Sales Order Entry

Standard Submission API

The following fields in the API allow the system to identify the filter criteria on the gateway. The submission endpoint address is http://www.ronlynn.com/RLMServices/services/SalesOrder

The operation name is "create"

FIELD	REQUIRED	VALUE	MAX LENGTH	DESCRIPTION
authentication	Yes	N/A	N/A	It's encapsulates the authentication values, username and key.
username	Yes	Any string	N/A	It's the username for the authentication
key_value	Yes	Any string	N/A	It's the key encrypted value that matches the username
company	Yes	Any number	4	Contains the company number
division	No	Any number	2	Contains the division number
singleDivision	No	Any character	1	Y=Indicates if the order is for one division only. Default value Y. If 'N' then the order will be split in as many divisions are in the details. The division is automatically taken from the style information.
customer	No	Any character	7	Contains the customer code
store	No	Any number	4	Contains the store number
email	No	Any string	75	Contains the email address of the customer shopping.
contact_phone	No	Any string	30	Contains the contact phone number of the customer shopping.
addresses	No	N/A	N/A	It encapsulates the override addresses if any. See **Override Address**
routing	No	Any string	3	Contains the ship via

				(router) code. If not passed or blank, it will default to the one setup on customer profile.
terms	No	Any number	2	Contains the terms code. If not passed or blank, it will default to the one setup on customer profile.
warehouse	No	Any number	2	Contains the warehouse code. Default value is 1.
salesRep	No	Any string	3	Contains the sales rep code. If not passed or blank, it will default to the one setup on customer profile.
department	No	Any string	5	Contains the department code. If not passed or blank, it will default to the one setup on customer profile.
orderType	No	Any character	1	Contains the order type code. Default value is 'w'
startDate	Yes	Any number	8	Contains the start ship date, in YYYYMMDD format
orderDate	Yes	Any number	8	Contains the order entry date, in YYYYMMDD format
cancelDate	Yes	Any number	8	Contains the cancel date, in YYYYMMDD format
customerPO	No	Any string	15	Manual identifier for the customer order number
special01	No	Any string	80	Special instructions line 1
special02	No	Any string	80	Special instructions line 2
special03	No	Any string	80	Special instructions line 3
special04	No	Any string	80	Special instructions line 4
discount	No	Any number	1,5	Discount percent represented in decimals. Example 5% = 0.05, 30% = 0.3 . It can hold up to 1 integer positions and 5

				decimals.
taxID	No	Any character	30	Contains the tax ID code.
taxAmount	No	Any character	12,2	Contains the tax amount
shippingAmount	No	Any character	12,2	Contains the shipping amount
rushPT	No	Any character	1	Indicates if it's to create the Pick Ticket at once. Y = Yes
bulkFlag	No	Any character	1	Indicates if it's a bulk / contract order. C = contract, empty otherwise
details	Yes	N/A	N/A	It encapsulates the detail lines
line	Yes	N/A	N/A	It encapsulates each one of the line elements that will be added to the order
SKUNumber	Yes	Any number	7	Unique identifier of the style
style	No	Any string	10	Style code, as an additional validation against the SKUNumber
color	Yes	Any string	5	Contains the color code of the style
size	Yes	Any string	5	Contains the size code of the style
price	Yes	Any number	7,2	Defines the item price. It can hold up to 7 integer positions and 2 decimals
quantity	Yes	Any number	6	Defines the item quantity order
lineTaxAmount	No	Any number	12,2	Contains the total extended tax amount by line
lineStateTaxAmount	No	Any number	12,2	Contains the extended State tax amount by line
lineCountryTaxAmount	No	Any number	12,2	Contains the extended Country tax amount by line
lineCityTaxAmount	No	Any number	12,2	Contains the extended City tax amount by line
lineOtherTaxAmount	No	Any number	12,2	Contains the extended Other tax amount by line
lineTaxPercent	No	Any number	1,5	Contains the percentage

				equivalent of the total line tax against the total order tax amount

Override Address

FIELD	REQUIRED	VALUE	MAX LENGTH	DESCRIPTION
address	Yes	N/A	N/A	It encapsulates either ship or bill to address.
name	Yes	Any string	50	Contains the customer name.
address1	Yes	Any string	50	Contains the customer first address line.
address2	No	Any string	50	Contains the customer second address line.
city	Yes	Any string	50	Contains the customer city.
state	Yes	Any string	2	Contains the customer state
zip	Yes	Any string	9	Contains the customer zip.
country_code	No	Any string	3	Contains the customer country code.
address_type	Yes	Any character	1	Indicates if it's a S=ship or B=bill to. Blank value assumes ship to.

Gateway Response API

This section describes the response returned by the gateway when submitted for processing. An XML is returned displaying the some common information, plus a record set with all matching records.

TAG NAME	DESCRIPTION
RESPONSE	Is the main tag of the xml, it encapsulates the entire return value
CODE	A numeric value indicating if there was an error or the execution was successful. 0=Error, 1=Success
DESCRIPTION	A readable text message with the value of "Success" or the error message otherwise
ORDER_NUMBER	The order number created as a result of a successful creation. The resulting XML won't include this tag if there was an error.

Samples

This is a sample of the request

```xml
<?xml version="1.0" encoding="UTF-8"?>
<order>
        <authentication>
                <username>XXUSER</username>
                <key_value>XXKEY</key_value>
        </authentication>
        <company>10</company>
        <division>50</division>
        <customer>WALMART</customer>
        <store>1</store>
        <currency>$</currency>
        <email>xxxx@yahoo.com</email>
        <contact_phone>(506) 8835-xxxx</contact_phone>
        <orderDate>20120115</orderDate>
        <startDate>20120115</startDate>
        <cancelDate>20120115</cancelDate>
        <customerPO>YOURPO#</customerPO>
        <special01>101</special01>
        <special02>102</special02>
        <special03>103</special03>
        <special04>104</special04>
        <discount>.05</discount>
        <bulkFlag></bulkFlag>
        <!-- details -->
        <details>
                <line>
                        <SKUNumber>100566</SKUNumber>
                        <style>AE234033</style>
                        <color>12MCL</color>
                        <size>34</size>
                        <price>10.99</price>
                        <quantity>12</quantity>
                </line>
        </details>
</order>
```

and this is the response back from the Gateway

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
        <CODE>1</CODE>
        <DESCRIPTION>Success</DESCRIPTION>
        <ORDER_NUMBER >358557</ ORDER_NUMBER >
</RESPONSE>
```

Or an error

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
        <CODE>0</CODE>
        <DESCRIPTION>Company # Required</DESCRIPTION>
</RESPONSE>
```

*Tested from http://www.ronlynn.com/RLMServices/sampleSalesOrder/TestClient.jsp