

## Freight & Distribution Management (FDM)

6a Wonderland Drive

Eastern Creek, NSW 2766

Phone: 02 88820400



# FDM Web API Feed

## Specifications

---



## Document preparation

<b>Author</b>	Saroj Pokhrel
<b>Department</b>	Information Technology

## Document release

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

## Signoff

<b>User Authority</b>	<b>Signature</b>	<b>Title</b>	<b>Date</b>



## 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.

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

## Freight & Distribution Management (FDM)

6a Wonderland Drive

Eastern Creek, NSW 2766

Phone: 02 88820400



```
- <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>
```

## Freight & Distribution Management (FDM)

6a Wonderland Drive  
Eastern Creek, NSW 2766  
Phone: 02 88820400



<b>Success Response</b>	<p>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</p> <pre>&lt;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"&gt;&lt;messageNo&gt;1464791767&lt;/messageNo&gt;&lt;/message_940&gt;</pre>
<b>Error Response</b>	<p>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</p> <pre>&lt;string xmlns="http://schemas.microsoft.com/2003/10/Serialization/"&gt; DUPLICATE MESSAGE.&lt;/string&gt;</pre>

## 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.

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

## Freight & Distribution Management (FDM)

6a Wonderland Drive  
Eastern Creek, NSW 2766  
Phone: 02 88820400



	<pre>&lt;?xml version="1.0" encoding="UTF-8"?&gt; - &lt;MESSAGE_856&gt;   &lt;MESSAGEENO&gt;112378653&lt;/MESSAGEENO&gt;   &lt;CUSTOMER_ID&gt;ABC&lt;/CUSTOMER_ID&gt;   &lt;EXP_DATE_ARRIVAL&gt;2017-02-24 00:09:00&lt;/EXP_DATE_ARRIVAL&gt;   &lt;RECEIPT_TYPE&gt;R1&lt;/RECEIPT_TYPE&gt;   &lt;ASN_NUMBER&gt;112378653&lt;/ASN_NUMBER&gt; - &lt;SKU&gt;   &lt;LINENO&gt;1&lt;/LINENO&gt;   &lt;SKU&gt;8074&lt;/SKU&gt;   &lt;DESCRIPTION&gt;RE9 ADVANCED FIRMING BODY CREME U/C/A/E 6.7 FL OZ&lt;/DESCRIPTION&gt;   &lt;QTY&gt;360&lt;/QTY&gt;   &lt;LOT&gt;6257A02&lt;/LOT&gt;   &lt;EXPIRYDATE&gt;2018-09-13 00:00:00&lt;/EXPIRYDATE&gt;   &lt;EXTERNLINENO&gt;90720969&lt;/EXTERNLINENO&gt;   &lt;PONUMBER&gt;87657&lt;/PONUMBER&gt;   &lt;POLINENUMBER&gt;22.1&lt;/POLINENUMBER&gt;   &lt;DELIVERYNO&gt;112378644&lt;/DELIVERYNO&gt;   &lt;LPN&gt;1487835&lt;/LPN&gt; &lt;/SKU&gt; &lt;/MESSAGE_856&gt;</pre>
Success Response	<p>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</p> <pre>&lt;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" e1"&gt;&lt;ASN_NUMBER&gt;112378653&lt;/ASN_NUMBER&gt;&lt;CUSTOMER_ID&gt;ABC&lt;/CUSTOMER_ID&gt;&lt;EXP_ DATE_ARRIVAL&gt;2017-02- 24T00:09:00&lt;/EXP_DATE_ARRIVAL&gt;&lt;MESSAGEENO&gt;112378653&lt;/MESSAGEENO&gt;&lt;RECEIPT_TY PE&gt;R1&lt;/RECEIPT_TYPE&gt;&lt;SKU i:nil="true" /&gt;&lt;/MESSAGE_856&gt;</pre>
Error Response	<p>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</p> <pre>&lt;string xmlns="http://schemas.microsoft.com/2003/10/Serialization/" "&gt; DUPLICATE MESSAGE.&lt;/string&gt;</pre>



### 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.

<b>Title</b>	Web API to receive customer ASN file - Message 856
<b>URL</b>	<b>Test url:</b> <a href="https://my.fdm.com.au/TestWebAPI/api/SkuMaster888Messaging">https://my.fdm.com.au/TestWebAPI/api/SkuMaster888Messaging</a> <b>Live url:</b> <a href="https://my.fdm.com.au/MyFdmWebAPI/api/SkuMaster888Messaging">https://my.fdm.com.au/MyFdmWebAPI/api/SkuMaster888Messaging</a>
<b>Method</b>	HTTP POST
<b>URL Parameter</b>	Not required
<b>Basic Authentication</b>	Username: Password:
<b>Data Parameter</b>	Request Body include below XML format Content-Type: text/xml; charset=utf-8 <pre> &lt;?xml version="1.0" encoding="UTF-8"?&gt; - &lt;message_888&gt;   &lt;messageno&gt;yyyy&lt;/messageno&gt;   &lt;customer_id&gt;ABC&lt;/customer_id&gt;   &lt;transactiondate&gt;yyyy-mm-dd hh:nn:ss &lt;/transactiondate&gt; - &lt;sku&gt;   &lt;sku/&gt;   &lt;description/&gt;   &lt;sku_type/&gt;   &lt;EAN/&gt;   &lt;serial_flag/&gt;   &lt;cube/&gt;   &lt;weight/&gt;   &lt;velocity/&gt;   &lt;pieces_per_carton/&gt;   &lt;pieces_per_pallet/&gt;   &lt;min_qty/&gt;   &lt;max_qty/&gt;   &lt;batch_flag/&gt;   &lt;expirydate_flag/&gt;   &lt;dg_flag/&gt;   &lt;dg_class/&gt;   &lt;dg_uncode/&gt;   &lt;dg_weight/&gt;   &lt;dg_HTS_code/&gt;   &lt;dg_HTS_descr/&gt;   &lt;/sku&gt; &lt;/message_888&gt;                     </pre>
<b>Success Response</b>	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

## Freight & Distribution Management (FDM)

6a Wonderland Drive  
Eastern Creek, NSW 2766  
Phone: 02 88820400



	<pre>&lt;message_888 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"&gt;&lt;messageno&gt;yyy&lt;/messageno&gt;&lt;/message_888&gt;</pre>
<b>Error Response</b>	<p>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</p> <pre>&lt;string xmlns="http://schemas.microsoft.com/2003/10/Serialization/"&gt; DUPLICATE MESSAGE.&lt;/string&gt;</pre>

### 1> GetInventoryAvailable

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



## Freight & Distribution Management (FDM)

6a Wonderland Drive

Eastern Creek, NSW 2766

Phone: 02 88820400



	<pre>&lt;?xml version="1.0"?&gt; - &lt;StockLevel&gt;   &lt;customer_id&gt;JAMBERRY&lt;/customer_id&gt;   &lt;Request_Date&gt; &lt;/Request_Date&gt;   - &lt;details&gt;     - &lt;line&gt;       &lt;sku/&gt;       &lt;availableQty&gt; 10 &lt;/availableQty&gt;     &lt;/line&gt;     - &lt;line&gt;       &lt;sku/&gt;       &lt;availableQty&gt; 10 &lt;/availableQty&gt;     &lt;/line&gt;   &lt;/details&gt; &lt;/StockLevel&gt;</pre>
<b>Error Response</b>	<p>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</p>