AJEX.
Logistics Services

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Order Management
API Document

V 3.0

IT Department

AJEX

Contents

Document Change History

version	Date	author	Change description
1.0	27/01/2022	Khalid Alhazmi	Initial draft
1.1	02/02/2022	Nadir Salaheldeen	General enhancements
1.2	06/02/2022	Vinay Kumar	Status Push API
1.3	07/02/2022	Balaji Thiagarajan	Reviewed
1.4	16/03/2022	Manpreet Singh	Address Update API and International Shipment Details
1.6	12/5/2022	Nadir Salaheldeen	Updated Login API response Updated APIs URLs and samples Updated phone number format Updated Status Push API description and body Enhanced Order Management fields decryption
1.7	27/7/2022	Ayman Ballah	Fulfillment.
1.8	04/09/2022	Qamar Islam	Added gateway status codes to status codes list for order tracking and status push
1.9	06/10/2022	Qamar Islam	Added bulk tracking API.
2.0	29/11/2022	Qamar Islam	Order creation v2, order details v2 (multipiece support)
2.1	11/07/2023	Qamar Islam	Order creation v2 with Custom address, waybill file Url in the response, updated status, and error codes, Order details by orderId, address type NATIONAL_ADDRESS.
3.0	07/09/2023	Qamar Islam	Updated Create Order and Order Tracking API (for Temu) as discussed.

Authentication

Function description

The sign in API will provide the following functions:

1) Allow the client to login

2) AJEX system will responds with client information and JWT token.

Supported Methods: POST

Test URL: https://apps-sit.aj-ex.com/authentication-service/api/auth/login

Production URL: Will be shared later.

Request parameters

Body

Attributes	Type (constraint)	Required	description
username	String	Yes	The username
password	String	Yes	The password

Response parameters

Attributes	Type (constraint)	Required	description
accessToken	String	Yes	The token to be used to gain access to other APIs
tokenType	String	Yes	Token type, currently it will be "Bearer"

Create Order API

Function description

The order placement API will provide the following functions:

1) The customer system issues an order to the AJEX system

2) AJEX system assigns a waybill number to the order and return in the response.

3) The custom address can be added which will appear as the shipper address.

Supported Methods: POST

Test URL: https://apps-sit.aj-ex.com/order-management/api/v2/order

Production URL: Will be shared later

Request parameters

Header

Content-Type	application/json
Authorization	Bearer token

Body

Attributes	Type (constraint)	Required	description
orderID	String	Yes	Order Id, must be unique per request
orderTime	Date	Yes	Zoned Date Time, formatted as "yyyy-MMdd'T'HH:mm:ss.SSSZ" (e.g., "2022-01-23T16:30:00.000+03:00")
productCode	String	Yes	Logistics Product Code
expressType	String	Yes	Logistics Express Type under the selected product
totalDeclaredValue	Double	Yes	Total Declared Value of the cargo

declaredCurrency	String	Yes	Declared currency of cargo value
parcelTotalWeight	Double	Yes	Total Weight of the parcel
parcelTotalVolume	Double	No	Total Volume of the parcel

pickupMethod	String	Yes	One of the options **DROP_OFF:** the sender drops the parcel at AJEX Service Centers **PICKUP:** courier comes at sender location to pick the parcel **FULFILLMENT:** customer has the items in AJEX warehouses
paymentMethod	String	Yes	Currently supported option is **SENDER_INSTALLMENT:** "sender pays in installments"
customerAccount	String	Yes	Account number provided by AJEX for the Customer
buyerName	String	no	Buyer Name
incoterms	String	no	One of two options: **DDU:** consignee will pay duty charges. **DDP:** Shipper will pay the duty charges. Used by **default** if DDU is not passed in request. It is only for international shipments.
senderInfo	ContactInfo	Yes	Sender Contact Info
receiverInfo	ContactInfo	Yes	Receiver Contact Info
parcels	[Parcel]	Yes	List of parcels in the order
addedServices	[AddedService]	no	List of added services
additionalInfo	AdditionalInfo	no	Reserved for future use
fulfillmentInfo	FulfillmentInfo	Conditional	Fulfillment options info *Required if "pickupMethod" is **FULFILLMENT**"
shipperAddress	CustomAddress	Conditional	shipperAddress is required if the shipper address needs to be customized and only for international shipment
isInsured	boolean	Conditional	To be added if the customer has the insurance.

ContactInfo

Attributes	Type (constraint)	Required	description
name	String	Yes	Sender/receiver Name
phone	String	Yes	Phone number Should follow international phone format {"+"}{country prefix}{number}, e.g. "+9665xxxxxxxx"
email	String	No	Email address
contactType	String	Yes	One of these options **INDIVIDUAL ENTERPRISE**
addressType	String	Yes	One of these options: **COORDINATES:** longitude and latitude pairs **LOOKUP:** address data that matches the addresses defined in AJEX system. AJEX address lookup can provided offline. **FREE_TEXT:** allows collecting free-text input from end users, which is not restricted to address lookup data. The API will try to match to System's address definition if valid input is provided. The same fields that are used for LOOKUP can be used in the case of FREE_TEXT. **NATIONAL_ADDRESS:** short national address that fully defines the location.

			Notes Using FREE_TEXT may result in a bad address which can cause problems while delivering. We suggest using the other address types. Sender and receiver can have different address types, depending on the need. FREE_TEXT accuracy depends on user input; thus, LOOKUP, NATIONAL_ADDRESS and COORDINATES options are preferred.
country	String	Conditional	Country name. required if addressType is LOOKUP, FREE_TEXT or NATIONAL_ADDRESS
countryCode	String	Conditional	Country code required if addressType is LOOKUP
province	String	Conditional	Province/region name required if addressType is LOOKUP
city	String	Conditional	City name required if addressType is LOOKUP or FREE_TEXT
cityCode	String	Conditional	City Code required if addressType is LOOKUP. Currently all values are accepted for this field
district	String	Conditional	District Name required if addressType is LOOKUP
postalCode	String	no	Postal Code

longitude	Double	Conditional	Longitude of the location. required if addressType is COORDINATES
latitude	Double	Conditional	Latitude of the location required if addressType is COORDINATES
nationalShortAddress	String	Conditional	Saudi National Short Address required if addressType is NATIONAL_ADDRESS
addressLine1	String	Conditional	required if addressType is LOOKUP or FREE_TEXT. In case of COORDINATES addressType, this field can optionally be used to capture user-entered description
addressLine2	String	NO	

Parcel

Attributes	Type (constraint)	Required	description
weight	Double	Yes	Parcel weight
volume	Double	No	Parcel volume
length	Double	No	Parcel length
width	Double	No	Parcel width

height	Double	No	Parcel height
quantity	Integer	Yes	Parcel quantity
cargoInfo	[cargoInfo]	Yes	List of cargos in the order

CargoInfo

Attributes	Type (constraint)	Required	description
name	String	Yes	Cargo name/definition
count	Integer	Yes	Number of items that are of the same cargo type
totalValue	Double	Conditional	Total value of the items of this cargo type. Required in case of international shipments
countryOfOrigin	String	Conditional	Country of origin, required in case of international shipments
sku	String	Conditional	Stock Keeping Unit, applicable in international shipments and fulfillment. *Required if "pickupMethod" is **FULFILLMENT**"
cpc	String	No	Customs Procedure Codes, applicable in international shipments
originalDescription	String	No	Item description in origin country, applicable in international shipments
hsCode	String	Conditional	HS Code that represents the classification of the product, required in case of international shipments

itemCode	String	No	Unique item identifier for the order.

AddedService

Attributes	Type (constraint)	Required	description
serviceName	String	Yes	Name/code of the added service. cash on delivery (COD) service name is "IN01" Only COD is currently supported for added services
val1	String	Conditional	Generic value related to the service. For COD this is mandatory and should hold COD amount
val2	String	Conditional	Generic value related to the service. For COD this is mandatory and should hold COD currency
val3	String	Conditional	Generic value related to the service Currently not used

FulfillmentInfo

Attributes	Type (constraint)	Required	description
fulfillmentTimeOption	String	Yes	**SAMEDAY:** when customer wants the order to be fulfilled within the same day. **NEXTDAY:** when customer wants the order to be fulfilled in the next day. **SCHEDULED:** when customer wants the order to be fulfilled (can pass any date in future).
fulfillmentTime	Date	Conditional	This is the time to fulfill the order when the "fulfillmentTimeOption" is set **SCHEDULED.**

Response parameters

Attributes	Type (constraint)	Required	description
responseCode	String	Yes	Response code for the request
responseMessage	String	Yes	The message related to the response code
orderId	String	Yes	The order id from the request
waybillNumber	String	Conditional	Waybill number for the order. Will be present in case order creation is successful
waybillFileKey	String	Conditional	Waybill file key for the order. Can be used later to download waybill file. Will be present in case order creation is successful
waybillFileURL	String	Yes	Waybill file url to download the generated waybill file.

CustomAddress

Attributes	Type (constraint)	Required	description
name	String	Yes	Sender name. Required
phone	String	Yes	Phone number Should follow international phone format {"+"}{country prefix}{number}, e.g. "+9665xxxxxxxx"
city	String	Yes	City name. required
country	String	Yes	Country name. Required
countryCode	String	Yes	Country Code. Required
detailedAddress	String	Yes	Detail address. Required

Status Push API

Function description

The Status push API will provide the following functions:

1) This API will update the client by calling the client own API, notifying them whenever there is a change in the shipment status
2) The client should respond immediately, indicating that it has successfully received the status update.
3) In case no success response is received from client within timeout period, the system could retry pushing the same status.
4) If shipment status tracking is needed but not in real time, then it is preferred to use Order Tracking API instead of status push
5) Customer can subscribe to all or certain statuses

Supported Methods: POST

URL: the URL of the API at the client side that will receive status push information

Request parameters

Header

Content-Type	application/json
Authorization	Basic

Body

Attributes	Type (constraint)	Required	description
orderID	String	Yes	The Id of the original order request
waybillNo	String	Yes	The waybill number of the original order
statusCode	String	Yes	The code of the status being pushed. See status codes table below
statusName	String	Yes	The name of the status being pushed
note	String	No	Additional notes about the status update
updateTime	Date	Yes	Time of when the change in status occurred Zoned Date Time, formatted as "yyyyMM-dd'T'HH:mm:ss.SSSZ" (e.g., "2022-01-23T16:30:00.000+03:00")
deliveryProof	String	Conditional	The url of proof of delivery image. Only sent in case the status is "image proof of delivery" or "signature proof of delivery"

Response parameters

Attributes	Type (constraint)	Required	description
responseCode	String	Yes	Response code indicating that the new status update is received. Code "100" means success
responseMessage	String	Yes	The message related to the response code

Status code List

Status code	Status Name	Description

100	Pending pickup	Order Pickup request has been created
60	Pickup Failed	Order Pickup failed
54	Picked up	Shipment has been collected successfully.
50	Received at Service Center	Shipment has been Received in {Facility Name}.
407	In Transit to Hub	In transit to the {Hub Name}.
43	Received at Hub	Shipment has been received in {Hub Name}
603	Sorting in hub	Identification scan
21	packaging in hub	
618	package scan in hub	
30	in transit to destination hub	
31	received at destination hub	
640	In Transit to Service Center	In transit from {Service Center name} to {Service Center name}.
47	Arrived at SC	Shipment has been received in {Service Center name}
204	Out for Delivery	Shipment is out for delivery.
80	Shipment Delivered	Shipment Delivered.
8001	Image proof of delivery	
8002	Signature proof of delivery	
70	Delivery Failed	Package shipment delivery Failed due to reason {reason}
33	Returned to HUB	Shipment Return to Hub due to {reason}
998	Start RTO	Initiate shipment's return to origin

999	Complete RTO	The shipment has been returned to origin
1000	Arrived at	The Shipment has arrived at {gateway location}
1001	Cleared from	The shipment has been cleared from {gateway location}
1002	Held by custom	The shipment is held by custom{reason}
1003	Confiscated by Customs	The shipment is Confiscated by Customs{reason}
1004	Re-Export	The shipment is re-exported
1005	Departed from	
1006	Received at gateway hub	
1007	Held at origin gateway hub	
1008	Return to Shipper from Gateway	
1009	Handover to Airline	
1010	Delayed at Gateway	
1204	order packed	
1205	order handover	
2000	cancelled	

Address Update API

Function description

This API will allow to make an update to the receiver address, for an order that is created previously

1) The request body will hold the waybill number and the new address

2) The system will respond with success/failure message in a JSON response body 3) address cannot be updated after the shipment is delivered

Supported Methods: PUT

Test URL: https://apps-sit.aj-ex.com/order-management/api/v1/address

Production URL: Will be shared later

Request Parameters

Header

Content-Type	application/JSON
Authorization	Bearer token

Body

Attributes	Type & Size	Required	Description
waybillNumber	String	Yes	Waybill number
receiverAddress	Address	Yes	Receiver Address details

Address Attributes

Attributes	Type	Required	Description
addressType	String	Yes	One of these options **COORDINATES**, **NATIONAL_ADDRESS**
			LOOKUP and **FREE_TEXT**. Same rules of order creation apply here

country	String	Conditional	Country name. required if addressType is LOOKUP, FREE_TEXT or NATIONAL_ADDRESS
countryCode	String	Conditional	Country code required if is addressType LOOKUP
province	String	Conditional	Province/region name required if is addressType LOOKUP
city	String	Conditional	City name required if is addressType LOOKUP or FREE_TEXT
cityCode	String	Conditional	City Code required if addressType is LOOKUP. Currently all values are accepted for this field
district	String	Conditional	District Name required if addressType is LOOKUP
detailedAddress	String	Conditional	Detailed Address required if addressType is LOOKUP or FREE_TEXT. In case of COORDINATES addressType, this field can optionally be used to capture user-entered description
postalCode	String	No	Postal Code
longitude	Double	Conditional	Longitude of the location. required if addressType is COORDINATES
latitude	Double	Conditional	Latitude of the location required if addressType is COORDINATES
nationalShortAddress	String	Conditional	Saudi National Short Address Required if addressType is NATIONAL_ADDRESS

Response parameters

Attributes	Type	description

responseCode	String	Response code for the request
responseMessage	String	The message related to the response code
waybillNumber	String	The waybill Number from request

Waybill File API

Function description

This API allows to get the order Waybill in the form of downloadable URL or pdf, depending on the requested content type

1. Default API response is a JSON containing the waybill URL, which is valid for certain time period. After expiration, the same API can be used to generate a new URL
2. PDF file can be obtained if the request has application/pdf set in the "Accept" header

Supported Methods: GET **Test**

URL:

https://apps-sit.aj-ex.com/order-management/api/v1/waybill-

file/{waybillNumber}

Production URL: Will be shared later

Request Parameters

Header

Accept	application/JSON or application/pdf
Authorization	Bearer token

Path Variable

Attribute	Type	Required	Description
waybillNumber	String	Yes	The requested waybill number.

Response parameters

Attribute	Type	Description
responseCode	String	Response code for the request
responseMessage	String	The message related to the response code
waybillFileUrl	String	The downloadable file URL

Cancel Order API

Function description

This API allows to cancel an order using its waybill number.

Orders are allowed to be cancelled only before pickup takes place

Supported Methods: POST

Test URL: https://apps-sit.aj-ex.com/order-management/api/v1/cancel-order

Production URL: Will be shared later

Request Parameters

Header

Content-Type	application/JSON
Authorization	Bearer token

Request Body

Attribute	Type	Required	Description
waybillNumber	String	Yes	The requested waybill number

Response parameters

Attribute	Type	Description
responseCode	String	Response code for the request
responseMessage	String	The message related to the response code

Order Tracking API

Function description

Can be called to track shipments using their waybill number. It provides status change events along with their occurrence times

Operation is only successful if status change events are generated for the order

Supported Methods: GET **Test URL:** https://apps-sit.aj-

ex.com/order-

management/api/v1/ordertracking/{waybillNumber}

Production URL: Will be shared later

Request Parameters

Header

Authorization	Bearer token

Path Variable

Attribute	Type	Required	Description
waybillNumber	String	Yes	The requested waybill number

Response parameters

Attribute	Type	Description
responseCode	String	Response code for the request
responseMessage	String	The message related to the response code
waybillNumber	String	The waybill number from the request
orderDetails	OrderTrackingDetails	Provides the order details which include sender, receiver and other shipment details
orderTrackingHistory	List<OrderTrackingHistory>	Contains the history of shipment status changes

OrderTrackingDetails:

Attribute	Type	Description

finalStatusCode	Integer	The most recent status code of the shipment
finalStatus	String	Description of the most recent shipment status
productName	String	The express category applied for the shipment
weight	Double	Weight of the package
actualAmount	Double	Total amount of the order
shippmentDate	Date	Shipment start date. Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
deliveryDate	Date	Date on which order was delivered. Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
senderDetails	OrderTrackingContactInfo	Contains sender information
receiverDetails	OrderTrackingContactInfo	Contains receiver information

OrderTrackingContactInfo

Attribute	Type	Description
postalCode	String	Postal code
city	String	City of the contact

name	String	Name of the contact
fullAddress	String	The full address of the contact

OrderTrackingHistory

Attribute	Type	Description
actionTime	Date	Time of event Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
status	String	Status of the shipment
statusCode	Integer	Status code of the shipment
note	String	Shipment status description at this stage
cityName	String	City name where event occurred. Not available in all statuses
timeZone	String	example "GMT+08:00"
payment	PaymentDetails	Contains payment information.

PaymentDetails

Attribute	Type	Description
method	String	Payment Method (POS/CASH)
status	Boolean	True/false
time	Date	Payment time Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
timeZone	String	example "GMT+08:00"

Order Detail API

Function description
Used to query the detailed order info, using order Id or waybill number

Test URL: https://apps-sit.aj-ex.com/order-management/api/v2/order-details

Production URL: Will be shared later

Supported Methods: GET

Request Parameters

Header

Authorization	Bearer token

Query Parameters

Attribute	Type	Required	Description

waybillNumber	String	Conditional	The waybill number. Takes precedence if both waybill number and order Id are set
orderId	String	Conditional	Order Id. Required In case of fetching order details by order id.
customerAccount	String	Conditional	Customer Account Number. Mandatory In case of fetching order details by order id.

Response parameters

Attribute	Type	Description
waybillNumber	String	This order waybill number
orderId	String	The order id
waybillFileUrl	String	Temporary waybill file download link
orderDetails	OrderInformationDetails	Contains the order details

OrderInformationDetails Atribute

Attributes	Type (constraint)	description
orderTime	Date	Order Date, formatted as "yyyy-MMdd'T'HH:mm:ss.SSSZ" (e.g., "2022-01-23T16:30:00.000+03:00")
productCode	String	Logistics Product Code
expressType	String	Logistics Express Type under the selected product
totalDeclaredValue	Double	Total Declared Value of the cargo
declaredCurrency	String	Declared currency of cargo value
parcelTotalWeight	Double	Total Weight of the parcel
parcelTotalVolume	Double	Total Volume of the parcel
pickupMethod	String	One of the options **DROP_OFF:** the sender drops the parcel at AJEX Service Centers **PICKUP:** courier comes at sender location to pick the parcel
paymentMethod	String	Currently Returned Value **SENDER_INSTALLMENT:** "sender pays in installments"
customerAccount	String	Account number provided by AJEX for the Customer
buyerName	String	Buyer Name
senderInfo	ContactInfo	Sender Contact Info
receiverInfo	ContactInfo	Receiver Contact Info
parcels	[Parcel]	List of parcels in the order
addedServices	[AddedService]	List of added services
additionalInfo	AdditionalInfo	Reserved for future use

ContactInfo

Attributes	Type (constraint)	description
name	String	Sender/receiver Name
Phone	String	Phone number
email	String	Email address
country	String	Country name.
countryCode	String	Country code
province	String	Province/region name
city	String	City name

cityCode	String	City Code
district	String	District Name
detailedAddress	String	Detailed Address
postalCode	String	Postal Code

Parcel

Attributes	Type (constraint)	description
weight	Double	Parcel weight
volume	Double	Parcel volume
length	Double	Parcel length
width	Double	Parcel width
height	Double	Parcel height
quantity	Integer	Parcel quantity
cargoInfo	[cargoInfo]	List of cargos in the order

CargoInfo

Attributes	Type (constraint)	description
name	String	Cargo name/definition
count	Integer	Number of items that are of the same cargo type
totalValue	Double	Total value of the items of this cargo type

AddedService

Attributes	Type (constraint)	description

serviceName	String	Name/code of the added service. cash on delivery (COD) service name is "IN01" Only COD is currently supported for added services
val1	String	Generic value related to the service. For COD this is mandatory and should hold COD amount
val2	String	Generic value related to the service. For COD this is mandatory and should hold COD currency
val3	String	Generic value related to the service Currently not used

Bulk Waybill Tracking

Function description

Can be called to track shipments using the list of waybill numbers and date range. It provides status change events along with their occurrence times. The waybills for which are unavailable will be displayed as absent waybills.

Supported Methods: POST

Test URL:

https://apps-sit.aj-ex.com/order-management/api/v1/order-tracking/bulk Production URL: Will be shared later

Request Parameters

Header

Content-Type	application/json
Authorization	Bearer token

Request Body

Attribute	Type	Required	Description
waybillList	List<String>	Optional	The list of requested waybill numbers. The response priority will be based on the waybill list. If not passed, the waybills will be fetched based on the date range.
Attribute	Type	Required	Description

pageNumber	Integer	Optional	
			Page number requested, **default** is 1
customerAccount	String	Cond	Customer Account Number, Required if date range is passed
fromDate	String	Cond	Date range start. Date format: yyyy-MM-dd Required if waybill list is not passed.
toDate	String	Optional	Date range end. Date format: yyyy-MM-dd Default is the end of fromDate.

Response parameters

Attribute	Type	Description
responseCode	String	Response code for the request
responseMessage	String	The message related to the response code
orderTrackingResponseList	List<OrderTrackingResponseBulk>	Contains the complete track details
absentWaybills	List<String>	List of the

Attribute	Type	Description
responseCode	String	Response code for the request
responseMessage	String	The message related to the response code
		waybills for which the records are not found
pageNumber	Integer	current page number
totalPages	Integer	Total number of pages
totalElements	Integer	Total number of waybill records
hasNext	Boolean	If there are more pages

OrderTrackingResponseBulk:

Attribute	Type	Description
waybillNumber	String	Waybill number
orderTackingDetails	OrderTackingDetails	Provides the order details which include sender, receiver and other shipment details
OrderTrackingHistory	List<OrderTrackingHistory>	Contains the history of shipment status changes

OrderTrackingDetails:

Attribute	Type	Description
finalStatusCode	Integer	The most recent status code of the shipment
finalStatus	String	Description of the most recent shipment status
productName	String	The express category applied for the shipment
weight	Double	Weight of the package

actualAmount	Double	Total amount of the order
shippmentDate	Date	Shipment start date. Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
deliveryDate	Date	Date on which order was delivered. Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
senderDetails	OrderTrackingContactInfo	Contains sender information
receiverDetails	OrderTrackingContactInfo	Contains receiver information

OrderTrackingContactInfo

Attribute	Type	Description
postalCode	String	Postal code
city	String	City of the contact
name	String	Name of the contact
fullAddress	String	The full address of the contact

OrderTrackingHistory

Attribute	Type	Description

actionTime	Date	Time of event Formatted as "yyyy-MM-dd'T'HH:mm:ss.SSSZ"
status	String	Status of the shipment
statusCode	Integer	Status code of the shipment
note	String	Shipment status description at this stage
cityName	String	City name where event occurred. Not available in all statuses

Response codes description

Response Code	Response Message	Response Description
100	Success	The request is processed successfully
101	Invalid Request Format	Invalid request body format
102	Invalid Input	One or more input data is invalid. Response message will indicate the input that is invalid
103	insufficient permission	insufficient permission

201	Waybill Number Does Not Exist	Waybill number provided in the request does not exist
202	ServiceName in addedServices is not Valid	One of the service names in the added services is not valid
203	Wrong Customer Account	Wrong Customer Account Number
204	Wrong Express Code	Wrong Express Code
205	Sender Address is not Complete/Invalid as per AddressType	Sender Address is missing parameters that are mandatory for the selected Address Type
206	Receiver Address is not Complete/Invalid as per AddressType	Receiver Address is missing parameters that are mandatory for the selected Address Type
207	No Tracking Info for Waybill Number	There is no tracking information available for waybill number
208	Incomplete International Order Details	Mandatory fields are missing for international shipments

Response Code	Response Message	Response Description
209	No Order Info for Waybill Number	Wrong waybill number is used to get order details
210	No Order Info for Order Number	Wrong order id is used to get order details

211	Order Id and Waybill Number Are Null	When both waybill number and order id are missing in request. Relevant to order details API
212	Is not a fulfillment order	Not a fulfillment order
213	cargo info should not be empty or null	cargo info should not be empty or null
214	parcels should not be empty or null	When the parcels object is null or empty
215	multipiece not enabled for customer	When the customer passes more than one parcel, and it is not enabled for the customer.
216	invalid COD amount or currency	invalid COD amount or currency provided.
217	Order is after cut-off time for the specified service	Order is after cut-off time for the specified service
218	Service is not allowed for the specified origin/destination	Service is not allowed for the specified origin/destination
219	No status updates	No status updates
220	Date range should not be more than seven (7) days	Date range should not be more than seven (7) days

Response Code	Response Message	Response Description

221	Create cancelled order is not allowed	Cancelled order can not be created.
222	parcels count should not be null or less than 1	When no values passed in the parcel object
223	invalid declared currency	When invalid currency is passed
401	No Subregions Found for Provided Input	No subregion details match the provided input
402	The Order cannot be Canceled	Can't cancel the order. Reasons could be wrong waybill number, shipment already picked up or repeated cancel made
403	The Sender Address cannot be Identified	Unable to identify the location in the sender address
404	The Receiver Address cannot be Identified	Unable to identify the location in the receiver address. In some cases, there will be a manual process to resolve the address with the shipment receiver
405	Order Has Been Delivered and cannot be Modified	When attempting to update an order which is already delivered
500	Internal System Error	Internal System Error
501	Unable to Connect to Client	Unable to Connect to Client
502	Unable to Resolve Address, Default Address Used	Provided address not found, Default Address Used

503	Order Already Exists in DB	Order Already Exists in DB
504	Order Id Already Exists	When passing a duplicate order Id
Response Code	Response Message	Response Description
505	Unable to Resolve District in Address, Default city Address Used	Provided District in address not found, Default city Address Used
506	Different destination country	Different destination country
507	Unable to Resolve Address	Unable to Resolve Address

Sample Requests and Responses

Authentication

Success Sample

Request body

```
{
    "username":"username",
    "password":"xxxxxxxx"
}
```

Response body

```
{
    "accessToken":
"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrYWxpZCIsImlzcyI6Imh0dHA6Ly9sb2NhbG
hvc3Q6ODA4MC9sb2dpbiIsImV4cCI6MTY0NDY5OTYwMCwiaWF0IjoxNjQzNTI3Nzk1LCJhdXRob
3JpdGllcyI6WyJvcmRlcjp3cml0ZSIsIm9yZGVyOnJlYWQiLCJST0xFX0FETUlOIl19.v3grUfT4eMQIQ
DahMMzFJZROcAXHH5I_oBbornevoT0",
    "tokenType": "Bearer"
}
```

Failure Sample

Request body

```
{
    "username":"username",
    "password":"xxxxxxxx"
}
```

Response body

```
{
```

```
    "path": "/api/auth/login",
    "error": "Unauthorized",
    "message": "Bad credentials",
    "status": 401
}
```

Create Order API

Success Sample

Request

```json
{
  "orderId": "CustomerRefNo1234",
  "orderTime": "2022-06-23T12:00:00.000+03:00",
  "productCode": "SE0123",
  "expressType": "DOMESTIC E-COMMERCE EXPRESS",
  "totalDeclaredValue": 12,
  "declaredCurrency": "SAR",
  "parcelTotalWeight": 1,
  "parcelTotalVolume": "1",
  "pickupMethod": "PICKUP",
  "paymentMethod": "SENDER_INSTALLMENT",
  "customerAccount": "AJ630151000037",
  "buyerName": "Mohamed buyer",
  "incoterms": "DDP",
  "senderInfo": {
    "name": "Mohamed",
    "phone": "05xxxxxxxx",
    "email": "placehoder@placehoder.com",
    "contactType": "INDIVIDUAL",
    "addressType": "LOOKUP",
    "country": "Saudi Arabia",
    "countryCode": "SA",
    "province": "Riyadh Province",
    "city": "Riyadh",
```

```
    "cityCode": "SA",

    "district": "As Sulay",

  "detailedAddress": "الس لي"
},

"receiverInfo": {

  "name": "Ayman Abdallah",

  "phone": "966512344567",

  "email": "mjmj.bagga@gmail.com",

  "contactType": "ENTERPRISE",

  "addressType": "COORDINATES",

  "latitude": "23.67502496414005",

  "longitude": "43.13061798249131"
},

"parcels": [
  {

    "weight": 1,

    "volume": 0.0,

    "length": 0.0,

    "width": 1.0,

    "height": 1.0,

    "quantity": 1,

    "cargoInfo": [
      {

        "name": "Laptop",

        "count": 2,

        "totalValue": "1245",

        "hsCode": "code",

        "countryOfOrigin": "China"
```

```json
        },
        {
            "name": "Mouse",
            "count": 2,
            "totalValue": "1000",
            "hsCode": "code",
            "countryOfOrigin": "China"
        }
    ]
},
{
    "weight": 1,
    "volume": 0.0,
    "length": 0.0,
    "width": 1.0,
    "height": 1.0,
    "quantity": 1,
    "cargoInfo": [
        {
            "name": "Electronics",
            "count": 2,
            "totalValue": "3000",
            "hsCode": "code",
            "countryOfOrigin": "China"
        },
        {
            "name": "Bag",
            "count": 2,
            "totalValue": "500",
```

```
                "hsCode": "code",

                "countryOfOrigin": "China"

            }

          ]

        }

    ],

    "addedServices": [

      {

          "serviceName": "IN01",

          "val1": "200",

          "val2": "SAR"

      }

    ],

    "additionalInfo": null,

"customAddress": {

      "city": "RUH",

      "country": "Saudi Arabia",

      "countryCode": "SA",

      "detailAddress": "Olaya"

}

}
```

Response

```
{
  "responseCode": "100",
  "responseMessage": "Success",
  "orderId": "URLtest7",
  "waybillNumber": "AJS000000004623",
  "waybillFileKey": "AJS000000004623",    "waybillFileUrl":        "https://apps-sit.aj-
ex.com/order-
management/api/v1/waybillfile/public?token=eyJhbGciOiJIUzUxMiJ9.eyJpc3MiOiJBamV4IFRva2
VuIEF1dGhvcml0eSIsImlhd
CI6MTY3OTI4NjQ0NiwiZXhwIjoxNjgxODc4NDQ2LCJ3YXliaWxsTnVtYmVyIjoiQUpTMDAwMDAw
```

MDA0NjIzIn0.BWectrJEBrcmFO9GQwF4CUusv9CV3Cn04vAi_hjoyjnv51jHizSrO891K7Ix0wuAkhL
KOKcniamgE69n7ghz8Q"
}

Failure Sample.

Request

```
{
    "orderId": "CustomerRefNo1234",

    "orderTime": "2022-06-23T12:00:00.000+03:00",

    "productCode": "SE0123",

    "expressType": "DOMESTIC E-COMMERCE EXPRESS",

    "totalDeclaredValue": 12,

    "declaredCurrency": "SAR",

    "parcelTotalWeight": 1,

    "parcelTotalVolume": "1",

    "pickupMethod": "PICKUP",

    "paymentMethod": "SENDER_INSTALLMENT",

    "customerAccount": "AJ630151000037",

    "buyerName": "Mohamed buyer",

    "incoterms": "DDP",

    "senderInfo": {

        "name": "Mohamed",

        "phone": "05xxxxxxxx",

        "email": "placehoder@placehoder.com",

        "contactType": "INDIVIDUAL",

        "addressType": "LOOKUP",

        "country": "Saudi Arabia",
```

```
        "countryCode": "SA",

        "province": "Riyadh Province",

        "city": "Riyadh",

        "cityCode": "SA",

        "district": "As Sulay",

      "detailedAddress": "الس لي"
    },

    "receiverInfo": {

        "name": "Ayman Abdallah",

        "phone": "966512344567",

        "email": "mjmj.bagga@gmail.com",

        "contactType": "ENTERPRISE",

        "addressType": "COORDINATES",

        "latitude": "23.67502496414005",

        "longitude": "43.13061798249131"
    },

    "parcels": [

      {

        "weight": 1,

        "volume": 0.0,

        "length": 0.0,

        "width": 1.0,

        "height": 1.0,

        "quantity": 1,

        "cargoInfo": [

          {

            "name": "Laptop",

            "count": 2,
```

```
                    "totalValue": "1245",

                    "hsCode": "code",

                    "countryOfOrigin": "China"

                },
                {

                    "name": "Mouse",

                    "count": 2,

                    "totalValue": "1000",

                    "hsCode": "code",

                    "countryOfOrigin": "China"

                }

            ]

        },
        {

            "weight": 1,

            "volume": 0.0,

            "length": 0.0,

            "width": 1.0,

            "height": 1.0,

            "quantity": 1,

            "cargoInfo": [

                {

                    "name": "Electronics",

                    "count": 2,

                    "totalValue": "3000",

                    "hsCode": "code",

                    "countryOfOrigin": "China"

                },
                {
```

```
            "name": "Bag",

            "count": 2,

            "totalValue": "500",

            "hsCode": "code",

            "countryOfOrigin": "China"

        }

      ]

    }

  ],

  "addedServices": [

    {

      "serviceName": "IN01",

      "val1": "200",

      "val2": "SAR"

    }

  ],

  "additionalInfo": null

}
```

Response

```
{
   "responseCode": "bsp0226",
   "responseMessage": "Please don't enter repeat shipment reference No",
   "orderId": null,
   "waybillNumber": null,
   "waybillFileKey": null,
   "waybillFileUrl": null
}
```

Status Push API

Success Sample

Request

```
{
  "waybillNo": "AJ1504567992065",
  "statusCode": "54",
  "statusName":" Shipment has been collected successfully ",
  "note": "AJ10000409(Tel: 15823760902) Pick-up",
  "updateTime": "2022-04-09T21:06:36.228+00:00",
  "orderId": " test-12345",
  "deliveryProof": ""
}
```

Response

```
{
  "responseCode": "100",
  "responseMessage": "Success"
}
```

Address Update API

Success Sample

Request

```
{
    "waybillNo": "AJ1504571554636",
    "receiverAddress": {
        "addressType": "LOOKUP",
        "country": "Saudi Arabia",
        "countryCode": "SA",
        "province": "Riyadh Province",
        "city": "Riyadh",
        "cityCode": "RUH",
        "district": "Ad Dhubbat",
        "detailedAddress": "House number 34",
        "postalCode": "5678"
    }    }
}
```

Response

```
{
    "responseCode": "100",
    "responseMessage": "Success",
    "waybillNumber": "AJ1504571554636"
}
```

Waybill File API

Success Sample

Header	URL	Response

application/JSON	https://apps-sit.aj-ex.com/order-management/api/v1/waybillfile/AJ1504571554138	JSON response
application/pdf	https://apps-sit.aj-ex.com/order-management/api/v1/waybillfile/AJ1504571554636	PDF File

JSON Response

```
{
   "responseCode": "100",
   "responseMessage": "Success",
   "waybillFileUrl": "https://storage.googleapis.com/rmds-oss-
1251983966/bsp/pdf/AJAJ1504571554138.pdf?X-Goog-Algorithm=GOOG4-RSA-
SHA256&XGoog-Credential=lijiuhua-gke-ibu-sfes-core-sgp%40ibu-sfes-core-sgp-
dev.iam.gserviceaccount.com%2F20220317%2Fauto%2Fstorage%2Fgoog4_request&X-
GoogDate=20220317T032233Z&X-Goog-Expires=10800&X-Goog-SignedHeaders=host&X-
GoogSignature=29e3f49a78bc712c9c65f8089cde145badf577c2e69a298e06b28f6350e6673af5
dc61
89b7e48068151052853e007b1605854e9114e506e6ce2461d960684bb5ce66d4131b106bf158
0de8b34ae90978cf388172d9b3a04dff046f4094e9354f9d37f214c3efaf0303df8e97502567a67
4969f32d979a74200c10ac98f7202053b708668eae3429808488adc495a1d11245b3aeb03de7a
b7bd3e0630e69143d3cf983ed4fd7d5a9cf668b7a86e91f94221122a25805f65e368bdc18ce4c9
36a8e3a05272ee7b5aa5fd503ca9eb1f85950701d7b474832351fa3edb683035a611cfc51a04fc8
64f91eea47e789130d967a865fc88f9fb08c172ec06fe4b836507"
   }
```

Cancel Order API

Success

Sample

Request

```
{
    " waybillNumber": "AJ1504571554636"
}
```

Response

```
{
    "responseCode": "100",
    "responseMessage": "Success"
}
```

Order Tracking API

       Success

Sample

URL

https://apps-sit.aj-ex.com/order-management/api/v1/order-tracking/AJ1504571554610

Response

```json
{
  "responseCode": "100",
  "responseMessage": "Success",
  "waybillNumber": "AJ1504571554610",
  "orderDetails": {
    "finalStatus": "Delayed package enter HUB",
    "productName": "Domestic Express",
    "weight": 146.5,
    "actualAmount": 441.0,
    "finalStatusCode": 33,
    "shippmentDate": "2022-02-06T13:37:45+05:30",
    "deliveryDate": null,
    "receiverDetails": {
      "postalCode": null,
      "city": "Riyadh",
      "name": "ANAQAT",
      "fullAddress": "Ad Dhubbat,Riyadh,Riyadh Province,Saudi Arabia"
    },
    "senderDetails": {
      "postalCode": null,
      "city": "Riyadh",
      "name": "Ahmed",
      "fullAddress": "Ad Dhubbat,Riyadh,Riyadh Province,Saudi Arabia"
    }
  },
  "orderTrackingHistory": [
    {
```

```json
        "note": "Order Pickup request has been created.",
        "actionTime": "2022-02-06T11:07:45.612+03:00",
        "status": "The receiving agent has received the order",
        "statusCode": 100,
        "cityName": null
    },
    {
        "note": "Shipment has been collected successfully.",
        "actionTime": "2022-02-07T17:05:02.079+03:00",
        "status": "home pickup",
        "statusCode": 54,
        "cityName": null
    },
    {
        "note": "Shipment has been Received in facility.",
        "actionTime": "2022-02-07T17:05:15.929+03:00",
        "status": "one request for one package",
        "statusCode": 50,
        "cityName": "Riyadh Province"
    },
    {
        "note": "Shipment is out for delivery.",
        "actionTime": "2022-02-07T17:05:23.298+03:00",
        "status": "package handover",
        "statusCode": 204,
        "cityName": null
    },
    {
        "note": "Shipment is out for delivery.",
        "actionTime": "2022-03-09T09:12:34.332+03:00",
        "status": "package handover",
        "statusCode": 204,
        "cityName": null
    },
    {
        "note": "Package shipment delivery Failed due to reason The person who picks the call is not the contact person.",
        "actionTime": "2022-03-09T09:28:59.767+03:00",
        "status": "delivery package for questioned package",
        "statusCode": 70,
        "cityName": null
    },
    {

        "note": "Package shipment delivery Failed due to reason The person who picks the call is not the contact person.",
```

```
        "actionTime": "2022-03-09T09:32:08.221+03:00",
        "status": "delivery package for questioned package",
        "statusCode": 70,
        "cityName": null
    },
    {
        "note": "Shipment Return to Hub due to (The person who picks the call is not the contac
t person).",
        "actionTime": "2022-03-09T12:40:13.494+03:00",
        "status": "Delayed package enter HUB",
        "statusCode": 33,
        "cityName": null
    }
  ]
}
```

Order detail API

Success

Sample

Option	URL
Waybill number	https://apps-sit.aj-ex.com/order-management/api/v2/orderdetails?waybillNumber= AJS000000001502

Response

```
{
    "responseCode": "100",
    "responseMessage": "Success",
    "waybillNumber": "AJS000000001502",
    "orderId": " CustomerRefNo1234",
    "waybillFileUrl": "https://apps-sit.aj-ex.com/order-
management/api/v1/waybillfile/public?token=eyJhbGciOiJIUzUxMiJ9.eyJpc3MiOiJBamV4IFRva
2VuIEF1dGhvcml0eSIsImlhd
CI6MTY2OTU1ODcwMCwiZXhwIjoxNjY5NjQ1MTAwLCJ3YXliaWxsTnVtYmVyIjoiQUpTMDAwMD
AwMDAxNTAyIn0.MovrH1DJQTYUCno1o2qCq6o4P0WDGRYGTKdAyhSK9q55TfPxU6QLnFec6PR
pxCwp22oCuZfU8MApKccJ6m4SEA",
    "orderDetails": {
        "orderTime": "2022-11-24T18:33:58.846+03:00",
        "productCode": "DOMESTIC E-COMMERCE EXPRESS",
        "expressType": "DOMESTIC E-COMMERCE EXPRESS",
        "totalDeclaredValue":                                 12.0,
"declaredCurrency": "SAR",
        "parcelTotalWeight": 2.0,
        "parcelTotalVolume": 0.0,
        "pickupMethod": "PICKUP",
        "paymentMethod": "SENDER_INSTALLMENT",
        "customerAccount": "AJ630106000016",
        "buyerName": "Ayman Abdallah",

"senderInfo": {
        "country": "SAUDI ARABIA",
        "countryCode": null,
        "province": null,
        "city": "RIYADH",
```

```json
      "cityCode": RUH,
      "district": "As Sulay",
      "detailedAddress": "الس لي",
      "postalCode": null,
      "name": "Mohamed",
      "phone": "05xxxxxxxx",
      "email": null
  },
  "receiverInfo": {
      "country": "SAUDI ARABIA",
      "countryCode": SA,
      "province": null,
      "city": "AFIF",
      "cityCode": null,
      "district": AFIF,
      "detailedAddress": "LUYA3371ي209المردمي3371،،6073, Almardamah 17904 ",
      "postalCode": null,
      "name": "Ayman Abdallah",
      "phone": "05xxxxxxxx",
      "email": null
  },
  "parcels": [
    {
        "weight": 1.0,
        "volume": null,
        "length": 0.0,
        "width": 1.0,
        "height": 1.0,
        "quantity": 4,
        "cargoInfo": [
          {
              "name": "Laptop",
              "count": 2,
              "totalValue": 1245.0
          },
          {
              "name": "Mouse",
              "count": 2,
              "totalValue": 1000.0
          }
        ]
    },
    {
```

```
            "weight": 1.0,
            "volume": null,
            "length": 0.0,
            "width": 1.0,
            "height": 1.0,            "quantity": 4,
            "cargoInfo": [
              {
                "name": "Electronics",
                "count": 2,
                "totalValue": 3000.0
              },
              {
                "name": "Bag",
                "count": 2,
                "totalValue": 500.0
              }
            ]
          }
        ],
        "addedServices": [
          {
            "serviceName": "IN01",
            "val1": "200.0",
            "val2": "SAR",
            "val3": null
          }
        ],
        "additionalInfo": null
    }
}
```

order-tracking/bulk API
Success Sample

Request

```
{
  "waybillList":null,
```

```
    "pageNumber": 1,

    "customerAccount": "AJ471166000003",

    "fromDate": "2022-09-01",

    "toDate": "2022-09-01"

}
```

Response

```
{

    "responseCode": "100",

    "responseMessage": "Success",

    "orderTrackingResponseList": [

        {

            "waybillNumber": "AJ1504571643576",

            "orderDetails": {

                "finalStatus": "Cleared from JED",

                "productName": "Domestic Express",

                "weight": 1.0,

                "actualAmount": 30.0,

                "finalStatusCode": 1001,

                "shippmentDate": "2022-09-01T05:41:09.881+03:00",

                "deliveryDate": null,

                "receiverDetails": {
```

```
      "postalCode": "",

      "city": "Riyadh",

      "name": "Chen Cheng(AJ10001320)",

      "fullAddress": "Dr. Abdul Rahman Al Mishari Hospital"

    },

    "senderDetails": {

      "postalCode": "",

      "city": "Riyadh",

      "name": "Chen Cheng(AJ10001320)",

      "fullAddress": "Dr. Abdul Rahman Al Mishari Hospital"

    }

  },

  "orderTrackingHistory": [

    {

      "note": "Order Pickup request has been created.",

      "actionTime": "2022-09-01T05:41:27.293+03:00",

      "status": "The receiving agent has received the order",

      "statusCode": 100,

      "cityName": ""

    },

    {

      "note": "Shipment has been collected successfully.",

      "actionTime": "2022-09-01T05:53:30.766+03:00",

      "status": "home pickup",

      "statusCode": 54,

      "cityName": ""

    },

    {

      "note": "Cleared from JED - KAIA",

      "actionTime": "2022-09-29T17:52:50.000+03:00",
```

```json
            "status": "Cleared from JED",

            "statusCode": 1001,

            "cityName": ""

        }

      ]

    }

  ],

  "absentWaybills": [],

  "pageNumber": 1,

  "totalPages": 1,

  "totalElements": 1,

  "hasNext": false

}
```