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# FEMSA\_ENRED\_IN – API to Send Documents to Central

## Aim

The purpose of the FEMSA\_ENRED\_IN interface is to manage the reception of input documents to Central systems.Communication is done through messaging through APIs and the POS / Digital Channels communication module. The FEMSA\_ENRED\_IN of the Inbound flow is responsible for processing the incoming documents.

This interface has 3 particular services which have the function of recovering the frequency, sending and confirmation of each of the documents required from the POS systems by Central. The services are described below:

* **posConfig**allows you to recover the periodicity of the documents that will be sent from the POS systems to the Central systems, for them it is necessary to consume the following API**/documents/schedules**, said API requires the following elements:
  + Requires a Bearer Token, said token is generated through the OAuth Integration service (See Annexes/Authentication/Bearer Token)
  + Requires adding the following Headers

|  |  |
| --- | --- |
| **Tracking-Id** | (Required) Unique identifier used for traceability of the request. |
| **Channel-Id** | (Required) Service consumption channel. Examples - WEB|MOBILE|APP|POS. |
| **Country-Code** | (Required) Country from which the request is executed. Examples - MX|US|CO|CL|BR. |
| **Language** | (Required) Supported language of the content. Example - SPA = Spanish (Only supported). |
| **x-Gateway-APIKey** | (Required) unique identifier used to identify an application or user. API Key is obtained by subscribing to the API. |

* + Requires sending a body in JSON format with the following elements

|  |  |  |
| --- | --- | --- |
| **departmentId** | field that helps us identify the store square | The value sent must be 5 characters |
| **storeId** | field that identifies the store | The value sent must be 5 characters |
| **source** | field that identifies the system | The value sent must be 3 characters maximum |

**Example:**

{

"departmentId":"10MAN",

"storeId":"504LX",

"source":"POS"

}

When completing the request, the service will return a JSON that will contain the information of the periodicity in which the documents need to be sent, this JSON will contain the following structure

|  |  |  |
| --- | --- | --- |
| **code** | Field that indicates the status of the request sent | See Annex/List of Status/Message Codes |
| **message** | Field through which the message of the result obtained is returned |  |
| **departmentId** | Field to identify the Square | The value received must be 5 characters |
| **storeId** | Field to identify the Store | The value received must be 5 characters |
| **eventDate** | Field that identifies the date at the time it is processed | YYYY-MM-DDTHH24:MI:SSZ |
| **scheduled** | List of periods per document that have to be sent from POS/Central | Array Type |
| **fileType** | Identifies the document that will be sent | INV, SAL, TIC, HEF, etc. |
| **cron** | CRON expression field to determine periodicity | https://crontab.cronhub.io/ |
| **priority** | Identifies the priority in which documents must be sent | High, Medium, Low |

**Example:**

{

"code":"X200101",

"message":"Action executed successfully",

"departmentId":"10MAN",

"storeId":"504LX",

"eventDate":"2024-06-17T15:43:11Z",

"schedules":[

{

"fileType":"ADJ",

"chron":"0 15/30 \* \* \* ?",

"priority":"High"

}

]

}

* **Inbound**allows you to send the documents that will be generated from the POS systems, these documents will contain the daily information that the POS systems process (Inventories, Sales, Tickets, etc.), for them it is necessary to consume the following API**/documents/uploads**, said API requires the following elements:
  + Requires a Bearer Token, said token is generated through the OAuth Integration service (See Annexes/Authentication/Bearer Token)
  + Requires adding the following Headers

|  |  |
| --- | --- |
| Tracking-Id | (Required) Unique identifier used for traceability of the request. |
| Channel-Id | (Required) Service consumption channel. Examples - WEB|MOBILE|APP|POS. |
| Country-Code | (Required) Country from which the request is executed. Examples - MX|US|CO|CL|BR. |
| Language | (Required) Supported language of the content. Example - SPA = Spanish (Only supported). |
| x-Gateway-APIKey | (Required) unique identifier used to identify an application or user. API Key is obtained by subscribing to the API. |

* + Requires sending a body in JSON format with the following elements

|  |  |  |
| --- | --- | --- |
| **departmentId** | Field that helps us identify the store square | The value sent must be 5 characters |
| **storeId** | Field that identifies the store | The value sent must be 5 characters |
| **source** | Field that identifies the system | The value sent must be 3 characters maximum |
| **fileType** | Field that identifies the type of document being sent | The value sent must be 3 characters |
| **eventDate** | Field that identifies the date at the time they are sent | YYYY-MM-DDTHH24:MI:SSZ |
| **documents** | List of documents that will be processed by the service | Array Type |
| **mimeType** | Identifies the format in which the document is sent | The default value to be sent is file/zip |
| **yam** | Name that identifies the document being sent | The name is made up of   * 3 characters that identify the document (INV, SAL, TIC, etc.) * 5 characters that identify the square * 5 characters that identify the store * 12 characters that identify the date in the following format YYMMDDHHMISS   **NOTE:**Only TIC documents can send 4 additional digits to identify the sequence of Tickets generated simultaneously by the store |
| **version** | Identifies the version of the document that is being sent, this version may change according to the number of times the same document is sent. | Integer format, initial value 1 |
| **data** | The data corresponds to the document that is in GZIP format, to which an encode64 is applied | It must be sent in encode64 format |

**Example:**

{

"departmentId":"10MAN",

"storeId":"504LX",

"source":"CT",

"fileType":"INV",

"eventDate":"2024-05-29T11:32:28Z",

"documents":[

{

"mimeType":"file/zip",

"yam":"INV10MAN504LX240614080504.json",

"version":"1",

"data":"H4sICP1ebGYEAElOVjEwTUFONTA0TFgyNDA1MjkyMDE0MzguanNvbgB1kVFLwzAUhZ8d7D+UPruRxVWpb2NzMHCbbC8F8SFrrxpski25KVbZfzdNU6nI8hK43znn3pt8DwdRFCv9xiT/YsiVnCsrUdf xfRSvs/j6H98wAQ1cPqz3s2iuBOicqyA8WMMlGNOJtlm2DaiAI9MoQOKqaNCErGebwAwqD W05IdPHrLOo3PYMN2maJgFJKw6gt687yJUujOcBHd9rw3NWrmTlvKpdZRkg74oLQMZLh55d 3R33EFeOC1VB03LB0C9ACZ2OSDKiqQvwipNlEjnWvuWYEB/sTrMGnCzIHDzq9Mg+56poa7d/9 RxB7D9sg+4SQhM6oT2q/YRPmofAZEyduYW/IlYILrlB7f6mgstTo0JW7vqJIbBNOjfXy3Bw/g GTVhZSEAIAAA"

}

]

}

Heservice will respond to us with the following structure:

|  |  |  |
| --- | --- | --- |
| **code** | Field that indicates the status of the request sent | Annex/Status List/Message Codes |
| **message** | Field through which the error message obtained is returned |  |
| **eventDate** | Field that identifies the date at the time it is processed | YYYY-MM-DDTHH24:MI:SSZ |
| **documents** | List of documents and status per document processed by Central | Array Type |
| **yam** | Identifies the name of the document that was processed by Central |  |
| **status** | Execution Status | See Annexes/ |
| **version** | Identifies the version of the document |  |
| **statusDescription** | Description of the result that occurred when I process the document |  |

**Example:**

{

"code":"X500199",

"message":"Internal server error has occurred, please try again later.",

"eventDate":"2024-05-29T11:32:28Z",

"documents":[

{

"yam":"INV10MAN504LX240614080504.json",

"status":"D",

"version":"1",

"statusDescription":"The document and version sent already exist"

}

]

}

* **confirmFiles**allows you to recover the status of the documents that were sent from the POS systems to the Central systems, for them it is necessary to consume the following API**/documents/confirmations**, said API requires the following elements:
  + Requires a Bearer Token, said token is generated through the OAuth Integration service (See Annexes/Authentication/Bearer Token)
  + Requires adding the following Headers

|  |  |
| --- | --- |
| Tracking-Id | (Required) Unique identifier used for traceability of the request. |
| Channel-Id | (Required) Service consumption channel. Examples - WEB|MOBILE|APP|POS. |
| Country-Code | (Required) Country from which the request is executed. Examples - MX|US|CO|CL|BR. |
| Language | (Required) Supported language of the content. Example - SPA = Spanish (Only supported). |
| x-Gateway-APIKey | (Required) unique identifier used to identify an application or user. API Key is obtained by subscribing to the API. |

* + Requires sending a body in JSON format with the following elements

|  |  |  |
| --- | --- | --- |
| **departmentId** | Field that helps us identify the store square | The value sent must be 5 characters |
| **storeId** | Field that identifies the store | The value sent must be 5 characters |
| **source** | Field that identifies the system | The value sent must be 3 characters maximum |
| **fileType** | Field that identifies the type of document being sent | The value sent must be 3 characters |
| **documents** | List of documents that will be processed by the service | Array Type |
| **yam** | Name that identifies the document being sent | The name is made up of   * 3 characters that identify the document (INV, SAL, TIC, etc.) * 5 characters that identify the square * 5 characters that identify the store * 12 characters that identify the date in the following format YYMMDDHHMISS   **NOTE:**Only TIC documents can send 4 additional digits to identify the sequence of Tickets generated simultaneously by the store |
| **version** | Identifies the version of the document that is being sent, this version may change according to the number of times the same document is sent. | Integer format, initial value 1 |

**Example:**

{

"departmentId":"10MON",

"storeId":"50VID",

"source":"POS",

"fileType":"SALT",

"documents":[

{

"yam":"SAL10MON50VID240514220347.json",

"version":"1"

},

{

"yam":"SAL10MON50VID240515220347.json",

"version":"1"

}

]

}

The service will respond to us with the following information

|  |  |  |
| --- | --- | --- |
| **code** | Field that indicates the status of the request sent | Annex/Status List/Message Codes |
| **message** | Field through which the error message obtained is returned |  |
| **fileType** | Field that identifies the group of documents sent to the service | SAL, ICT, HEF, etc. |
| **documents** | List of documents and status per document processed by Central | Array Type |
| **yam** | Identifies the name of the document that was processed by Central |  |
| **status** | Execution Status | See Annexes/ |

**Example:**

{

"code":"X200101",

"message":"Action executed successfully",

"fileType":"SALT",

"documents":[

{

"yam":"SAL10MON50VID240514220347.json",

"status":"Y"

}

]

}

FEMSA\_ENRED\_OUT – API to Download Documents to POS

objective

The objective of the FEMSA\_ENRED\_OUT interface is to allow POS systems to download information from Central systems. Communication is done through API messaging and the POS/DIGITAL CHANNELS communication module. The FEMSA\_ENRED\_OUT of the outbound flow is responsible for downloading documents from Central systems.

This interface has 3 particular services which have the function of retrieving pending documents, downloading and confirming each of the documents required from the POS systems by Central. The services are described below:

• LISP allows retrieving the list of pending documents to be downloaded in POS from Central systems, for this it is necessary to consume the following API /documents, said API requires the following elements:

* + Requires a Bearer Token, said token is generated through the OAuth Integration service (See Annexes/Authentication/Bearer Token)
  + Requires adding the following Headers

|  |  |
| --- | --- |
| Tracking-Id | (Required) Unique identifier used for request traceability. |
| Channel-Id | (Required) Service consumption channel. Examples - WEB|MOBILE|APP|POS. |
| Country-Code | (Required) Country from which the request is being executed. Examples - MX|US|CO|CL|BR. |
| Language | (Required) Supported language of the content. Example - SPA = Spanish (Only supported). |
| x-Gateway-APIKey | (Required) unique identifier used to identify an application or user. API Key is obtained by subscribing to the API. |

* + Requires sending a body in JSON format with the following elements

|  |  |  |
| --- | --- | --- |
| **departmentId** | field that helps us identify the location of the store | The value sent must be 5 characters |
| **storeId** | field that identifies the store | The value sent must be 5 characters |
| **source** | field that identifies the system | The value sent must be 3 characters maximum |

**Example:**

{

"departmentId":"10MAN",

"storeId":"504LX",

"source":"POS"

}

The answer that would return to us is the following

|  |  |  |
| --- | --- | --- |
| **code** | Field indicating the status of the request sent | Annex/List of Status/Message Codes |
| **message** | Field through which the obtained message is returned |  |
| **maxFiles** | Field that indicates the maximum amount that can be downloaded simultaneously by the OUTBOUND service |  |
| **documents** | List of documents and status per document processed by Central | Array Type |
| **yam** | Identifies the name of the document that is pending download by the POS system |  |
| **mimeType** | Field that identifies the format in which the document is found | File/zip |
| **size** | Size in bits corresponding to the pending document |  |
| **fileType** | Identifies the type of document that is pending download | ITM, PRM, ILS, etc. |
| **numberOfRecords** | Number of records contained in the document to be downloaded |  |
| **priority** | Priority or urgency with which the document should be downloaded |  |

**Example:**

{

"code":"X200101",

"message":"Action executed successfully",

"maxFiles":"3",

"documents":[

{

"yam":"EXR10MAN507VH240701100023.json.gz",

"mimeType":"file/zip",

"size":"304",

"fileType":"EXR",

"numberOfRecords":1,

"priority":"6"

}

]

}

* + **Outbound allows downloading documents that will be generated from the Central systems. These documents will contain the daily information that the POS systems must update (Item Catalog, Promotions, Supplier List, etc.). To do this, it is necessary to use the following API /documents/downloads. This API requires the following elements:**
  + **Requires a Bearer Token. This token is generated through the OAuth Integration service (See Annexes/Authentication/Bearer Token)**
  + **Requires adding the following Headers**

|  |  |
| --- | --- |
| Tracking-Id | (Required) Unique identifier used for request traceability. |
| Channel-Id | (Required) Service consumption channel. Examples - WEB|MOBILE|APP|POS. |
| Country-Code | (Required) Country from which the request is executed. Examples - MX|US|CO|CL|BR. |
| Language | (Required) Supported language of the content. Example - SPA = Spanish (Only supported). |
| x-Gateway-APIKey | (Required) Unique identifier used to identify an application or user. API Key is obtained by subscribing to the API. |

* + Requires sending a body in JSON format with the following elements

|  |  |  |
| --- | --- | --- |
| **departmentId** | Field that helps us identify the store location | The value sent must be 5 characters |
| **storeId** | Field that identifies the store The value sent must be 5 characters | Field that identifies the store The value sent must be 5 characters |
| **source** | Field that identifies the system The value sent must be 3 characters maximum | Field that identifies the system The value sent must be 3 characters maximum |
| **documents** | List of documents that will be downloaded by the Array Type service | List of documents that will be downloaded by the Array Type service |
| **yam** | Name that identifies the document that will be downloaded | The name is made up of  • 3 characters that identify the document (ITM, PRM, ILS, ASN, etc.)  • 5 characters that identify the location  • 5 characters that identify the store  • 12 characters that identify the date in the following format YYMMDDHHMISS |
| **fileType** | Identify the type of document that will be downloaded | ITM, PRM, ILS, ASN, etc. |

**Example:**

{

"departmentId":"10CTG",

"storeId":"54PZN",

"source":"CT",

"documents":

[

{

"yam":"ITM10CTG54PZN231214150400.json.gz",

"fileType":"ITM"

},

{

"yam":"ITM10CTG54PZN231214150414.json.gz",

"fileType":"ITM"

}

]

}

The response that the service will give us is the following:

|  |  |  |
| --- | --- | --- |
| **code** | Field indicating the status of the request sent Annex/Status List/Message Codes | Field indicating the status of the request sent Annex/Status List/Message Codes |
| **message** | Field through which the error message obtained is returned |  |
| **documents** | List of documents and status per document processed by Central | Array Type |
| **yam** | Identifies the name of the document that is pending download by the POS system |  |
| **mimeType** | Field that identifies the format in which the document is found | File/zip |
| **fileType** | Identifies the type of document that is pending download | ITM, PRM, ILS, etc. |
| **status** | Execution Status | See Annexes/ |
| **data** | This field contains the document transformed with Encode64 |  |

**Example:**

{

"code":"X200101",

"message":"Action executed successfully",

"documents":[

{

"mimeType":"file/zip",

"yam":"ILS10MAN507VH240702160711.json.gz",

"fileType":"ILS",

"status":"AND",

"data":"H4sIAAAAAAAAAO2VXW+bMBSG7/srrFw3kiEEmtxlCdPQSqgg6zJNu3DAa60aG9mmEqv632sw0JCsSietqiYNbsh5z8fD8Zvk4QyAERc3iJFfSBHOlrxkSlQjMAejcDs6P9TXKMeN+NEPkwVY 8hyLlHCTKDHLsAiyJiHefI7DxAi7UhKGpeyro+02MlLG0zLHTAWrRgguEwuGi/UUetefbAd60LZc6FmWyaY8bTDaGY7jTFyjsDLfYRH9jHHKRSYbedJhIZHetiXwhWs/dYWUwbSh7YyhN4Y2sNw5 9OYdR4YVIrTO+Q4edKBG02+4biCaUpOo40ThPLkrm6D+7E2hO4GuY009b9rlFILkSFQxLihmRN7WC 0nKoqCk7WbDC7dLVpxigViKr/TqdSK6MbBT2GV0W9pUhZGSTslwgYSq2xvIC6vnTCmScoguy93yOC qwXrAm2FEcsIzoUdxAfnuuM+j9cX9ZB5f+tR+DlQ9CfxssI5DUzzGwYLDejHsGJATpHMRKSofxBSVIHkgZpuQei2pD2lnwmfOeSL0FvSbCzeF7nVYyomSCKD7oVggsdTRRPL0bdqt7qRWqzDKg pe/eNqawbjdcyKHale8NlPWkK8FzXh/YEU0bD1g9Wx3TtrrPst/IlEvVvaNm0cHH8xfcap9yq+N41h+4dWa/gVv1N+a9zRp9iP+iV/ekY7Puia916540sOuw5F/26eSUT/V /xezVPp2ZC8JTbh3AHrj16zv/toacKSwErkBU6Mq0Pp7/Fn17i4IfZ49Pok0bzT8JAAA="

}

]

}

**• ACK allows sending the status of documents that were received and processed in the POS systems to the Central systems. To do this, it is necessary to consume the following API /documents/acknowledgements. This API requires the following elements:**Requires a Bearer Token, said token is generated through the OAuth Integration service (See Annexes/Authentication/Bearer Token)

* + Requires adding the following Headers

|  |  |
| --- | --- |
| Tracking-Id | (Required) Unique identifier used for request traceability. |
| Channel-Id | (Required) Service consumption channel. Examples - WEB|MOBILE|APP|POS. |
| Country-Code | (Required) Country from which the request is executed. Examples - MX|US|CO|CL|BR. |
| Language | (Required) Supported language of the content. Example - SPA = Spanish (Only supported). |
| x-Gateway-APIKey | (Required) Unique identifier used to identify an application or user. API Key is obtained by subscribing to the API. |

* + Requires sending a body in JSON format with the following elements

|  |  |  |
| --- | --- | --- |
| **departmentId** | Field that helps us identify the store location The value sent must be 5 characters | Field that helps us identify the store location The value sent must be 5 characters |
| **storeId** | Field that identifies the store The value sent must be 5 characters | Field that identifies the store The value sent must be 5 characters |
| **source** | Field that identifies the system The value sent must be 3 characters maximum | Field that identifies the system The value sent must be 3 characters maximum |
| **documents** | List of documents that will be processed by the Type Array service | List of documents that will be processed by the Type Array service |
| **eventDate** | Contains the date on which the document was processed | Contains the date on which the document was processed |
| **fileType** |  |  |
| **yam** | Name that identifies the document that was processed | The name is made up of  • 3 characters that identify the document (INV, SAL, TIC, etc.)  • 5 characters that identify the location  • 5 characters that identify the store  • 12 characters that identify the date in the following format YYMMDDHHMISS |
| **status** | Identifies the status that will be assigned to the document within the Central systems | Valid status to send  P => Processed  X => Error processing document in POS system  R => Request to resend the document again |

**Example:**

{

"departmentId":"10MAN",

"storeId":"50I85",

"source":"CT",

"documents":[

{

"eventDate":"2023-12-07T15:57:45Z",

"fileType":"ITM",

"yam":"ITM10MAN50I85231201160857.json.gz",

"status":"R"

}

]

}

The response received by the service is as follows:

|  |  |  |
| --- | --- | --- |
| **code** | Displays the code obtained when processing the request |  |
| **message** | Field that displays the message of the result of document processing |  |

**Example:**

{

"code":"X200101",

"message":"Action executed successfully"

}

# CENTRAL – POS documents

### ITM Items Catalogs

### Aim

The purpose of this interface is to send the information related to Retek items (RMS10 and RMS16) to POS.

The ITM document is used to load the item catalog

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 standard: Codes for the representation of names of countries and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Name of the business. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse identifier assigned by the business. | 5 | String | 50EDI |
| numberOfRecords | Number of records | 5 | Integer | 12 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests send the value of the "searchId" field returned from the last catalog response. | 24 | String | 0 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 07/21/2023 5:32 |
| items | Item array |  |  |  |
| lineNumber | Consecutive representing the item record. |  | String | 1 |
| code | Item key | 6 | String | 0 |
| sku | SKU (Barcode) | 16 | String | 1271026683 |
| supplierCode | supplier key | 5 | String | 0 |
| shortDescription | Short description of the item. Used on sales ticket | 25 | String | GUM REMOVER 1PC |
| piecesPerPackage | No. of pieces per package | 4 | String | 0 |
| taxRate | Tax Rate(VAT) | 5 | String | 00.00 |
| afeGpo | Obsolete afeGpo field will be purged in the next version of the operation. | 2 | String | (EMPTY) |
| paiCode | Obsolete paiCode field will be purged in the next version of the operation. | 3 | String | (EMPTY) |
| famCode | Obsolete famCode field will be purged in the next version of the operation. | 3 | String | (EMPTY) |
| salePrice | Sales Price. Net sales price with taxes included. | 9 | String | (EMPTY) |
| costPrice | Cost Price. It is a Gross cost (without taxes and without discounts; Net Cost for Chile) and is only sent for products with direct supplier assortment. | 9 | String | 000000.00 |
| status | Item Status  Price Control | 1 | String | “1”. Active (Sale, Purchase) |
| “3”. Inactive (All transactions, except goods receipt) |
| “4”. Eliminated (No Sale, No Purchase) |
| priceControl | Obsolete unitMeasure field will be purged in the next version of the operation. | 1 | String | 0 |
| unitMeasure | Sales Restriction | 2 | String | (EMPTY) |
| saleRestriction | Key No. | 1 | String | AND |
| keyNumber | Obsolete isps field will be purged in the next version of the operation. | 2 | String | 0 |
| isps | Obsolete facDes field will be purged in the next version of the operation. | 6 | String | (EMPTY) |
| facDes | Obsolete decimal field will be purged in the next version of the operation. | 6 | String | (EMPTY) |
| decimal | Movement Key | 1 | String | (EMPTY) |
| movementCode | Obsolete afeGpo field will be purged in the next version of the operation. | 1 | String | "TO". Add New (article registration) |
| - “P”. Price Change |
| - “B”. Delete record (Logical delete) |
| - “C”. Change |
| movementFolio | Movement folio | 6 | String | 0 |
| previousSaleDate | Previous Sale Price. Net sale price with taxes included | 9 | String | 000000.00 |
| cedisSupplier | CEDIS supplier | 4 | String | 0 |
| unitOfMeasure | Unit of Measurement | 4 | String | EA |
| saleTaxCode | Sales Tax Code | 6 | String | “EXE” – Exempt |
| -“IVA\_DF” – VAT tax debit |
| subcategory | Subcategory | 4 | String | 9001 |
| segment | Segment | 4 | String | 1 |
| subsegment | Subsegment | 4 | String | 1 |
| effectiveDate | Effective date |  | date | 12/12/2018 |
| movementInternalFolio | Internal Movement folio in Retek for the generated change | 14 | String | 191163 |
| transactionalLevel | Transactional level  Item type | 3 | String | “REF”. Lower-than-transaction-level item |
| - “ITM”. Transaction level item |
| - NULL. Transaction level item |
| type | Returnable item indicator for CEDIS | 6 | String | “EAN13” |
| returnableIndicator | Rounding | 1 | String | (N,Y,null) |
| rounding | Obsolete fpgUds field will be purged in the next version of the operation. | 3 | String | (0.50,null) |
| fpgUds | Obsolete fpgCtd field will be purged in the next version of the operation. | 7 | String | (EMPTY) |
| fpgCtd | Type of merchandise | 10 | String | (EMPTY) |
| merchandiseType | Movement folio | 6 | String | “CINTER” – Internal Consumption |
| - “VIRTUA” - Virtual product |
| - “GIFCAR” - Giftcards |
| longDescription | Long Description | 100 | String | DONITAS CHOCOLATE HOSTESS BAG 305 GR |
| shrinkageType | Type of loss | 1 | String | (N,Y,null) |
| pricePerPackage | Price per package | 9 | String | 0.0000 |
| unitQuantity | Unit quantity | 7 | String | 0.0000 |
| taxValue | Tax value | 5 | String | 0.0000 |
| skuFactor | SKU factor (for item types Commission, Product, Service) | 7 | String | 0.0001 |
| maxUnits | Maximum unit of the item | 4 | String | 0 |
| assortmentLine | Assortment line | 2 | String | 0 |
| replenishmentDate | Item replenishment date |  | date | 01/03/2023 |
| assortmentFrequency | Obsolete assortmentFrequency field will be purged in the next version of the operation. | 10 | String | (EMPTY) |
| diasfre | Obsolete diasfre field will be purged in the next version of the operation. | 12 | String | (EMPTY) |
| isAssortment | Binary value of an item's assortment | 1 | String | 1 |
| isSalable | Binary value if an item is salable | 1 | String | 1 |
| transactionType | Transaction type | 2 | String | 11 |
| returnPeriod | Return period | 5 | String | 0.0000 |
| returnReasonCode | Return reason code | 2 | String | 7 |
| returnMaxUnits | Maximum return measurement unit | 5 | String | 0.0000 |
| effectiveStartDate | Validity start date |  | date | 01/02/2023 |
| effectiveEndDate | Validity end date |  | date | 01/03/2023 |
| shortTae | Obsolete shortTae field will be purged in the next version of the operation. |  | String | (EMPTY) |
| parentSKU | Relationship to item with a parent SKU | 16 | String | 1010101 |
| category | Category | 17 | String | M(Wallet),F(Fintech),O(Osabor),X(Regular) |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10ZAI",

"storeId":"50EDI",

"numberOfRecords":"1",

"searchId":"000000000000000000000000",

"searchDate":"2023-11-07 22:47:42",

"items":[

{

"lineNumber":"1",

"code":"000000",

"sku":"60214",

"supplierCode":"00000",

"shortDescription":**null**,

"piecesPerPackage":"0000",

"taxRate":"00.00",

"afeGpo":"00",

"paiCode":"000",

"famCode":"000",

"salePrice":"000000.00",

"costPrice":"000000.00",

"priceControl":"0",

"unitMeasure":" ",

"saleRestriction":"AND",

"keyNumber":"00",

"isps":"0.0000",

"facDes":"1.0000",

"decimal":"F",

"movementCode":"C",

"movementFolio":"000000",

"previousSaleDate":"000000.00",

"cedisSupplier":"0000",

"unitOfMeasure":**null**,

"saleTaxCode":**null**,

"subcategory":**null**,

"segment":**null**,

"subsegment":**null**,

"effectiveDate":"20230901",

"movementInternalFolio":"230104",

"transactionalLevel":"ITM",

"type":**null**,

"returnableIndicator":**null**,

"rounding":" ",

"fpgUds":"0000.00",

"fpgCtd":"0000.00000",

"merchandiseType":**null**,

"longDescription":**null**,

"shrinkageType":**null**,

"pricePerPackage":**null**,

"unitQuantity":**null**,

"taxValue":"0.0",

"skuFactor":"0.0",

"maxUnits":**null**,

"assortmentLine":**null**,

"replenishmentDate":**null**,

"assortmentfrequency":**null**,

"diasfre":**null**,

"isAssortment":**null**,

"isSalable":**null**,

"transactionType":"82",

"returnPeriod":"",

"returnReasonCode":"",

"returnMaxUnits":"",

"effectiveStartDate":"",

"effectiveEndDate":"",

"category":"EITHER"

}

]

}

## PRM Promotions

### Aim

The purpose of this interface is to send the information related to Retek(RMS) promotions to POS.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 standard: Codes for the representation of names of countries and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Name of the business. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse identifier assigned by the business. | 5 | String | 50EDI |
| numberOfRecords | Number of records |  | Integer | 120 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests send the value of the "searchId" field returned from the last response of the catalog. | 24 | String | 0 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 07/21/2023 5:32 |
| **promotions** | Promotion arrangement |  |  |  |
| lineNumber | Consecutive representing the promotion record. |  | String | 1 |
| folio | Promotion folio | 10 | String | 32435758756 |
| itemCategory | Item category | 2 | String | 0 |
| type | Promotion type | 2 | String | 00. Mix & Match |
| - 01.Threshold |
| - 02. Multi-Units |
| - 03. Single Item and Dept Level |
| - 04. In Store Discount |
| - 05. Employee Discount |
| - 06. Off Retail |
| - 90. FC\_Threshold |
| - 91. FC\_Promopack |
| - 92. FC\_Coupon K17 |
| startDate | Promotion start date |  | date | 09/02/2022 |
| endDate | Promotion end date |  | date | 09/02/2022 |
| itemSku | Product SKU | 16 | String | 80432400395 |
| category | Promotion Category  Supplier type  Quantity required for the promotion  Percentage/Discount amount of the item in the promotion or Fixed amount of the product  Discount Type | 1 | String | M - Baking Media |
| Frequency - F |
| Loyalty - L |
| Saldazo - E |
| Services - I |
| Synergy - S |
| providerType |  | 1 | String | 0 |
| requiredQuantity | Quantity of items that the promotion must have to apply, if this field is greater than 1 | 7 | String | 1,000 |
| discount | Promotion description | 9 | String | 30,000 |
| discountType | Item subcategory  Item segment | 1 | String | A,P,F,' ' |
| In Xpos anything else will be taken as F |
| optional | Item subsegment | 1 | String | 1 |
| description | Promotion duration code | 40 | String | 185247 1 (Art 30%) Mechanics |
| itemSubcategory | Promotion grouper | 4 | String | 0, 1024, 959, 958, 534, 533, 532, 531, 530, 529 |
| itemSegment | Obsolete percent field will be purged in the next version of the operation. | 4 | String | 1 |
| itemSubsegment | Obsolete optionalOne field will be purged in the next version of the operation. | 4 | String | 1 |
| durationCode | Obsolete sent field will be purged in the next version of the operation. | 16 | String | 1.00002E+15 |
| grouper | Promotion start date | 7 | String | 1,000 |
| percent | Promotion end date | 6 | String | (EMPTY) |
| optionalOne | Product SKU | 1 | String | (EMPTY) |
| sent | Promotion Category | 1 | String | (EMPTY) |
| action | Action of the movement  BinCode of the banking medium or group of banking mediums (or Saldazo) associated with the promotion | 1 | String | Options 'A' and 'F' Execute |
| F: Update start and end date of the promotion |
| A: Insert or Edit a promotion |
| binCode | Specific message of the banking medium used | 11 | String | 5227020000 |
| messagePsg | Action of the movement | 38 | String | PAYING WITH SPIN |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10ZAI",

"storeId":"50EDI",

"numberOfRecords":"0",

"searchId":"000000000000000000000000",

"searchDate":"2023-11-08 14:08:18",

"promotions":[

{

"lineNumber":"1",

"folio":"4555033",

"itemCategory":"1",

"type":"03",

"startDate":"20220721",

"endDate":**null**,

"itemSku":"7502294220100",

"category":**null**,

"providerType":"0",

"requiredQuantity":"001,000",

"discount":"00013.500",

"discountType":" ",

"optional":" ",

"description":"Simple MIG Promo Test",

"itemSubcategory":**null**,

"itemSegment":**null**,

"itemSubsegment":**null**,

"durationCode":"1000023591111111",

"grouper":"000,000",

"percent":"000.00",

"optionalOne":" ",

"sent":" ",

"action":"TO",

"binCode":**null**,

"messagePsg":**null**

}

]

}

## Supplier League (ILS)

### Aim

He.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| senderId | ID of the application sending the file | 30 | String | RTKRMS |
| businessName | Business name. | 30 | String | OXXO |
| documentID | ILS document ID | 25 | String | ILS10TIJ50ANT230531190823 |
| locationId | Unique store identifier in RMS |  | Integer | 2068 |
| numberOfRecords | Number of records |  | Integer | 120 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests the value of the "searchId" field returned from the last catalog response is sent. | 24 | String | 000000000000000000000000 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 2023-07-21 05:32:28 |
| **details** | Arrangement of articles contained in the document |  |  |  |
| lineNumber | Consecutive representing the promotion record. |  | String | 1 |
| itemSku | Product SKU | 16 | String | 080432400395 |
| primaryReplenishmentSupplier | Primary supplier code | 10 | String | 896 |
| tolerancePercentage | Percentage of the requested quantity that must be supplied as a minimum | 10 | String | 100 |
| locationType | Location type | 1 | String | Yes |
| department |  | 10 | String | 512 |
| class |  | 10 | String | 5 |
| subClass |  | 10 | String | 2 |
| reorderableIndicator |  | 1 | String | 1-YES0-NO |
| supplierName |  | 100 | String | GARCIA RODRIGUEZ IRMA ROC 10TIJ |
| carrierId |  | 10 | String | 5843 |
| carrierAlias |  | 100 | String | National Transport SA de CV |
| deliveryTime |  | 10 | String | 1 |
| revisionPeriod |  | 10 | String | 2 |
| unitsSale |  | 10 | String | 0 |
| pre-saleStock |  | 10 | String | 2 |
| visitDays |  | 9 | String | 010100000 |
| preSaleIndicator |  | 10 | String | 0 |
| preSaleDays |  | 10 | String |  |
| stockPromotion |  | 10 | String |  |
| promotionInitDate |  |  | date | 2018-12-12 |
| promotionEndDate |  |  | date | 2018-12-12 |
| lostSale |  | 10 | String | 0 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"senderId":"RTKRMS",

"businessName":"OXXO",

"documentID":"ILS10TIJ50ANT230531190823",

"locationId":"2068",

"numberOfRecords":"120",

"searchId":"000000000000000000000000",

"searchDate":"2023-07-21 05:32:28",

"detail":[

{

"lineNumber":"1",

"itemSku":"080432400395",

"primaryReplenishmentSupplier":"896",

"tolerancePercentage":"100",

"locationType":"Y",

"department":"512",

"class":"5",

"subClass":"2",

"reorderableIndicator":"0",

"supplierName":"GARCIA RODRIGUEZ IRMA ROC 10TIJ",

"carrierId":"5843",

"carrierAlias":"National Transport SA de CV",

"deliveryTime":"1",

"revisionPeriod":"2",

"unitsSale":"0",

"presaleStock":"2",

"visitDays":"010100000",

"preSaleIndicator":"0",

"preSaleDays":"",

"stockPromotion":"",

"promotionInitDate":"2018-12-12",

"promotionEndDate":"2018-12-12",

"lostSale":"0"

},

{

"lineNumber":"2",

"itemSku":"080432402334",

"primaryReplenishmentSupplier":"896",

"tolerancePercentage":"100",

"locationType":"Y",

"department":"512",

"class":"5",

"subClass":"2",

"reorderableIndicator":"1",

"supplierName":"GARCIA RODRIGUEZ IRMA ROC 10TIJ",

"carrierId":"5843",

"carrierAlias":"National Transport SA de CV",

"deliveryTime":"1",

"revisionPeriod":"2",

"unitsSale":"0",

"presaleStock":"2",

"visitDays":"010100000",

"preSaleIndicator":"0",

"preSaleDays":"",

"stockPromotion":"",

"promotionInitDate":"2018-12-12",

"promotionEndDate":"2018-12-12",

"lostSale":"0"

}

]

}

## Purchase Orders (POD)

### Aim

The purpose of this document is to define the interface specification for sending business data related to purchase orders generated by Retek (RMS) to POS systems.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| senderApp | Sender Application Id | 30 | String | RTKRMS |
| destinationApp | Receiver Application Id | 30 | String | POS |
| receiverId | Oracle Full Store CR | 30 | String | 10MON50EDI |
| documentId | JSON File Name | 30 | String | POD10MON50EDI240927124326.json.gz |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10MON |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| orderNumber | Order Number | 10 | String |  |
| supplierCode | Supplier code | 5 | String |  |
| writtenDate | order creation date | 8 | String | 20230301 |
| notBeforeDate | minimum order receipt date | 8 | String | 20230305 |
| notAfterDate | maximum order receipt date | 8 | String | 20230311 |
| pvExtNum |  | 5 | String | null |
| numberOfRecords | Number of records | 5 | Integer | 12 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests the value of the "searchId" field returned from the last catalog response is sent. | 24 | String | 000000000000000000000000 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 2023-07-21 05:32:28 |
| **details** | Article Arrangement |  |  |  |
| lineNumber | line number |  | Integer | 1 |
| sku | item | 5 | String | 7501055301300 |
| qtyOrdered | ordered quantity |  | Decimal | 24 |
| unitCost | Unit cost |  | Decimal | 20.0881 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"senderApp":"RTKRMS",

"destinationApp":"POS",

"receiverId":"10MON50EDI",

"documentId":"POD10MON50EDI240927124326.json.gz",

"departmentId":"10MON",

"storeId":"50EDI",

"orderNumber":"",

"supplierCode":"",

"writtenDate":"20230301",

"notBeforeDate":"20230305",

"notAfterDate":"20230311",

"pvExtNum”:"null",

"numberOfRecords":"12",

"searchId":"000000000000000000000000",

"searchDate":"2023-07-21 05:32:28",

"detail":[

{

"lineNumber":"1",

"sku":"7501055301300",

"qtyOrdered":"24",

"unitCost":"20.0881"

},

{

"lineNumber":"2",

"sku":"7501053374924",

"qtyOrdered":"12",

"unitCost":"37.3409"

}

]

}

## Transfer Zone Catalog (TSC)

### Aim

The objective of this document is to define the interface called Store Catalog (Transfer Zones) which is related to the general store information catalog and the transfer zone catalog for valid transfers between stores.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| senderApp | Sender Application Id | 30 | String | RTKRMS |
| destinationApp | Receiver Application Id | 30 | String | POS |
| receiverId | Oracle Full Store CR | 30 | String | 10MON50EDI |
| documentId | JSON File Name | 30 | String | TSC10MON50EDI240927124326.json.gz |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10MON |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| numberOfRecords | Number of records | 5 | Integer | 12 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests the value of the "searchId" field returned from the last catalog response is sent. | 24 | String | 000000000000000000000000 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 2023-07-21 05:32:28 |
| **details** | Article Arrangement |  |  |  |
| lineNumber | line number |  | Integer | 1 |
| departmentId | id square | 5 | String | 10MON |
| storeId | store id | 5 | String | 50EDI |
| storeName | Store name | 20 | String | EDISON |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"senderApp":"RTKRMS",

"destinationApp":"POS",

"receiverId":"10MON50EDI",

"documentId":"TSC10MON50EDI240927124326.json.gz",

"departmentId":"10MON",

"storeId":"50EDI",

"numberOfRecords":"12",

"searchId":"000000000000000000000000",

"searchDate":"2023-07-21 05:32:28",

"detail":[

{

"lineNumber":"1",

"departmentId":"10MON",

"storeId":"50EDI",

"storeName":"EDISON"

},

{

"lineNumber":"2",

"departmentId":"10MON",

"storeId":"50VAL",

"storeName":"HIGH VALLEY"

}

]

}

## Transfers (ASN)

### Aim

The ASN document will be sent directly from RDM to WM, avoiding its passage to RMS. In this way, greater veracity will be obtained in the shipment to the store, since the ASN document will be sent before the merchandise arrives at the store, greatly reducing concerns on the part of POS personnel about the delay in the arrival of the ASN document. .

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| senderApp | Sender Application Id | 30 | String | RTKRMS |
| destinationApp | Receiver Application Id | 30 | String | POS |
| receiverId | Oracle Full Store CR | 30 | String | 10MON50EDI |
| documentId | JSON File Name | 30 | String | ASN10MON50EDI240927124326.json.gz |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10MON |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| numberOfRecords | Number of records | 5 | Integer | 12 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests the value of the "searchId" field returned from the last catalog response is sent. | 24 | String | 000000000000000000000000 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 2023-07-21 05:32:28 |
| **details** | Article Arrangement |  |  |  |
| lineNumber | line number |  | Integer | 1 |
| status | status | 1 | String | Yes |
| BOLNumber | Shipping Order | 30 | String | 201180000017784059999999020 |
| transferNumber | Transfer Number | 20 | String | 3016026394 |
| fromLocation | conversion rate |  | Decimal | 9999999021 |
| sku | Bar-code | 20 | String | 75025212 |
| shippingDate | shipment date | 8 | String | 20100331 |
| shippedQuantity | quantity sent |  | Decimal | 30.0 |
| transferQuantity | amount transferred |  | Decimal | 30.0 |
| cardboardCode | box code | 30 | String | 00020118000082011556 |
| expiredQuantity | amount to expire |  | Decimal | 30.0 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"senderApp":"RTKRMS",

"destinationApp":"POS",

"receiverId":"10MON50EDI",

"documentId":"ASN10MON50EDI240927124326.json.gz",

"departmentId":"10MON",

"storeId":"50EDI",

"numberOfRecords":"12",

"searchId":"000000000000000000000000",

"searchDate":"2023-07-21 05:32:28",

"detail":[

{

"lineNumber":"1",

"status":"Y",

"BOLNumber":"201180000017784059999999020",

"transferNumber":"3016026394",

"fromLocation":"9999999021",

"sku":"75025212",

"shippingDate":"20100331",

"shippedQuantity":"30.0",

"transferQuantity":"30.0",

"cartonCode":"00020118000082011556",

"expiredQuantity":"30.0"

},

{

"lineNumber":"2",

"status":"Y",

"BOLNumber":"201180000017784059999999033",

"transferNumber":"3016026394",

"fromLocation":"9999999021",

"sku":"75023472",

"shippingDate":"20100331",

"shippedQuantity":"12.0",

"transferQuantity":"12.0",

"cartonCode":"00020118000082011556",

"expiredQuantity":"12.0"

}

]

}

## Exchange Rate (EXR)

### Aim

The purpose of this document is to describe the functional and technical process required to synchronize the Exchange Rate:

1. Stored in Oracle with RETEK.

2. Stored in Oracle with all stores for a given Plaza.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| senderApp | Sender Application Id | 30 | String | RTKRMS |
| destinationApp | Receiver Application Id | 30 | String | POS |
| receiverId | Oracle Full Store CR | 30 | String | 10MON50EDI |
| documentId | JSON File Name | 30 | String | TSC10MON50EDI240927124326.json.gz |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10MON |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| numberOfRecords | Number of records | 5 | Integer | 12 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests the value of the "searchId" field returned from the last catalog response is sent. | 24 | String | 000000000000000000000000 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 2023-07-21 05:32:28 |
| **details** | Article Arrangement |  |  |  |
| lineNumber | line number |  | Integer | 1 |
| currencyCode | exchange rate code | 3 | String | USD |
| conversionDate | Exchange rate date | 8 | String | 20240113 |
| exchangeRateType | Exchange rate | 20 | String | PLA |
| conversionRate | conversion rate |  | Decimal | 10.89 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"senderApp":"RTKRMS",

"destinationApp":"POS",

"receiverId":"10MON50EDI",

"documentId":"TSC10MON50EDI240927124326.json.gz",

"departmentId":"10MON",

"storeId":"50EDI",

"numberOfRecords":"12",

"searchId":"000000000000000000000000",

"searchDate":"2023-07-21 05:32:28",

"detail":[

{

"lineNumber":"1",

"currencyCode":"USD",

"conversionDate":"20240113",

"exchangeRateType":"PLA",

"conversionRate":"10.89"

},

{

"lineNumber":"2",

"currencyCode":"EUR",

"conversionDate":"20240113",

"exchangeRateType":"PLA",

"conversionRate":"12.34"

}

]

}

## Payment Methods (PMC)

### Aim

The PO4 interface aims to transmit information updates on payment methods and coupons to the point of sale, as well as enable the collection of dollars in Oxxo and Oxxo Express stores in addition to complying with the requirements stipulated by the national banking and securities commission for the receipt of dollars in stores.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| senderApp | Sender Application Id | 30 | String | RTKRMS |
| destinationApp | Receiver Application Id | 30 | String | POS |
| receiverId | Oracle Full Store CR | 30 | String | 10MON50EDI |
| documentId | JSON File Name | 30 | String | PMC10MON50EDI240927124326.json.gz |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10MON |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| writtenDate | JSON file creation date |  | date | 20240927124326 |
| numberOfRecords | Number of records | 5 | Integer | 12 |
| searchId | Search identifier that limits the number of records retrieved from the query. The first time the value is sent: 000000000000000000000000 and subsequent requests the value of the "searchId" field returned from the last catalog response is sent. | 24 | String | 000000000000000000000000 |
| searchDate | Search date that limits the number of records in the query. Date and time notation YYYY-MM-DD hh:mm:ss |  | Timestamp | 2023-07-21 05:32:28 |
| **details** | Article Arrangement |  |  |  |
| description | POS Configuration Name | 75 | String | Cancellation of T Draws |
| POSConfigType | POS Configuration Type | 4 | String | PYIO |
| POSConfigId | POS config identifier | 6 | String | 7 |
| exportCode | Electronic Beer Voucher Indicator | 2 | String | (EMPTY) |
| action |  | 1 | String | TO |
| startDate | Effective date |  | date | 20030909 |
| expirationDate | Expiration date |  | date | 20030909 |
| tenderTypeGroup | Group to which the payment method belongs | 20 | String | VOUCH |
| maxDiscountAmount | Maximum discount to be granted for a coupon | 20 | String | 0 |
| amount | Discount amount to be granted or Default payment method amount | 20 | String | 0 |
| percentIndicator | Percentage Indicator | 5 | String | 0 |
| sku | Bar-code | 40 | String | 2398298398239 |
| promotionCode | Promotion folio associated with coupon | 10 | String |  |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"senderApp":"RTKRMS",

"destinationApp":"POS",

"receiverId":"10MON50EDI",

"documentId":"PMC10MON50EDI240927124326.json.gz",

"departmentId":"10MON",

"storeId":"50EDI",

"writtenDate":"20240927124326",

"numberOfRecords":"12",

"searchId":"000000000000000000000000",

"searchDate":"2023-07-21 05:32:28",

"detail":[

{

"description":"Coca Cola 2LT 2x1",

"POSConfigType":"PYIO",

"POSConfigId":"7",

"exportCode":"(EMPTY)",

"action":"TO",

"startDate":"20030909",

"expirationDate":"20030909",

"tenderTypeGroup":"VOUCH",

"maxDiscountAmount":"0",

"amount":"0",

"percentIndicator":"0",

"sku":"2392839823983",

"promotionCode":""

},

{

"description":"Cancellation of T Draws",

"POSConfigType":"PYIO",

"POSConfigId":"7",

"exportCode":"(EMPTY)",

"action":"TO",

"startDate":"20030909",

"expirationDate":"20030909",

"tenderTypeGroup":"VOUCH",

"maxDiscountAmount":"0",

"amount":"0",

"percentIndicator":"0",

"sku":"2398298398239",

"promotionCode":""

}

]

}

# POS Documents – Central

## Sales (SAL)

### Aim

The goal of the interface is to facilitate business processes that depend on sales information. Daily sales information is sent from the POS stores to the Retek system. To achieve the correct functioning of all supported business processes, sales information must be delivered with great accuracy and in a timely manner.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | Integer | 890326 |
| administrativeDate | Administrative date of the movement. Format: yyyy-mm-dd |  | date | 07/10/2018 |
| numberOfRecords | Number of records |  | Integer | 120 |
| **movements** | Movement arrangement |  |  |  |
| code | Movement key | 2 | String | 12 |
| 12 Sales, 11 Return, 21 Promotions, 22 Gifts, 51 Promotion Return, 52 Gift Returns - RMS Movements |
| date | Natural date of the movement |  | date | 05/01/2023 |
| quantity | Units sold per item | 11 | String | 1 |
| totalRetail | Sum of movement value per item | 11 | String | 26.95 |
| unitRetail | Unit sales price | 11 | String | 34.5 |
| itemSku | Product SKU | 16 | String | 36731324009 |
| itemType | Product type | 3 | String | ITM |
| unitOfMeasure | Unit of measurement of the item (EA=piece, OA=piece to be cut, KGM=Kilograms, etc.) | 4 | String | EA |
| promotionCode | Promotion code, if it does not have a promotion, the value default=0 is set | 10 | String | 12930890 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10ZAI",

"storeId":"50EDI",

"administrativeDate":"2018-10-07",

"documentId":890326,

"numberOfRecords":1,

"movements":[

{

"code":"12",

"date":"2018-10-07",

"itemSku":"15234",

"itemType":"ITM",

"quantity":"1.00",

"totalRetail":"21.50",

"unitRetail":"23.50",

"unitOfMeasure":"EA",

"promotionCode":"0"

}

]

}

## Tickets (TIC)

### Aim

Consult and process store ticket information stored in the POS system, and send it to the BI system.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | Integer | 890326 |
| numberOfRecords | Number of records |  | Integer | 120 |
| **details** | Arrangement of ticket details |  |  |  |
| cashRegisterNumber | Sales box number | 2 | String | 1 |
| itemSku | Item SKU | 16 | String | 20201125001 |
| movementCode | movement key | 2 | String | 12 |
| quantity | Sales quantity | 11 | String | 1 |
| unitRetail | Total sales price, value at sales price | 11 | String | 20.01 |
| folio | Ticket Folio | 7 | String | 6716 |
| movementDate | Movement date |  | date | 07/10/2018 |
| movementTime | Movement time |  | time | 17:32 |
| promotionCode | Promotion folio | 40 | String | 12575486 |
| invoiceFolio | POS Legacy Invoice, Invoice Folio (if the ticket was invoiced at the register). The invoice is being generated with Ticket in the cloud, it is no longer invoiced at the cashier. It is sent in 0. | 1 | String | 0 |
| administrativeDate | Administrative Date, daily closing date |  | date | 07/10/2018 |
| keyChain | Using POS Legacy keychain, key of the keychain involved in the operation | 13 | String | (empty) |
| taxRate | Tax codes applied to the product | 20 | String | 0.00;0.00 |
| wmCode | WM transaction number, Folio that relates the electronic transaction. Send empty if the value is not available. | 10 | String | 1657603687 or (empty) |
| binCode | RFC of the bank. Send empty if the value is not available. | 11 | String | 08083030854 or (empty) |
| cashierId | Cashier ID | 13 | String | NAHEDU8202120 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10ZAI",

"storeId":"50EDI",

"documentId":890326,

"numberOfRecords":1,

"details":[

{

"cashRegisterNumber":"1",

"itemSku":"15234",

"movementCode":"12",

"quantity":"1,000",

"unitRetail":"23.50",

"folio":"6716",

"movementDate":"2017-07-21",

"movementTime":"17:32",

"promotionCode":"12575486",

"invoiceFolio":"0",

"administrativeDate":"2018-10-07",

"keyChain":"",

"taxRate":"16.00;0.00",

"wmCode":"1657603687",

"binCode":"05227020000",

"cashierId":"DEHEIR0401290"

}

]

}

## Final Delivery Sheet (HEF)

### Aim

The purpose of the interface is to transfer information related to payment methods from the stores in Mexico (POS) to the Oracle GL instance in Mexico.

## Transfers (TSF)

### Aim

This document contains the definition of the PR1 interface responsible for loading transfers to Retek. A transfer is any movement of inventory between stores and CEDIS. Thus, the transfers on which this interface is focused are those that occur between stores, between store and CEDIS and CEDIS store.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | String | 890326 |
| numberOfRecords | Number of records sent |  | String | 120 |
| movementCode | Movement key | 2 | String | 4 |
| shipmentDate | Transfer date |  | date | 2023-07-21 |
| destinationLocation | destination location | 5 | String | 50EDI |
| originLocation | origin location | 5 | String | 50EDD |
| bolNumber | bowl number | 30 | String | 10MON50EDI005603 |
| externalReferenceNumber | reference number | 14 | String | 008722 |
| warehouseNumber | number of cedis | 10 | String | 999999999 |
| **transfers** | Transfer Arrangement |  |  |  |
| itemSku | Bar-code | 16 | String | 75025212 |
| shipmentQuantity | Amount | 11 | String | 1.00 |
| reasonCode | Reason | 4 | String | 514 |
| retailPrice | Item Sale Price |  | String | 10.2 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10MON",

"storeId":"50EDI",

"documentId":"129992",

"numberOfRecords":"2",

"movementCode":"04",

"shipmentDate":"2024-01-01",

"destinationLocation":"50EDD",

"originLocation":"50EDI",

"bolNumber":"10MON50EDI00333",

"externalReferenceNumber":"000345",

"warehouseNumber":"99999999",

"transfers":

[

{

"itemSku":"7588923",

"shipmentQuantity":"1.00",

"reasonCode":"04",

"retailPrice":"15.20"

}

]

}

## Inventory Adjustment (ADJ)

### Aim

The purpose of the document is to define the PR4 interface – Inventory Adjustments. Inventory adjustments are corrections to the total inventory based on various reasons detected in OXXO Mexico stores. This interface consists of transferring information from the "POS" to Retek.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | String | 890326 |
| numberOfRecords | Number of records sent |  | String | 120 |
| adjustmentDate | Adjustment date |  | date | 2024-01-01 |
| **adjustments** | Settings arrangement |  |  |  |
| itemSku | Bar-code | 16 | String | 75025212 |
| adjustmentQuantity | Adjustment amount | 12 | String | 1.0000 |
| reason | Reason code | 4 | String | 514 |
| userId | PLAZATIENDA | 30 | String | 10MON50EDI |
| retailPrice | sale price |  | String | 200.1 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10MON",

"storeId":"50EDI",

"documentId":"129992",

"numberOfRecords":"2",

"adjustmentDate":"2024-01-01",

"adjustments":

[

{

"itemSku":"122233",

"adjustmentQuantity":"1.0000",

"reasonCode":"514",

"userId":"10MON50EDI",

"retailPrice":"200.1"

}

]

}

## Inventories (INV)

### Aim

This document contains the definition of the interface between POS and Retek called PR11 that synchronizes store inventories with RMS. The final objective is to generate a report that allows reviewing the differences in inventories between the stores and Retek.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | String | 890326 |
| numberOfRecords | Number of records sent |  | String | 120 |
| physicalInventoryDate | Inventory date | 1 | String | F |
| **inventoryDetail** | Inventory arrangement |  |  |  |
| movementDate | Movement date |  | date | 2023-07-21 |
| quantity | Amount | 11 | String | 1.00 |
| sequence | Folio | 6 | String | 514 |
| taxCode | tax rate | 5 | String | 16.00 |
| itemSku | Bar-code | 16 | String | 75025212 |
| retailPrice | Item Sale Price | 13 | String | 15.20 |
| administrativeDate | Administrative date |  | date | 2023-07-21 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10MON",

"storeId":"50EDI",

"documentId":"129992",

"numberOfRecords":2,

"physicalInventoryDate":"2024-01-01",

"inventoryDetail":

[

{

"movementDate":"2023-07-21",

"quantity":"1.00",

"sequence":"1",

"taxCode":"16.00",

"itemSku":"75025212",

"retailPrice":"15.20",

"administrativeDate":"2023-07-21"

}

]

}

## Supplier Returns (RTV)

### Aim

The objective of the PR5 interface – Returns to direct suppliers, is to process the information generated by the points of sale of the stores returning to direct suppliers and transfer it to RMS.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | String | 890326E |
| numberOfRecords | Number of records sent |  | String | 120 |
| createdDate | Creation date |  | date | 2023-07-21 |
| originLocation | Origin location | 5 | String | 50EDI |
| externalReferenceNumber | Reference number | 14 | String | 3456 |
| supplier | Supplier | 10 | String | 1234 |
| referralNumber | Remission number | 10 | String | 00012 |
| **returns** | Returns Arrangement |  |  |  |
| itemSku | Movement date | 16 | String | 75025212 |
| returnedQuantity | Amount | 11 | String | 1.00 |
| retailPrice | Folio |  | String | 10.5 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10MON",

"storeId":"50EDI",

"documentId":"129992",

"numberOfRecords":"2",

"createdDate":"2024-01-01",

"originLocation":"50EDI",

"externalReferenceNumber":"4321",

"supplier":"1234",

"remissionNumber":"00012",

"returns":[ {

"itemSku":"7588923",

"returnedQuantity":"1.00",

"retailPrice":"15.2"

}]

}

## Receipt of Goods (REC)

### Aim

This interface has a dual purpose, which is to confirm to RMS the receipts of Purchase Orders from the Direct Supplier, as well as the receipts of Transfers, from DC to a Store or from one Store to another. In this interface, all business data related to purchase order confirmation and transfers are sent from POS systems to Retek (RMS).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| organizationCountry | Country of the organization. ISO 3166-2 Standard: Codes for the representation of country names and their subdivisions. | 2 | String | MX |
| organizationName | Name of the organization. | 30 | String | FEMSA Comercio |
| businessName | Business name. | 30 | String | OXXO |
| departmentId | Department (or Plaza) identifier assigned by the business. | 5 | String | 10ZAI |
| storeId | Store/Warehouse Identifier assigned by the business. | 5 | String | 50EDI |
| documentId | Document identifier. Field used to avoid duplicate documents. |  | String | 890326 |
| numberOfRecords | Number of records sent |  | String | 120 |
| movementCode | Movement key | 2 | String | 10 |
| creationDate | Creation date |  | date | 2023-07-21 |
| warehouseNumber | Cedis ID | 10 | String | 9999999058 |
| originLocation | Origin location | 5 | String | 99999 |
| transferNumber | Transfer number | 10 | String | 455666433 |
| bolNumber | Bowl Number | 30 | String | 10MON50EDI00123 |
| externalReferenceNumber | Reference number | 14 | String | 22345 |
| orderNumber | Order number | 8 | String | 0 |
| supplier | Supplier | 10 | String | 3455 |
| closeDate | Closing date |  | date | 2023-07-21 |
| supplyDate | Supply date |  | date | 2023-07-21 |
| supplyLine | Supply line | 2 | String | 0 |
| visitFrequency | Frequency of visits | 2 | String | 4 |
| visitDays | Visiting days | 7 | String | 135 |
| extended | Extended information | 1 | String | N |
| **receptions** | Reception arrangement |  |  |  |
| itemSku | Bar-code | 16 | String | 75025212 |
| bolNumber | BOL number | 30 | String | 011180000343140519999999001 |
| receivedQuantity | Amount received | 11 | String | 5.00 |
| packaging | packing | 20 | String | 00001118000471288421 |
| retailPrice | Item Sale Price |  | String | 10.2 |
| referralNumber | Submission number |  | String | 3456 |
| onHandQuantity | Quantity on hand | 11 | String | 1.00 |
| suggestedQuantity | Suggested quantity | 11 | String | 1.00 |
| orderQuantity | Quantity in order | 11 | String | 1.00 |

**Example:**

{

"organizationCountry":"MX",

"organizationName":"FEMSA Comercio",

"businessName":"OXXO",

"departmentId":"10MON",

"storeId":"50EDI",

"documentId":"129992",

"numberOfRecords":"2",

"movementCode":"1",

"creationDate":"2024-01-01",

"cedNumer":"1",

"originLocation":"1111",

"transferNumber":"1",

"bolNumber":"1",

"externalReferenceNumber":"1",

"orderNumber":"1",

"supplier":"1224",

"closeDate":"2024-01-01",

"supplyDate":"1",

"supplyLine":"1",

"visitFrequency":"1",

"visitDays":"1111",

"extended":"",

"receptions": [{

"itemSku":"75025212",

"bolNumber":"1",

"receivedQuantity":"1.00",

"packaging":"1",

"retailPrice":"15.2",

"remissionNumber":"12345",

"onHandQuantity":"2.00",

"suggestedQuantity":"2.00",

"orderQuantity":"2.00"

}]

}

# Annex

Authentication

Bearer Token

This token is generated by the exposed oAuth/getToken service, this service requires 3 elements:

• It requires a parameter in the URL, which will tell the service what function we want to perform, in this case we have to send grant\_type with the value of client\_credentials to tell the service that we need to generate the credentials for a client

• It requires a CLIENT\_ID, it allows us to know or identify the application that will be using the services

• It requires a CLIENT\_SECRET, this corresponds to the password corresponding to the CLIENT\_ID

Once we have those elements mentioned above, we can send them to the service which will return a JSON which will contain the following elements:

• Access\_Token, this element will give us a validation chain with which we can authenticate ourselves in the different services

• Token\_Type, this element will give us the type of authentication that we need to use in each of the services where we want to use the Access\_Token generated

• Expires\_in, this element tells us the time in seconds that the generated Access\_Token will be valid

• Scope, this element tells us the scopes that are allowed by the Access\_Token

Example Response:

{

"access\_token":"977f5328e0e54ae9927b994d3f9b542d6ba03893cf644257b1dfbf067d8e3b30",

"token\_type":"Bearer",

"expires\_in":3600,

"scope":"ENRED\_IN ENRED\_OUT"

}

## Status List

### Message Codes

### Status Codes