FDM Web API Feed

Specifications

Document preparation

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Document release

Version	Date released	Remarks	Modified By
1.0	14/02/2017	Release	Saroj Pokhrel

Signoff

User Authority	Signature	Title	Date

1> Despatch Request (940) Messaging Web API

The purpose of this web api is to consume FDM Web API to post data for 940 messaging.

Title	Web API to receive customer despatch request - Message 940
URL	**Test url**: https://my.fdm.com.au/TestWebAPI/api/ProcessXML940Messaging **Live url**: https://my.fdm.com.au/MyFdmWebAPI/api/ ProcessXML940Messaging
Method	HTTP POST
URL Parameter	Not required
Authentication	Username: Password:
Data Parameter	Response from body format Content-Type: text/xml; charset=utf-8

```xml
- <message_940>
    <messageNo>1464791767</messageNo>
    <customer_id>ABC</customer_id>
    <orderno>1082</orderno>
    <secondaryreference/>
    <order_date>17/5/2016</order_date>
    <order_type>Sales Order</order_type>
    <carrier/>
    <connote/>
    <thirdparty_connote/>
    <service_level/>
    <shipment_type/>
    <dispatch_method/>
    <invoice_amt>1</invoice_amt>
    <shipping_amt>0</shipping_amt>
    <gst_amt>2</gst_amt>
    <total_amt>2.093</total_amt>
    <order_currency/>
    <bill_to_customer_code/>
    <bill_to_company_name/>
    <bill_to_building_name>do not ship</bill_to_building_name>
    <bill_to_street_address>do not ship</bill_to_street_address>
    <bill_to_suburb/>
    <bill_to_state>AL</bill_to_state>
    <bill_to_post_code>12345</bill_to_post_code>
    <bill_to_country>New Zealand</bill_to_country>
    <bill_to_contact_name>Celigo test</bill_to_contact_name>
    <bill_to_contact_phone/>
    <ship_to_customer_code/>
    <ship_to_company_name/>
    <ship_to_building_name>do not ship</ship_to_building_name>
    <ship_to_street_address>do not ship</ship_to_street_address>
    <ship_to_suburb/>
    <ship_to_state>AL</ship_to_state>
    <ship_to_post_code>12345</ship_to_post_code>
    <ship_to_country>New Zealand</ship_to_country>
    <ship_to_contact_name>Celigo test</ship_to_contact_name>
    <ship_to_contact_phone/>
    <ship_to_contact_fax/>
    <ship_to_contact_email/>
    <delivery_instruction/>
    <picking_instruction/>
    <packing_instruction/>
    <freetext1/>
    <freetext2/>
    <freetext3/>
    <freetext4/>
  - <details>
      - <line>
          <lineno>1</lineno>
          <sku>Celigotest</sku>
          <description/>
          <qty>1</qty>
          <batch/>
          <serial_number/>
          <expirydate>01/07/2016</expirydate>
          <so_number/>
          <so_linenumber/>
          <total_value>2</total_value>
          <hts_code>No</hts_code>
          <hts_description/>
          <country_of_origin/>
          <dgclass/>
          <dg_unnumber/>
          <dg_weight>0.2</dg_weight>
        </line>
    </details>
  </message_940>
```

Success Response	HTTP/1.1 200 OK
	Content-Length: 3714
	Content-Type: application/xml; charset=utf-8
	Server: Microsoft-IIS/7.5
	Date: Tue, 07 Jun 2016 05:21:07 GMT

	``xml
	<message_940 xmlns:i="http://www.w3.org/2001/XMLSchema-instance" z:Id="i1" xmlns:z="http://schemas.microsoft.com/2003/10/Serialization/" xmlns="http://schemas.datacontract.org/2004/07/MyFdmWebAPI.Models.DataModel"><messageNo>1464791767</messageNo></message_940>
	``

Error Response	HTTP/1.1 500 Internal Server Error
	Content-Length: 3714
	Content-Type: application/xml; charset=utf-8
	Server: Microsoft-IIS/7.5
	Date: Tue, 07 Jun 2016 05:21:07 GMT

	``xml
	<string xmlns="http://schemas.microsoft.com/2003/10/Serialization/">DUPLICATE MESSAGE.</string>
	``

2> ASN (856) Messaging Web API

The purpose of this web api is to consume FDM Web API to post data for ASN 856 messaging.

Title	Web API to receive customer ASN file - Message 856
URL	**Test url**: https://my.fdm.com.au/TestWebAPI/api/ASN856Messaging
	Live url: https://my.fdm.com.au/MyFdmWebAPI/api/ASN856Messaging
Method	HTTP POST
URL Parameter	Not required
Basic Authentication	Username: Password:
Data Parameter	Request Body include below XML format Content-Type: text/xml; charset=utf-8

```xml
<?xml version="1.0" encoding="UTF-8"?>
<MESSAGE_856>
    <MESSAGENO>112378653</MESSAGENO>
    <CUSTOMER_ID>ABC</CUSTOMER_ID>
    <EXP_DATE_ARRIVAL>2017-02-24 00:09:00</EXP_DATE_ARRIVAL>
    <RECEIPT_TYPE>R1</RECEIPT_TYPE>
    <ASN_NUMBER>112378653</ASN_NUMBER>
    <SKU>
        <LINENO>1</LINENO>
        <SKU>8074</SKU>
        <DESCRIPTION>RE9 ADVANCED FIRMING BODY CREME U/C/A/E 6.7 FL OZ</DESCRIPTION>
        <QTY>360</QTY>
        <LOT>6257A02</LOT>
        <EXPIRYDATE>2018-09-13 00:00:00</EXPIRYDATE>
        <EXTERNLINENO>90720969</EXTERNLINENO>
        <PONUMBER>87657</PONUMBER>
        <POLINENUMBER>22.1</POLINENUMBER>
        <DELIVERYNO>112378644</DELIVERYNO>
        <LPN>1487835</LPN>
    </SKU>
</MESSAGE_856>
```

Success Response	HTTP/1.1 200 OK Content-Length: 435 Content-Type: text/xml; charset=utf-8 Server: Microsoft-IIS/7.5 Date: Mon, 23 Jan 2017 21:50:19 GMT `<MESSAGE_856 xmlns:i="http://www.w3.org/2001/XMLSchema-instance" z:Id="i1" xmlns:z="http://schemas.microsoft.com/2003/10/Serialization/" xmlns="http://schemas.datacontract.org/2004/07/MyFdmWebAPI.Models.DataModel"><ASN_NUMBER>112378653</ASN_NUMBER><CUSTOMER_ID>ABC</CUSTOMER_ID><EXP_DATE_ARRIVAL>2017-02-24T00:09:00</EXP_DATE_ARRIVAL><MESSAGENO>112378653</MESSAGENO><RECEIPT_TYPE>R1</RECEIPT_TYPE><SKU i:nil="true" /></MESSAGE_856>`
Error Response	HTTP/1.1 500 Internal Server Error Content-Length: 435 Content-Type: text/xml; charset=utf-8 Server: Microsoft-IIS/7.5 Date: Mon, 23 Jan 2017 21:50:19 GMT `<string xmlns="http://schemas.microsoft.com/2003/10/Serialization/">DUPLICATE MESSAGE.</string>`

3> SKU Master (888) Messaging Web API

The purpose of this web api is to consume FDM Web API to post data for SKU Master 888 messaging.

Title	Web API to receive customer ASN file - Message 856
URL	**Test url**: https://my.fdm.com.au/TestWebAPI/api/SkuMaster888Messaging **Live url**: https://my.fdm.com.au/MyFdmWebAPI/api/SkuMaster888Messaging
Method	HTTP POST
URL Parameter	Not required
Basic Authentication	Username: Password:
Data Parameter	Request Body include below XML format Content-Type: text/xml; charset=utf-8 <pre><?xml version="1.0" encoding="UTF-8"?>
- <message_888>
<messageno>yyyy</messageno>
<customer_id>ABC</customer_id>
<transactiondate>yyyy-mm-dd hh:nn:ss </transactiondate>
- <sku>
<EAN/>
</sku>
</message_888></pre>
Success Response	HTTP/1.1 200 OK Content-Length: 435 Content-Type: text/xml; charset=utf-8 Server: Microsoft-IIS/7.5 Date: Mon, 23 Jan 2017 21:50:19 GMT

<table>
<tr><td></td><td>

```
<message_888 xmlns:i="http://www.w3.org/2001/XMLSchema-
instance" z:Id="i1"
xmlns:z="http://schemas.microsoft.com/2003/10/Serializa
tion/"
xmlns="http://schemas.datacontract.org/2004/07/MyFdmWeb
API.Models.DataModel"><messageno>yyyy</messageno></messa
ge_888>
```

</td></tr>
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Error Response

</td><td>

HTTP/1.1 500 Internal Server Error
Content-Length: 435
Content-Type: text/xml; charset=utf-8
Server: Microsoft-IIS/7.5
Date: Mon, 23 Jan 2017 21:50:19 GMT

```
<string
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">
DUPLICATE MESSAGE.</string>
```

</td></tr>
</table>

1> GetInventoryAvailable

Title	Web API to get Inventory list
URL	Test url: https://my.fdm.com.au/TestWebAPI/api/GetInventoryAvailable
Method	GET api/GetInventoryAvailable
URI Parameter	None
Basic Authentication	Username: Password:
Body Parameter	Response from body format Content-Type: application/xml ``` <?xml version="1.0"?> - <skuList> <customer_id>JAMBERRY</customer_id> <Request_Date> </Request_Date> - <details> <sku/> <sku/> </details> </skuList> ```
Response Format	XML string will be returned

<table>
<tr><td>

```xml
<?xml version="1.0"?>
- <StockLevel>
      <customer_id>JAMBERRY</customer_id>
      <Request_Date> </Request_Date>
   - <details>
      - <line>
            <sku/>
            <availableQty> 10 </availableQty>
        </line>
      - <line>
            <sku/>
            <availableQty> 10 </availableQty>
        </line>
     </details>
  </StockLevel>
```

</td></tr>
</table>

Error Response	HTTP/1.1 401 Unauthorized Content-Type: text/html Server: Microsoft-IIS/7.5 WWW-Authenticate: Basic realm="my.fdm.com.au" X-Powered-By: ASP.NET Date: Mon, 27 Jun 2016 03:29:02 GMT Content-Length: 1293