - <https://wservices.margcompusoft.com/api/ebusiness/InsertbillDetail>

Request Parameters 1.0, **MargMST2017 without Date & Time**

API URL	https://wservices.margcompusoft.com/api/eOnlineData/MargMST2017
API Name	MargMST2017
Json Input	{ "CompanyCode": "", "MargID": "", "Datetime": "", "Index": "" }
Request Type	POST
Content Type	Application Json
Interface Descriptions	This Service / Feature can use For Master Sync. For example Customer, Product Company, User Master etc.

Request ----- >

Field Name	Required / Optional/ Conditional	Data Type	Sample Value	Remark
CompanyCode	R	String	MARGLIVE	MARGLIVE
MargID	R	Integer	8835	e Business ID From Marg
Datetime	R	Date & Time		If Datetime is blank then we provide all information other wise pass responsive datetime
Index	R	Integer	0	Pass index as 0

Response Parameter MargMst2017 without date & Time

Response (Without Date & Time)

Object Name	Field Name	Data Type	Length / Decimal	Sample Value	Remark
Pro_N	Rid	Integer	9	20170110	Row ID (Identity)
" "	CatCode	Varchar	6	Z1	Item Category Code
" "	Code	Varchar	22	1000005	Item Code
" "	Name	Varchar	45	BETNESOL INJ.	Item Name
" "	Stock	Numeric	15, 3	1.00	Current Stock
" "	Remark	Varchar	200	BH-321	General Remark (combination of MRP, Rate, Schemes, tc.. ..Not mandatory)
" "	Company	Varchar	40	CADILA PHARMA	Name of Product Company(Marketed By)
" "	ShopCode				
" "	MRP	Numeric	10, 2	0.00	Maximum Retail Price
" "	Rate	Numeric	10, 2	0.00	Billing Price
" "	Deal	Numeric	5	10	Deal on (10 if deal is 10+1)
" "	Free	Numeric	5	1	Free Qty (1 if deal is 10+1)
" "	Prate	Numeric	10, 2	0.00	Purchase Price
" "	Is_Deleted	Integer	6	0 or 1	If product is deleted or not 0=not deleted ,1=deleted
" "	CurBatch	Varchar	12	ABC0002	Current Running batch of the item
" "	Exp	Varchar	20	20/03/2015	Expiry Date of current batch
" "	GCode	Varchar	6	CP002	Product Company Code
" "	MargCode	Varchar	200		
" "	Conversion	Varchar	200	15	Item Conversion
" "	Salt	Varchar	6	"A"	Salt code
" "	ENCODE	Varchar	25	" "	Barcode
" "	Remarks	Varchar			remarks information
" "	Gcode6	Varchar		JKL	HSN Code
" "	ProductCode				
Pro_U					It will Return when Pass Date & Time
Pro_R					It will Return when Pass Date & Time
Pro_S					It will Return when Pass Date & Time
Stype	Rid	Integer	6	85344	Row ID (Identity)
" "	Sgcode	Varchar	6	" AREA"	Sub Master Code ,,,For company 'AREA',for category 'CATEGO','AREA','ROUT'
" "	Scode	Varchar	6	"A9"	Submaster code
" "	Name	Varchar	45	CADILA PHARMA	Name of Group/area/company/route

" "	Is_Deleted	Varchar	6	0	0=non deleted ,1=deleted
Party	Rid	Integer	6	186999	Row ID (Identity)
" "	Area	Varchar	6	" "	Area code
" "	Code	Varchar	6	CREDIT	Ledger Code
" "	Address	Varchar	150	" "	Party Address
" "	Name	Varchar	45	"CREDIT CARD"	Name
" "	Balance	Numeric	14, 2	0.00	Current Ledger balance
" "	Pdc	Numeric	14, 2	0.00	PDC Amount of Ledger
" "	Gcode	Varchar	6	C6	Ledger Type (Group Debtor,creditor,sales man etc)
" "	Opening	Numeric	14, 2	0.00	Ledger Opening as on start of the financial year
" "	Is_deleted	Integer	6	0	1=deleted , 0 = non deleted
" "	Phone1	Varchar	12	8527812345	phone number-1
" "	Phone2	Varchar	12	8527812345	phone number-2
" "	Phone3	Varchar	12	8527812345	phone number-3
" "	Phone4	Varchar	12	8527812345	phone number-4
" "	Email1	Varchar	45	test1@email.com	Email Id -1
" "	Email2	Varchar	45	test1@email.com	Email Id -2
" "	Email3	Varchar	45	test1@email.com	Email Id -3
" "	Bank	Varchar	45	" "	Bank Name For Payment
" "	Branch	Varchar	45	" "	Bank Branch Name
" "	MargCode	Varchar	20	" "	
" "	GSTN	Varchar	15	" "	Gst Number
" "	DINo.	Varchar	45	" "	Durg Licence number
" "	LedgerCode	Varchar		" "	
Users	RowId	Integer		12361	Row ID (Identity)
" "	UserId	Varchar	50	PNC	Mobile App User ID
" "	Name	Varchar	100	P N C	Mobile Name User Name
" "	Address1	Varchar	60	F-11 Roshanara Plaza,	User Address-1
" "	Address2	Varchar	60	Roshanara Road,	User Address-2
" "	Address3	Varchar	60	Delhi	User Address-3
" "	Phone	Varchar	25	011 30969600	User Phone
" "	Mobile	Varchar	25	9329203638	User Mobile
" "	Email	Varchar	50	test@gmail.com	User email id
" "	Is_Deleted	Bit	9	0	1=deleted , 0 = non deleted
" "	Type	Char	1	S	User Type (S-Sales Man)
Index		Integer	0	500000	
Datastatus			10	Completed	
Status	Success	Char	10	Success	Message
DateTime		Date&Time	26	2017-01-14 13:53:2	API Reasoned Date & Time.

Message Statues 1.0

Message Status	Message Code	Description
Failure	Invalid Input	If Company Id dos Not exist in Server If try to pass company id as a Wrong. If Company Name, Type is dos not exist in server. If Date Format is wrong.
Failure	No Record Found	If Company Data not available in server as per Request.
Success	Success	If Data Received From Server as per request.
500	Server Error	Some Internal error in system (Server Error)

Request Parameters **MargMST2017 with Date & Time**

API URL	https://wservices.margcompusoft.com/api/eOnlineData/MargMST2017
Interface / API Name	MargMST2017
Json Input	{ "CompanyCode": "", "MargID": "", "Datetime": "", "index": "" }
Request Type	POST
Content Type	Application Json
Interface Descriptions	This Service / Feature can use For Master Sync. For example Customer, Product Company, User Master etc.

Request ----->

Field Name	Required / Optional/ Conditional	Data Type	Sample Value	Remark
CompanyCode	R	String	MARGLIVE	MARGLIVE
MargID	R	Integer	8835	e Business ID From Marg
Datetime	R	Date & Time		If Date Column is blank in that case API return ALL Data
Index	R	Integer	0	

Response Parameter1.0 MargMst2017 with date & Time

Response (With Date & Time)

Object name	Field Name	Data Type	Length/Decimal	Sample Value	Remark
Pro_N	Rid	Integer	9	20170110	Row ID (Identity)
" "	CatCode	Varchar	6	Z1	Item Category Code
" "	Code	Varchar	22	1000005	Item Code
" "	Name	Varchar	45	BETNESOL INJ.	Item Name
" "	Stock	Numeric	15, 3	1.00	Current Stock
" "	Remark	Varchar	200	BH-321	General Remark (combination of MRP, Rate, Schemes, tc.. ..Not mandatory)
" "	Company	Varchar	40	CADILA PHARMA	Name of Product Company(Marketed By)
" "	ShopCode				
" "	MRP	Numeric	10, 2	0.00	Maximum Retail Price
" "	Rate	Numeric	10, 2	0.00	Billing Price
" "	Deal	Numeric	5	10	Deal on (10 if deal is 10+1)
" "	Free	Numeric	5	1	Free Qty (1 if deal is 10+1)
" "	Prate	Numeric	10, 2	0.00	Purchase Price
" "	Is_Deleted	Integer	6	0 or 1	If product is deleted of not 0=not deleted ,1=deleted
" "	CurBatch	Varchar	12	ABC0002	Current Running batch of the item
" "	Exp	Varchar	20	20/03/2015	Expiry Date of current batch
" "	GCode	Varchar	6	CP002	Product Company Code
" "	MargCode	Varchar	200		
" "	Conversion	Varchar	200	15	Item Conversion
" "	Salt	Varchar	6	"A"	Salt Code
" "	ENCODE	Varchar	25	" "	BarCode Number
" "	Remarks	Varchar			remarks information
" "	Gcode6	Varchar		JKL	HSN Code
" "	ProductCode				
Pro_U	Rid	Integer	6	2730823	Row ID (Identity)
" "	CatCode	Varchar	6	" "	Item Category Code
" "	Code	Varchar	22	124	Item Code
" "	Name	Varchar	45	EPRIN 150 10T	Item Name
" "	Stock	Varchar	15, 3	0	Current Stock
" "	Remark	Varchar	200	" "	General Remark (combination of MRP, Rate, Schemes, tc.. ..Not mandatory)
" "	Company	Varchar	40	"ELDER INDIA"	Name of Product Company(Marketed By)
" "	Shopcode			" "	
" "	MRP	Numeric	10, 2	0.00	Maximum Retail Price

" "	Rate	Numeric	10, 2	1.66	Billing Price
" "	Deal	Varchar	5	0	Deal on (10 if deal is 10+1)
" "	Free	Varchar	5	0	Free Qty (1 if deal is 10+1)
" "	Prate	Numeric	10, 2	0.00	Purchase Price
" "	Is_Deleted	Integer	6	0	If product is deleted of not 0=not deleted ,1=deleted
" "	CurBatch	Varchar	12	" "	Current Running batch of the item
" "	Exp	Varchar	20	20050201	Expiry Date of current batch
" "	Gcode	Varchar	6	\$90	Product Company Code
" "	MargCode	Varchar	200	" "	
" "	Conversion	Varchar	200	"0"	Item Conversion
" "	Salt	Varchar	6	" "	Salt Code
" "	ENCODE	Varchar	25	" "	BarCode Number
" "	Remarks	Varchar			remarks information
" "	Gcode6	Varchar		JKL	HSN Code
" "	ProductCode				
Pro_S	Code	Varchar	22	124	Item internal Code
" "	Stock	Varchar	15, 3	"0"	item stock Qty
" "	ProductCode				
pro_R	Code	Varchar	22	124	Item internal Code
" "	Stock	Numeric		0.00	Item Stock Qty
" "	MRP	Numeric	10, 2	0.00	Mrp Rate
" "	Rate	Numeric	10, 2	"1.66"	Sale Rate
" "	Deal	Varchar	5	"0"	Deal Qty
" "	Free	Varchar	5	"0"	Free Qty
" "	Prate	Numeric	10, 2	0.00	Purchase Rate
" "	ProductCode				
" "	Curbatch	Varchar		"BFE456"	Current Batch (FIFO base)
Stype	Rid	Integer	6	85344	Row ID (Identity)
" "	Sgcode	Varchar	6	" AREA"	Sub Master Code ,,For company 'AREA',for category CATEGO','AREA'.ROUT'
" "	Scode	Varchar	6	"A9"	Submaster code
" "	Name	Varchar	45	CADILA PHARMA	Name of Group/area/company/route
" "	Is_Deleted	Varchar	6	0	0=non deleted ,1=deleted
Party	Rid	Integer	6	186999	Row ID (Identity)
" "	Area	Varchar	6	" "	Area code
" "	Code	Varchar	6	CREDIT	Ledger Code
" "	Address	Varchar	150	" "	Party Address
" "	Name	Varchar	45	"CREDIT CARD"	Name
" "	Balance	Numeric	14, 2	0.00	Current Ledger balance
" "	Pdc	Numeric	14, 2	0.00	PDC Amount of Ledger
" "	Gcode	Varchar	6	C6	Ledger Type (Group Debtor,creditor,sales man etc)
" "	Opening	Numeric	14, 2	0.00	Ledger Opening as on start of the financial year
" "	Is_deleted	Integer	6	0	1=deleted , 0 = non deleted
" "	Phone1	Varchar	12	8527812345	phone number-1
" "	Phone2	Varchar	12	8527812345	phone number-2
" "	Phone3	Varchar	12	8527812345	phone number-3

“ ”	Phone4	Varchar	12	8527812345	phone number-4
“ ”	Email1	Varchar	45	test1@email.com	Email Id -1
“ ”	Email2	Varchar	45	test1@email.com	Email Id -2
“ ”	Email3	Varchar	45	test1@email.com	Email Id -3
“ ”	Bank	Varchar	45	“ ”	Bank Name For Payment
“ ”	Branch	Varchar	45	“ ”	Bank Branch Name
“ ”	MargCode	Varchar	20	“ ”	
“ ”	GSTN	Varchar	15	“ ”	
“ ”	DINo.	Varchar	45	“ ”	
“ ”	LedgerCode				
Users	RowId	Integer	6	12361	Row ID (Identity)
“ ”	UserId	Varchar	50	PNC	Mobile App User ID
“ ”	Name	Varchar	100	P N C	Mobile Name User Name
“ ”	Address1	Varchar	60	F-11 Roshanara Plaza,	User Address-1
“ ”	Address2	Varchar	60	Roshanara Road,	User Address-2
“ ”	Address3	Varchar	60	Delhi	User Address-3
“ ”	Phone	Varchar	25	011 30969600	User Phone
“ ”	Mobile	Varchar	25	9329203638	User Mobile
“ ”	Email	Varchar	50	test@gmail.com	User email id
“ ”	Is_Deleted	Bit	9	0	1=deleted , 0 = non deleted
“ ”	Type	Char	1	S	User Type (S-Sales Man)
Index		Integer	0	500000	
Datastatus			10	Completed	
Status	Success	Char	10	Success	Message
DateTime		Date&Time	26	2017-01-14 13:53:2	API Reasoned Date & Time.

Message Statues

Message Status	Message Code	Description
Failure	Invalid Input	If Company Id dos Not exist in Server If try to pass company id as a string, If Company Name, Type is dos not exist in server. If Date Format is wrong.
Failure	No Record Found	If Company Data not available in server as per Request.
Success	Success	If Data Received From Server as per request.
500	Server Error	Some Internal error in system (Server Error)

Sample Code 1.0

Sample Code	URL: https://wservices.margcompusoft.com/api/eOnlineData/MargMST2017 Json Input: { "CompanyCode": "VIKRAMNEGI2", "MargID": "314539", "Datetime": "", "index": "0" }
-------------	--

Field Description:

- Pro_N -> New Product
- Pro_U -> Updated Product
- Pro_S -> Stock updated Product
- Pro_R -> Rate updated product
- Stype -> Product wise company
- Party -> party table
- Index -> 0
- Status -> Success/Failure
- Datetime -> Requested Date & Time

Insert Retail Billing Api

Request Parameters Insert Retail Billing Detail

API URL	https://wservices.margcompusoft.com/api/ebusiness/InsertbillDetail
API Name	InsertretailbillingDetail
JSON Input	{ "OrderID":"","OrderNo":"","CompanyID":"","CustomerID":"","Type":"","Sid":"","Lat":"","Lng":"","Address":"","GpsID":"","UserType":"","OrderFrom":"","OrderRemarks":"","Transport":"","Paymode":"","IsOrderorBill":1,"Others":"","Mrcode":"","Version":"","CompanyCode":"","ProductCode":"","Quantity":"","Free":"","Rate":"","DiscountPerc":"","DiscountAmt":"","TaxPerc":"","TaxAmt":"","CessPerc":"","CessAmt":"","CgstPerc":"","CgstAmt":"","Mobile":"","CustomerName":"","Email":"" }
Request Type	POST
Content Type	Application Json
Interface Descriptions	This Service / Feature post retail bills

Request ----->

Field Name	Required / Optional/	Data Type	Length	Sample Value	Remark
	Conditional	Type		Value	
OrderID	R	Integer	9	"Blank"	
OrderNo	R	Integer	9	1	Pass Default Value 1
CompanyID	R	Integer	9	240418	e Business ID From Marg
CustomerID	R	Integer	9	"Blank"	Pass Blank
Type	R	Chart	1	B	Pass Default Value B (B=BILL)
Sid	R	Integer	12	138109	Pass Sales Man Row ID
Lat	O	Varchar	35	"Blank"	It's Not mandatory field, (If want pass latitude of Address, please pass Here)
Lng	O	Varchar	35	" "	It's Not mandatory field, (If want pass longitude of Address, please pass Here)
Address	O	Varchar	80	" "	Pass blank
GpsID	O	Integer	9	0	Default Value 0
UserType	R	Integer	9	2	Default Value 2
OrderFrom	O	Varchar	12,3	VIKRAMNEGI2	It's mandatory field (type panel id)
Order_remarks	O	Varchar	35	Remarks billing	" "
Transport	O	Varchar	35	Deliever to Store	It's Not mandatory field
PayMode	O	varchar		payment	**
IsOrderorBill	R	Integer	1	1	Default Value 1
Others	O	Verchar	12	MG00004	Insert Bill number
Mrcode				*Blank*	
Version		Integer		1	It's mandatory field (Default Value 1)
Companycode	O	Varchar	12,3	VIKRAMNEGI2	It's mandatory field (type panel id)
ProductCode	R	Integer		1000000	Pass Item Code (use multiple item with coma separate code)- [,]
Quantity	R	Numeric	12,3	10	Pass bill Item Quantity (use multiple item with coma separate code)- [,]
Free	R	Numeric	9,3	0	Pass Free Item Quantity (use multiple item with coma separate code)- [,]
Rate	R	Numeric	12,3	100.00	Pass item rate (use multiple item with coma separate code)- [,]

Discountperc	R	Numeric	12,3	10	Pass Item discount percentage
Discountamt	R	Numeric	12,3	0	Pass Item discount amount
Taxperc	R	Numeric	12,3	2.5	Pass Item sgst tax percentage
Taxamt	R	Numeric	12,3	2.5	Pass Item sgst tax amount
Cessperc	R	Numeric	12,3	0	Pass Item cess percentage (if any)
Cessamt	R	Numeric	12,3	0	Pass Item cess amount
cgstperc	R	Numeric	12,3	2.5	Pass Item cgst tax percentage
cgstamt	R	Numeric	12,3	2.5	Pass Item cgst tax amount
Mobile	O	Varchar	35		Customer mobile number
Customer Name		Varchar			Customer name
Email		Varchar	12,3		Customer email id

Sample code

```
{ "OrderID":""," "OrderNo":"1", "CompanyID": "240418", "CustomerID": "", "Type": "B", "Sid":"138109",
"Lat":"28.6957688", "Lng":"77.1568487", "Address": "C1/47 PRATAP VIHAR 3 NANGLOI", "GpsID": "0",
"UserType": "2", "OrderFrom": "VIKRAMNEGI2", "OrderRemarks": "Remarks billing Api", "Transport":
"Delievertostore", "Paymode": "PAYMENT", "IsOrderorBill": 1, "Others": "MG0015", "MrCode": "", "Version": "1",
"CompanyCode": "VIKRAMNEGI2", "ProductCode":"[1000000,1000001,1000003]", "Quantity":"[1,3,4]",
"Free":"[1,0,0]", "Rate":"[100.0,200.0,300.0]", "DiscountPerc":"[0,0,0]", "DiscountAmt":"[0,0,0]",
"TaxPerc":"[2.5,6,9]", "TaxAmt":"[0,0,0]", "CessPerc":"[0,0,0]", "CessAmt":"[0,0,0]", "CgstPerc":"[2.5,6,9]",
"CgstAmt":"[0.0,0.0,0.0]", "Mobile":"88888888888",
"CustomerName":"JAVED", "Email":"NEERAJ.N@MARG.IND.IN" }
```

Note: - Means Mandatory Field in Column of Required / Optional/ Conditional

In this document we have tried to explain the How to Consume Standard API Marg. In case you have some difficulty then contact us by using the following mediums.

Marg ERP Limited.
Marg House, Plot No. 7, Wazirpur Press Area, Opp. Netaji Subhash
Place, Delhi-110035 (INDIA)

8800645489
Vikram Singh Negi