

API for online stores with Delivery.

Version 3.4.6

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Introduction

Json format for data exchange.

Web service adress <https://www.delivery-auto.com/api/v4>

The output parameters have the format:

```
{
  "status": true,
  "message": "",
  "data": Data
}
```

On a successful execution of the command status == true.

In case of an exception status == false, the **message** variable contains a message of the error.

Windows-1251 encoding must be used to enter fields in Cyrillic.

1. Representations

Representative offices are warehouses and offices of the company.

1.1 Getting a list of regions - method GetRegionList.

GET api/v4/Public/GetRegionList?culture={culture}&country={country}

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| Culture | String | uk-UA | Culture; Vaild values (en-US, uk-UA). |
| country | Integer? | null | Country id (1-Ukraine, null - all) |

Output parameters

Represents as json. Collection of objects {id, name, externalId}.

id – region id

name – Region name

externalId – region Id

Output parameters format

application/json, text/json

Example:

```
{
```

```

"status": true,
"message": "",
"data": [
  {
    "id": -1,
    "name": "УСІ",
    "externalId": "00000000-0000-0000-0000-000000000000"
  },
  {
    "id": 3898,
    "name": "Вінницька область",
    "externalId": "c8ad84fe-cf49-e211-9515-00155d012d0d"
  }
]
}

```

1.2 Getting a list of cities – method *GetAreasList*.

GET

api/v4/Public/GetAreasList?culture={culture}&fl_all={fl_all}®ionId={regionId}&country={country}&cityName={cityName}

Input parameters

| Name | Data type | Default value | Description |
|----------|-----------|---------------|--|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| fl_all | Boolean | false | A flag that allows you to show all the cities where it is possible to provide company services (It is recommended to use with search by name [cityName field]) |
| regionId | Integer? | null | Region Id |
| country | Integer? | null | Country Id (1-Ukraine, null - all) |
| cityName | String | null | A city name on selected in parameter “culture” language |

Output parameters

Represents as json. Collection of objects {id, name, RegionId, IsWarehouse, ExtracityPickup, ExtracityShipping, RAP, RAS, regionName, regionId, country, districtName}.

id – city id

name – City name

RegionId – Region id

IsWarehouse – Warehouse flag (1 – there is a warehouse in the city)

ExtracityPickup – true = Executed out of city pick up

ExtracityShipping – true = Executed out of city delivery

RAP – true = Regional pick up

RAS – true = Regional delivery

regionName – regional name
regionId – region id
country – country code (1 – Ukraine)
districtName – district name

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "id": "08f54093-d12a-e311-8b0d-00155d037960",
      "name": "Авангард",
      "RegionId": "e4ad84fe-cf49-e211-9515-00155d012d0d",
      "IsWarehouse": true,
      "ExtracityPickup": false,
      "ExtracityShipping": false,
      "RAP": false,
      "RAS": false,
      "regionName": "Одеська область",
      "regionId": 3911,
      "country": 1,
      "districtName": "Овідіопольський"
    },
    {
      "id": "20f54093-d12a-e311-8b0d-00155d037960",
      "name": "Ананьїв",
      "RegionId": "e4ad84fe-cf49-e211-9515-00155d012d0d",
      "IsWarehouse": true,
      "ExtracityPickup": false,
      "ExtracityShipping": false,
      "RAP": false,
      "RAS": false,
      "regionName": "Одеська область",
      "regionId": 3911,
      "country": 1,
      "districtName": "Ананьївський"
    }
  ]
}
```

1.3 Getting a list of representatives - method *GetWarehousesList*.

GET

[api/v4/Public/GetWarehousesList?culture={culture}&includeRegionalCenters={includeRegionalCenters}&CityId={CityId}&RegionId={RegionId}&country={country}](#)

Input parameters

| Name | Data type | Default values | Description |
|------------------------|-----------|----------------|--------------------------------------|
| Culture | String | uk-UA | Culture; Valid values (en-US, uk-UA) |
| includeRegionalCenters | Boolean | false | To display offices? |
| CityId | Guid? | null | City Id |
| RegionId | Guid? | null | Region Id. |
| country | Integer? | null | Country Id (1-Ukraine, null - all) |

Output parameters

Represents as json. Collection of objects {id, name, address, Latitude, Longitude, CityId, LatitudeCorrect, LongitudeCorrect, IsCashOnDelivery, CenterPickUpDelivery}.

id – Warehouse id

name – Warehouse name

address – Warehouse address

Latitude – Latitude (incorrect, because it's mixed up in places with the longitude)

Longitude – Longitude (incorrect, because it's mixed up in places with the latitude)

CityId – City Id

LatitudeCorrect – Correct latitude

LongitudeCorrect – Correct longitude

IsCashOnDelivery – Is there a transfer service at the warehouse

CenterPickUpDelivery – Is there a delivery pick up center at the warehouse

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "id": "0945800b-ea75-eb11-81f8-000d3a20e396",
      "name": "АВАНГАРД",
      "address": "вул. Ангарська, 14-Р",
      "Latitude": 30.617662,
      "Longitude": 46.469537,
      "CityId": "08f54093-d12a-e311-8b0d-00155d037960",
      "LatitudeCorrect": 46.469537,
      "LongitudeCorrect": 30.617662,
      "IsCashOnDelivery": false,
      "CenterPickUpDelivery": false,
      "warehouseType": 0,
      "IsFranchising": true
    },
    {
      "id": "bd0d6c49-6cb0-ea11-81cb-000d3a20e396",
      "name": "АНАНЬІВ",
      "address": "вул. Незалежності,15",
      "Latitude": 29.958105,
      "Longitude": 47.717352,
      "CityId": "20f54093-d12a-e311-8b0d-00155d037960",
      "LatitudeCorrect": 47.717352,
      "LongitudeCorrect": 29.958105,
      "IsCashOnDelivery": false,
      "CenterPickUpDelivery": false,
      "warehouseType": 0,
      "IsFranchising": true
    }
  ]
}
```

1.4 Getting a detailed information about the representatives - method *GetWarehousesInfo*.

GET api/v4/Public/GetWarehousesInfo?culture={culture}&WarehousesId={WarehousesId}

Input parameters

| Name | Data type | Default value | Description |
|--------------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| WarehousesId | Guid | * | Representative Id. |

Output parameters

Represents as json. Collection of objects {id, name, address, operatingTime, Phone, EmailStorage, Latitude, Longitude, LatitudeCorrect, LongitudeCorrect, Office, CityId, CityName, IsWarehouse, RcPhoneSecurity, RcPhoneManagers, RcPhone, RcName, WarehouseForDeliveryId, IsCashOnDelivery, WarehouseType, CenterPickUpDelivery}.

id – Representative id
name – Representative name
address – Representative address
operatingTime – Representative worktime
Phone – Representative phone numbers
EmailStorage – Representative email
Latitude – Latitude (incorrect, because it's mixed up in places with the longitude)
Longitude – Longitude (incorrect, because it's mixed up in places with the latitude)
LatitudeCorrect – Correct latitude
LongitudeCorrect – Correct longitude
Office – Sign of office
CityId – City id
CityName – City name
IsWarehouse – Is a warehouse
RcPhoneSecurity – Security phone number
RcPhoneManagers – Manager department phone number
RcPhone – Regional center phone number
RcName – Regional center name
WarehouseForDeliveryId – Warehouse for delivery
IsCashOnDelivery – Is there a transfer service at the warehouse
WarehouseType – Warehouse type
CenterPickUpDelivery – Is there a delivery pick up center at the warehouse

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": {
    "id": "e627c8fd-d549-e211-9515-00155d012d0d",
    "name": "ОЛЕКСАНДРІЯ",
    "address": "вул. Діброви, 16",
    "operatingTime": "ПН-ПТ: 9:00-18:00, СБ: 9:00-15:00",
    "Phone": "(067) 620-72-76, (05235) 7-12-44",
    "EmailStorage": "als@delivery-auto.com.ua",
    "Latitude": 33.1150260000,
    "Longitude": 48.6727020000,
    "latitudeCorrect": 48.6727020000,
    "longitudeCorrect": 33.1150260000,
    "Office": false,
    "CityId": "1e8e7257-a82a-e311-8b0d-00155d037960",
    "CityName": "Олександрія",
    "IsWarehouse": true,
    "RcPhoneSecurity": "(067) 627-67-95",
    "RcPhoneManagers": "(047) 444-63-99",
    "RcPhone": "(047) 444-63-99",
    "RcName": "Центральний регіональний центр - 2",
    "WarehouseForDeliveryId": null,
    "IsCashOnDelivery": true,
    "WarehouseType": 3,
    "CenterPickUpDelivery": false
  }
}
```


1.5 Getting a list of the warehouses - method *GetWarehousesListByCity*.

GET

api/v4/Public/GetWarehousesListByCity?CityId={CityId}&DirectionType={DirectionType}&culture={culture}

Input parameters

| Name | Data type | Default value | Description |
|---------------|-----------|---------------|---|
| CityId | Guid | * | City Id |
| DirectionType | Integer | * | Direction type: 0 – departure warehouses, 1 – receiving warehouses. |
| culture | String | uk-UA | Culture; Valide values (en-US, uk-UA). |

Output parameters

Represents as json. Collection of objects {id, name, address, operatingTime, Phone, EmailStorage, Latitude, Longitude, LatitudeCorrect, LongitudeCorrect, Office, CityId, CityName, IsWarehouse, RcPhoneSecurity, RcPhoneManagers, RcPhone, RcName, WarehouseForDeliveryId, IsCashOnDelivery, WarehouseType, CenterPickUpDelivery}.

id – Representative id

name – Representative name

address – Representative address

operatingTime – Representative work time

Phone – Representative phone numbers

EmailStorage – Representative email

Latitude – Latitude (incorrect because it's messed up in places with the longitude)

Longitude – Longitude (incorrect because it's messed up in places with the latitude)

LatitudeCorrect – Correct latitude

LongitudeCorrect – Correct longitude

Office – Sign of office

CityId – City id

CityName – City name

IsWarehouse – Is a warehouse

RcPhoneSecurity – Security phone number

RcPhoneManagers – Managers phone number

RcPhone – Regional center phone number

RcName – Regional center name

WarehouseForDeliveryId – Delivery warehouse

IsCashOnDelivery – Is there a transfer service at the warehouse

WarehouseType – Warehouse type

CenterPickUpDelivery – Is there a delivery pick up center at the warehouse

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": {
    "id": "e627c8fd-d549-e211-9515-00155d012d0d",
    "name": "ОЛЕКСАНДРІЯ",
    "address": "вул. Діброви, 16",
    "operatingTime": "ПН-ПТ: 9:00-18:00, СБ: 9:00-15:00",
    "Phone": "(067) 620-72-76, (05235) 7-12-44",
    "EmailStorage": "als@delivery-auto.com.ua",
    "Latitude": 33.1150260000,
    "Longitude": 48.6727020000,
    "latitudeCorrect": 48.6727020000,
    "longitudeCorrect": 33.1150260000,
    "Office": false,
    "CityId": "1e8e7257-a82a-e311-8b0d-00155d037960",
    "CityName": "Олександрія",
    "IsWarehouse": true,
    "RcPhoneSecurity": "(067) 627-67-95",
    "RcPhoneManagers": "(047) 444-63-99",
    "RcPhone": "(047) 444-63-99",
    "RcName": "Центральний регіональний центр - 2",
    "WarehouseForDeliveryId": null,
    "IsCashOnDelivery": true,
    "WarehouseType": 3,
    "CenterPickUpDelivery": false
  }
}
```

1.6 Search for the nearest representatives - method *GetFindWarehouses*.

GET

[api/v4/Public/GetFindWarehouses?culture={culture}&Longitude={Longitude}&Latitude={Latitude}&count={count}&includeRegionalCenters={includeRegionalCenters}&CityId={CityId}](#)

Input parameters

| Name | Data type | Default type | Description |
|------------------------|-----------|--------------|--|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| Longitude | Double | * | Point longitude, from which the search is executed |
| Latitude | Double | * | Point latitude, from which the search is executed |
| count | Integer | 1 | The number of representatives returned in order of increasing distance from the specified point. |
| includeRegionalCenters | Boolean | false | To display offices. |
| CityId | Guid? | null | City Id |

| Name | Data type | Default type | Description |
|---------|-----------|--------------|--|
| type | Integer? | null | Warehouse type (0-warehouse, 3-transfer warehouse) |
| country | Integer? | null | Country Id (1-Ukraine, null - all) |

Output parameters

Represents as json. Collection of objects {id, name, distance, latitude, longitude, LatitudeCorrect, LongitudeCorrect, cityName, address, IsWarehouse, Phone, working_time, WarehouseType, IsRegionalCentre}.

- id – Representative id
- name – Representative name
- distance – Distance from specified point
- latitude – Latitude (incorrect because it's mixed up in places with the longitude)
- longitude – Longitude (incorrect because it's mixed up in places with the latitude)
- latitudeCorrect – Correct latitude
- longitudeCorrect – Correct longitude
- cityName – City name
- address – Warehouse address
- IsWarehouse – Is a warehouse
- phone – Warehouse phone number
- working_time – Work time
- WarehouseType – 0 - warehouse, 3 - transfer warehouse
- IsRegionalCentre – Is a regional center

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "id": "11fb447a-4a97-e411-bf7a-000d3a200160",
      "name": " КУРАХОВЕ",
      "distance": 20.7,
      "longitude": 47.9902660000,
      "latitude": 37.2778887000,
      "longitudeCorrect": 37.2778887000,
      "latitudeCorrect": 47.9902660000,
      "cityName": "Курехове",
      "address": " вул. Грушева, 9/1",
      "IsWarehouse": true,
      "phone": "0675578925",
      "working_time": "ПН-ПТ 9:00-18:00, СБ 9:00-17:00",
      "WarehouseType": 3,
      "IsRegionalCentre": false
    }
  ]
}
```

1.7 Getting a list of the representatives with detailed information about a city - method *GetWarehousesListInDetail*.

GET

api/v4/Public/GetWarehousesListInDetail?culture={culture}&CityId={CityId}&onlyWarehouses={onlyWarehouses}&country={country}

Input parameters

| Name | Data type | Default value | Description |
|----------------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| CityId | Guid? | null | City Id. |
| onlyWarehouses | Boolean | false | Flag – warehouses only |
| country | Integer? | null | Country Id (1-Ukraine, null - all) |

Output parameters

Represents as json. Collection of objects {id, name, address, operatingTime, Phone, EmailStorage, latitude, longitude, latitudeCorrect, longitudeCorrect, Office, CityId, CityName, IsWarehouse, RcPhoneSecurity, RcPhoneManagers, RcPhone, RcName, WarehouseForDeliveryId, IsCashOnDelivery, WarehouseType, CenterPickUpDelivery}.

id – Representative id

name – Representative name

address – Representative address

operatingTime – Representative work time

Phone – Representative phone numbers

EmailStorage – Representative Email

latitude – Latitude (incorrect because it's mixed up in places with longitude)

longitude – Longitude (incorrect because it's mixed up in places with latitude)

latitudeCorrect – Correct latitude

longitudeCorrect – Correct longitude

Office – Sign of office

CityId – City id

CityName – City name

IsWarehouse – Is a warehouse

RcPhoneSecurity – Security phone number

RcPhoneManagers – Managers phone number

RcPhone – Regional center phone number

RcName – Regional center phone number

WarehouseForDeliveryId – Delivery warehouse Id

IsCashOnDelivery – Is there a transfer service at the warehouse

WarehouseType – Warehouse type

CenterPickUpDelivery – Is there a pick up center at the warehouse

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "id": "1c828aa6-70c8-e211-9902-00155d037919",
      "name": " АВДІЇВКА",
      "address": "пр. Індустріальний, 1",
      "operatingTime": "ПН-ПТ 9:00-18:00, СБ 9:00-15:00",
      "Phone": "0676959349",
      "EmailStorage": "avdiyivka@delivery-auto.com.ua",
      "latitude": 37.7081000000,
      "longitude": 48.1624700000,
      "latitudeCorrect": 48.1624700000,
      "longitudeCorrect": 37.7081000000,
      "Office": null,
      "CityId": "4fc948a7-3729-e311-8b0d-00155d037960",
      "CityName": " Авдіївка",
      "IsWarehouse": true,
      "RcPhoneSecurity": "(044) 238-88-56",
      "RcPhoneManagers": "(067) 627-67-58",
      "RcPhone": null,
      "RcName": " Східний регіональний центр - 1",
      "WarehouseForDeliveryId": null,
      "IsCashOnDelivery": true,
      "WarehouseType": 3,
      "CenterPickUpDelivery": false
    }
  ]
}
```

2. Receipts

2.1 Search for a receipt - method *GetReceiptDetails*.

GET api/v4/Public/GetReceiptDetails?culture={culture}&number={number}

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| number | String | * | Receipt number |

Output parameters

Represents json. Collection of objects {id, number, SendDate, ReceiveDate, CreatedData, SenderWarehouseName, ReceptientWarehouseName, Discount, TotalCost, Status, Weight, Volume, Sites, PaymentStatus, Currency, InsuranceCost, InsuranceValue, InsuranceCurrency, PushStateCode, CodCost, CodCurrency, Type, SenderPhone, ReceiverPhone, CitySendName, CityReceiveName, DeliveryType, StatusesDecoding, SafetyDealMoneyStatus, InsuranceInfo}.

- id – Receipt id
- number – Receipt number
- SendDate – Dispatch date
- ReceiveDate – Receiving date
- CreatedData – Creation date
- SenderWarehouseName – Dispatch warehouse
- ReceptientWarehouseName – Receiving warehouse
- Discount – Discount amount
- TotalCost – Receipt total cost
- Status – Receipt current status
- Weight – Cargo total weight
- Volume – Cargo volume
- Sites – Amount of sites
- PaymentStatus – Payment status
- Currency – Receipt currency
- InsuranceCost – Insurance cost
- InsuranceValue – Declared value
- InsuranceCurrency – Insurance currency
- PushStateCode – Dispatch status
- CodCost – Transfer amount
- CodCurrency – Transfer currency
- Type – Receipt type ([see directory 8.4](#))
- Mainbillid – Main receipt id
- Mainbill – Main receipt number
- SenderPhone – Sender's phone number
- ReceiverPhone – Receiver phone number
- CitySendName – Sender's city
- CityReceiveName – Receiver city
- DeliveryType – Delivery scheme ([see paragraph 3.5](#))

StatusesDecoding – Receipt status

SafetyDealMoneyStatus – Safe deal cash status

Output paramters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": {
    "id": "045905c9-b17b-4ccb-8e85-8ec7f5b548e2",
    "number": "0830047053",
    "SendDate": "2014-06-05T09:54:20",
    "ReceiveDate": "2014-06-07T09:54:20",
    "CreatedDate": "2014-06-05T06:52:50",
    "SenderWarehouseName": "КНІВ-02",
    "ReceipientWarehouseName": "ЧЕРНІВЦІ-2",
    "Discount": 0.0,
    "TotalCost": 24.500,
    "Status": 0,
    "Weight": 4.0,
    "Volume": 0.07,
    "Sites": "1",
    "cargoCategory": "",
    "PaymentStatus": true,
    "Currency": 100000000,
    "InsuranceCost": null,
    "InsuranceValue": null,
    "InsuranceCurrency": null,
    "PushStateCode": null,
    "codCost": null,
    "codCurrency": null,
    "Type": 2,
    "DateArrivalExpress": null,
    "SenderPhone": null,
    "ReceiverPhone": null,
    "CitySendName": null,
    "CityReceiveName": null,
    "DeliveryType": null,
    "StatusesDecoding": "Видана",
    "codSender": null,
    "SafetyDealMoneyStatus": null,
    "InsuranceInfo": null
  }
}
```

2.2 Delivery time calculation - method *GetDateArrival*.

GET

api/v4/Public/GetDateArrival?areasSendId={areasSendId}&areasResiveld={areasResiveld}&dateSend={dateSend}¤cy={currency}&warehouseSendId={warehouseSendId}&warehouseResiveld={warehouseResiveld}

Input parameters

| Name | Data type | Default value | Description |
|-------------------|-----------|---------------------|------------------------|
| areasSendId | Guid | * | Sender's city Id. |
| areasResiveld | Guid | * | Arrival city Id. |
| dateSend | String | * | Dispatch date. |
| currency | Integer | 100000000 (hryvnia) | Currency code. |
| warehouseSendId | Guid? | null | Dispatch warehouse id. |
| warehouseResiveld | Guid? | null | Arrival warehouse id. |

Output parameters

Represents as json. Collection of objects {arrivalDate}.

arrivalDate – Arrival date in format YYYY-MM-DDThh:mm:ss±hh
sendDate – Dispatch date in format YYYY-MM-DDThh:mm:ss±hh
arrivalDateStr – Arrival date in format DD.MM.YYYY
sendDateStr – Dispatch date in format DD.MM.YYYY

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": {
    "arrivalDate": "2021-09-20T16:00:00+03:00",
    "sendDate": "2021-09-17T20:00:00+03:00",
    "weightSummary": null,
    "volumeSummary": null,
    "arrivalDateStr": "20.09.2021",
    "sendDateStr": "17.09.2021"
  }
}
```


3. Transportation cost calculation

3.1 Data models for information exchange:

```
class CalculatorModel //Main calculator model
{
    string senderId; //Sender's id for calculations taking into account own discounts
    string culture; //Culture
    string areasSendId; //Dispatch city id
    string areasResiveId; //Receiving city id
    string warehouseSendId; //Dispatch warehouse id
    string warehouseResiveId; //Receipt warehouse id
    string areasSendIdName; //Dispatch city name
    string areasResiveIdName; //Receiving city name
    string warehouseSendIdName; //Dispatch warehouse name
    string warehouseResiveIdName; //Receiving warehouse name
    double CashOnDeliveryValue; //Transfer amount
    int CashOnDeliveryValuta; //Transfer currency
    double InsuranceValue; //Cargo insurance value
    decimal InsuranceCost; //Insurance cost
    DateTime? dateSend; //Dispatch date
    DateTime? dateResive; //Receiving date
    int climbingToFloor; //Delivery to the floor
    int descentFromFloor; //Descent from the floor
    int deliveryScheme; //Delivery scheme
    List<CategoryModel> category; //Enumerations of cargo categories
    List<DopUslugaClassificationModel> dopUslugaClassifier; //Enumerations of
add. services
    decimal? categorySumma;
    decimal? allSumma; //Total shipping cost
    bool status; //Settlement status
    bool denyIssue; //Prohibition of issuance
    bool EconomDelivery; //Economy delivery, flag
    bool EconomPickUp; //Economy pick up, flag
    bool IsGidrobort; //Tail lift, flag
    bool IsOverSize; //Oversized, flag
    bool isPostomat; //Prohibition of issuance, flag
    string comment; //Settlement description
    decimal? SummaryTransportCost; //Warehouse-warehouse shipment cost
    decimal? SummaryDuCost; //Add. Services cost
    decimal? SummaryOfornlenieCost; //Formalization cost
    int currency; //Currency
    int viewType;
}
class CategoryModel //Cargo category model
{
    string categoryId; //Cargo category id
    string categoryIdName; //Cargo category name
    int classification;
    int countPlace; //Amount of places
    double? help; //Weight
    double? size; //Wolume
    double? height; //Height
    double? lenght; //Length
    double? width; //Width
```

```

    double? helpTarif; //Tariff per kg
    double? egTarif; //Tariff per unit of cargo
    double? oformlenie; //Formalization cost per place
    double? oformlenieCost; //The total cost of formalization
    double? deliveryCost; //Shipment cost
    double? documentCost;
    string comment; //Settlement progress
}
public class DopUslugaClassificationModel //Add. Services category model
{
    int classification; //Category code
    string name; //Category name
    List<DopUslugaModel> dopUsluga; //Enumeration of add. services
}
public class DopUslugaModel //Add. service model
{
    string uslugId; //Add. service id
    string name; //Add. service name
    decimal? cost; //Add. service name
    int count; //Amount of services
    int classification;
    decimal? minWidth; //Minimal weight
    decimal? maxWidth; //Maximal weight
    decimal summa; //Add. service total cost
    string comment;
    int currency; //Currency
}

```

3.2 Add. services and their included add. services categories directory output - method *GetDopUslugiClassification*.

GET

api/v4/Public/GetDopUslugiClassification?culture={culture}¤cy={currency}&CitySendId={CitySendId}&CityReceiveId={CityReceiveId}&formalization={formalization}

Input parameters

| Name | Data type | Default value | Description |
|---------------|-----------|---------------|---|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| currency | Integer | 100000000 | Currency code |
| CitySendId | Guid | * | Dispatch city id |
| CityReceiveId | Guid | * | Receipt city id. |
| formalization | Boolean | false | To display add. services for a cost calculation (false) or for a registration (true). |

Output parameters

Represents as json. Collection of objects DopUslugaClassificationModel

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "classification": 100000005,
      "name": "Пакувальні матеріали",
      "dopUsluga": [
        {
          "uslugaid": "2b4247c9-be8c-e211-be60-00155d037919",
          "name": "Доупаковка MAXI",
          "cost": 9.00000000,
          "count": 0,
          "classification": 0,
          "minWidth": null,
          "maxWidth": null,
          "summa": 0.0,
          "comment": null
          "currency": 100000001
        },
        {
          "uslugaid": "3e9cde5d-bf8c-e211-be60-00155d037919",
          "name": "Доупаковка MIDI",
          "cost": 6.00000000,
          "count": 0,
          "classification": 0,
          "minWidth": null,
          "maxWidth": null,
          "summa": 0.0,
          "comment": null
          "currency": 100000001
        }
      ]
    }
  ]
}
```

3.3 Tariff categories directory output - method GetTariffCategory.

GET

api/v4/Public/GetTariffCategory?CitySendId={CitySendId}&CityReceiveId={CityReceiveId}&WarehouseReceiveId={WarehouseReceiveId}&culture={culture}

Input parameters

| Name | Data type | Default value | Description |
|--------------------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| CitySendId | Guid | * | Dispatch city. |
| CityReceiveId | Guid | * | Receipt city. |
| WarehouseReceiveId | Guid | * | Receipt warehouse. |

Output parameters

Represents as json. Collection of objects {id, name, MaxWidth, MaxSize, MinSize, MinWidth, Length, Width, Height, RequiredWeight, RequiredSize}

Id – Tariff category id

name – Tariff category name

MinWidth – Minimal weight

MaxSize – Maximal size

MinSize – Minimal size

MaxWidth – Maximal weight

Length – Length

Width – Width

Height – Height

RequiredWeight – Allowed weight

RequiredSize – Allowed size

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "MinWidth": null,
      "MaxWidth": null,
      "MinSize": null,
      "MaxSize": null,
```

```

    "Length": null,
    "Width": null,
    "Height": null,
    "RequiredWeight": null,
    "RequiredSize": null,
    "id": "00000000-0000-0000-0000-000000000000",
    "name": "Вантаж"
  },
  {
    "MinWidth": 0.0000,
    "MaxWidth": 2000.0000,
    "MinSize": 0.4100,
    "MaxSize": 2.4000,
    "Length": null,
    "Width": null,
    "Height": null,
    "RequiredWeight": true,
    "RequiredSize": true,
    "id": "62c7b796-e648-e211-ab75-00155d012d0d",
    "name": "\"Американка-1\" 1,0м x 1,2м x 2м"
  }
]
}

```

3.4 Getting cargo categories - method *GetCargoCategory*.

GET

api/v4/Public/GetCargoCategory?TariffCategoryId={TariffCategoryId}&culture={culture}

Input parameters

| Name | Data type | Default value | Description |
|------------------|-----------|---------------|---------------------------------------|
| TariffCategoryId | Guid | null | Tariff category id. |
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |

Output parameters

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "data": [
    {
      "id": "0f07d03b-9e36-e311-8b0d-00155d037960",
      "name": "Документи"
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format.

```
<ApiResult>
  <status>true</status>
  <message/>
  <data>
    <DirectoryItem>
      <id>0f07d03b-9e36-e311-8b0d-00155d037960</id>
      <name>Документи</name>
    </DirectoryItem>
  </data>
</ApiResult>
```

3.5 Delivery scheme directory output - method GetDeliveryScheme.

GET

api/v4/Public/GetDeliveryScheme?CitySendId={CitySendId}&CityReceiveId={CityReceiveId}&WarehouseReceiveId={WarehouseReceiveId}&culture={culture}

Input parameters

| Name | Data type | Default Value | Description |
|--------------------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| CitySendId | Guid | * | Dispatch city id. |
| CityReceiveId | Guid | * | Receipt city id. |
| WarehouseReceiveId | Guid | * | Receipt warehouse id. |

Output parameters

Represents as json. Collection of objects {id,name }

Id – Delivery scheme id

name – Delivery scheme name

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "name": "Warehouse-Warehouse",
      "id": 0
    },
    {
      "name": "Door-Door",
      "id": 1
    },
    {
      "name": "Warehouse-Door",
      "id": 2
    },
    {
      "name": "Door-Warehouse",
      "id": 3
    }
  ]
}
```

3.6 Cost of transportation calculation - method PostReceiptCalculate.

POST api/v4/Public/PostReceiptCalculate

Input parameters

| Name | Data type | Description |
|-------|---|---|
| input | CalculatorModel (see par. 3.1) | Model that describes input and output parameters of the calculator. |

Input parameters format:

```
{
  "senderId": "00000000-0000-0000-0000-000000000000", //Sender's Id
  "culture": "uk-UA", //Culture
  "areasSendId": "4fc948a7-3729-e311-8b0d-00155d037960", //Dispatch city
  "areasResiveId": "e3ac6f68-3529-e311-8b0d-00155d037960", //Arrival city
  "warehouseSendId": "1c828aa6-70c8-e211-9902-00155d037919", //Dispatch warehouse
  "warehouseResiveId": "d908c5e1-b36b-e211-81e9-00155d012a15", //Arrival warehouse
  "InsuranceValue": 1000000, //Cargo insurance cost
  "CashOnDeliveryValue": 5000, //Transfer cost
  "dateSend": "06.06.2014", //Dispatch date
  "deliveryScheme": 2, //Delivery scheme
  "category": [ //Cargo categories array
    {
      "categoryId": "00000000-0000-0000-0000-000000000000", //Cargo category id
    }
  ]
}
```

```

        "countPlace": 1, //Amount of places
        "help": 1, //Cargo weight
        "size": 1 //Cargo size
    }],
    "dopUslugaClassifier": [
    {
        "dopUsluga": [ //Add. services array
        {
            "uslugaId": "2b4247c9-be8c-e211-be60-00155d037919", //Add. service id
            "count": 1 //Amount of add. services
        },
        {
            "uslugaId": "3e9cde5d-bf8c-e211-be60-00155d037919",
            "count": 5
        }
        ]
    }
    ]
}
-----
{
    "senderId": "00000000-0000-0000-0000-000000000000",
    "culture": "uk-UA",
    "areasSendId": "d2ea868c-2829-e311-8b0d-00155d037960",
    "areasResiveId": "A8FA4093-D12A-E311-8B0D-00155D037960",
    "warehouseSendId": "dd3a6d45-b249-e211-ab75-00155d012d0d",
    "warehouseResiveId": "A3F0FA22-8C43-E211-B182-00155D037A52",
    "InsuranceValue": 1000000,
    "CashOnDeliveryValue": 5432,
    "dateSend": "06.06.2014",
    "deliveryScheme": 0,
    "category": [
    {
        "categoryId": "00000000-0000-0000-0000-000000000000",
        "countPlace": 1,
        "help": 11,
        "size": 0.11
    },
    {
        "categoryId": "00000000-0000-0000-0000-000000000000",
        "countPlace": 1,
        "help": 12,
        "size": 0.12
    }
    ]
}

```


Output parameters

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data":
    {
      "SummaryTransportCost":230, //Warehouse-warehouse transportation cost
      "SummaryDuCost":99, //Add. services cost
      "SummaryOfornlenieCost":1.5, //Formalization cost
      "EconomyVesovojTarifValuta": 16.5, //Saving by weight tariff
      "EconomyEconomTarifValuta": 0, //Saving by econom-tariff
      "EconomySpecTarifValuta": 0, //Saving by special tariff
      "EconomyIndTarifValuta": 0, //Saving by individual tariff
      "EconomyGlobalDiscountValuta": 0, //Saving by global discount
      "EconomyDiscountCardValuta": 0, //Saving by discount card
      "EconomyAktsiyaValuta": 0, //Saving by direction/warehouse discount
      "EconomyOnAmountSkidka":0, //Saving by discount amount
      "EconomySummary": 16.5, //Total savings on receipt
      "ComissionGM":100, //Transfer commission: 2% from amount + 20 hrn
      "culture":"uk-UA", //Culture
      "calcType":null,
      "areasSendId":"4fc948a7-3729-e311-8b0d-00155d037960", //Dispatch city id
      "areasResiveId":"e3ac6f68-3529-e311-8b0d-00155d037960", //Arrival city id
      "warehouseSendId":"1c828aa6-70c8-e211-9902-00155d037919", //Dispatch warehouse id
      "individualTarifId":null, //Individual tariff id
      "warehouseResiveId":"d908c5e1-b36b-e211-81e9-00155d012a15", //Arrival warehouse
      id
      "areasSendIdName":"Авдіївка", //Dispatch city name
      "areasResiveIdName":"Бахмут", //Arrival city name
      "warehouseSendIdName":"АВДІЇВКА", //Dispatch warehouse name
      "warehouseResiveIdName":"БАХМУТ", //Arrival warehouse name
      "InsuranceValue":1000000, //Cargo insurance value
      "InsuranceCost":4000, //Insurance cost
      "dateSend":"01.06.2014", //Dispatch date
      "dateResive":"04.06.2014", //Receiving date
      "deliveryScheme":2, //Delivery scheme
      "category":[ //Categories array
        {
          "categoryId":"00000000-0000-0000-0000-000000000000", //Cargo category id
          "cargoCategoryId":null, //Dispatch cargo category
          "categoryIdName":"Вантаж", //Cargo category name
          "cargoCategoryIdName":"", //Dispatch cargo name
          "classification":0, //Category code
          "countPlace":1, //Amount of places
        }
      ]
    }
}
```

```

    "help":1, //Weight
    "size":1, //Size
    "height":0, //Height
    "length":0, //Length
    "width":0, //Width
    "helpTarif":0.98, //Weight tariff
    "egTarif":230, //Tariff per unit of cargo
    "oformlenie":1.5, //Formalization cost
    "oformlenieCost":1.5, //Formalization total cost
    "deliveryCost":230, //Delivery cost
    "documentCost":230,
    "comment":"Расчет по общему тарифу за объем\r\n
Стоимость перевозки составляет 230,00(грн./м3)*1,0000(м3) = 230,00 грн.\r\n
При скидке в 0% сумма перевозки со скидкой составляет 230,00 грн.\r\n"
    "isEconom":false, //Economical but longer delivery
    "isExpress":false, //Express delivery?
    "isIndividual":null, //Individual tariff?
    "PartnerNumber":null, //Partner's declaration number
    "weightSummary":1, //Total weight
    "volumeSummary":1 //Total size
}],
"dopUslugaClassificator":[ //Add. services categories array
{
    "classification":100000005, //Category code
    "name":"Пакувальні матеріали", //Category name
    "dopUsluga":[ //Add. services array inside category
{
        "uslugId":"2b4247c9-be8c-e211-be60-00155d037919", //Add. service id
        "name":"Доупаковка MAXI", //Add. service name
        "cost":9.00000000, //Add. service cost
        "count":1, //Amount of add. services
        "classification":100000005, //Category code
        "minWidth":null, //Minimal weight
        "maxWidth":null, //Maximal weight
        "summa":9, //Add. service total cost
        "comment":null
    },
{
        "uslugId":"3e9cde5d-bf8c-e211-be60-00155d037919",
        "name":"Доупаковка MIDI",
        "cost":6.00000000,
        "count":5,
        "classification":100000005,
        "minWidth":null,
        "maxWidth":null,
        "summa":30,
        "comment":null
    }
    ]
},
{
    "classification":100000014,
    "name":"Забор/доставка",

```

```

"dopUsluga":[
{
  "uslugaId":"5bfb9362-04a9-e211-9619-00155d037919",
  "name":"Доставка до 500 кг",
  "cost":60.00000000,
  "count":1,
  "classification":10000014,
  "minWidth":null,
  "maxWidth":null,
  "summa":60,
  "comment":null
}]
}],
"categorySumma":null,
"allSumma":4330.5, //Total delivey cost
"status":true, //Execution status
"comment":"Расчет по общему тарифу за объем в ТЗ 1
Стоимость перевозки составляет 645,0000(грн./м3)*1,0000(м3) = 645,00
грн.
При скидке в 0,00% сумма перевозки со скидкой составляет 645,00 грн.
В стоимость квитанции включена доп.услуга 'Доупаковка МАХI-Прозрачная
(стрейч 3м, скотч 4м, гофрокартон 1м)' количеством 1 ед.
Общая сумма заказанной доп.услуги = 22,00 грн.
В стоимость квитанции включена доп.услуга 'Доупаковка MIDИ-Прозрачная
(стрейч 2м, скотч 2м, гофрокартон 0,5м)' количеством 5 ед.
Общая сумма заказанной доп.услуги = 90,00 грн.
В стоимость квитанции включена доп.услуга
'Доставка груза от 101 кг до 300 кг' количеством 1 ед.
Общая сумма заказанной доп.услуги = 130,00 грн.
В стоимость квитанции включена доп.услуга
'Оформление багажа' количеством 1 ед.
Общая сумма заказанной доп.услуги = 3,00 грн.
В стоимость квитанции включена доп.услуга
'Услуга наложенного платежа' количеством 1 ед.
Общая сумма заказанной доп.услуги = 10,00 грн.
Стоимость перевозки склад-склад 645,00 грн.
Стоимость перевозки склад-склад со скидкой 645,00 грн.
Стоимость доп.услуг: 255,00 грн.
Стоимость страхования: 4000,00 грн.
Общая стоимость квитанции: 900,00 грн.
Стоимость транспортно-экспедиционных услуг округлена до 1,00 грн.
Стоимость услуги страхования округлена до 1,00 грн. ",
"viewType":0,
"currency":100000000 //Currency code
}
}

```

3.7 Getting the cost of insurance - method *GetInsuranceCost*.

GET

api/v4/Public/GetInsuranceCost?CitySendId={CitySendId}&CityReceiveId={CityReceiveId}&WarehouseSendId={WarehouseSendId}&WarehouseReceiveId={WarehouseReceiveId}&InsuranceValue={InsuranceValue}&PaymentType={PaymentType}&InsuranceCurrency={InsuranceCurrency}

Input parameters

| Name | Data type | Default value | Description |
|--------------------|-----------|---------------|---|
| CitySendId | Guid? | null | Dispatch city id. |
| CityReceiveId | Guid? | null | Receipt city id. |
| WarehouseSendId | Guid | * | Dispatch warehouse id. |
| WarehouseReceiveId | Guid | * | Receipt warehouse id. |
| InsuranceValue | Double | * | Declared cargo cost. |
| PaymentType | Boolean | * | Payment type (false – cash/true – non-cash) |
| InsuranceCurrency | Integer | 100000000 | Insurance payment currency. |

Output parameters

Output parameters format

application/json, text/json

Represents as json. Collection of objects {id,name }

Value – Insurance value

MinValue – Declared cargo minimal cost for the direction

Example:

In json format.

```
{
  "Value": 40.0,
  "MinValue": 10000.0,
  "status": true,
  "message": null
}
```

4. Communication with the user

4.1 Data models for the information exchange:

```
public class RateServicesModel
{
    Guid OfficeId; //Representative id
    int WarehousePlacing; //Warehouse location
    int CargoReceiveSpeed; //Cargo receiving speed
    int CargoOutputSpeed; //Cargo output speed
    int DocumentsIssuanceSpeed; //Documents formalization speed
    int DeliverySpeed; //Cargo delivery speed
    int TarrifsRate; //Transportation tariff (warehouse-warehouse)
    int CargoLoadTarrifs; //Cargo loading-delivery tariffs
    int WorkersCulture; //Warehouse service workers culture
    int QualityInGeneral; //Branch services quality in general
    string YourRecomendations; //Your wishes and recommendations
    string ClientNumber; //Client's barcode
    string Name; //Client's name
    string LastName; //Client's last name
    string SecondName; //Client's patronymic
    string Phone; //Client's phone number
    string Email; //Client's email
    string CompanyName; //Company name
}
```

```
class PickupCargoModel
{
    string ContactName; //The contact person
    string Name; //Organization name/Full name
    string PhoneNumber; //Phone number
    string Email; //Email
    string Area; //Area
    string City; //City
    string Address; //Address
    string AccessMode; //Presence of access mode
    int? Weight; //Cargo weight
    int? Size; //Cargo size
    int? Quantity; //Amount of places
    string Date; //Loading date
    string Time; //Desired time
    string Note; //Note
    bool? IsFloor; //Descent from the floor?
    string Floor; //Floor
    sting ToCity; //Receipt city
}
```

```
class ContactsMessageModel
{
    string ReceiptNumber; //Receipt number
    string Name; //Full name
    string Phone; //Phone number
    string Email; //Email
    string Subject; //Subject of message
    Guid? Warehouse //Warehouse id
    string Message; //Message
    string CategoryName; //Message category name
}
```

4.2 Getting company news - method GetNews.

GET api/v4/Public/GetNews?culture={culture}&count={count}&page={page}

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| count | Integer | 1 | Amount of returning records on page |
| page | Integer | 1 | News page number. |

Output parameters

Represents as json. Collection of objects {NewsItemId, Title, ShortContent, Content, PublishDate, ImageName, ImageUrl, ImageContent, WarehousesId}.

NewsItemId – News id

Title – News title

ShortContent – Brief content of the news

Content – Content of the news

PublishDate – Publication date

ImageName – Image name

ImageUrl – Image link

ImageContent – Image file content

WarehousesId – Warehouse id

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "NewsItemId": 133905,
      "Title": "Відновлення роботи представництва у м. Рогатин",
      "ShortContent": "Відновлення роботи представництва у м. Рогатин",
      "Content": "<p><span style=\"font-size:14px\"><span style=\"font-family:arial,Helvetica,sans-serif\">Шановні клієнти!</span></span></p>\r\n\r\n<p><span style=\"font-size:14px\"><span style=\"font-family:arial,Helvetica,sans-serif\">3 14 березня&nbsp;<strong>Відновлює роботу&nbsp;<strong>в&nbsp;<strong>відділення&nbsp;</strong><strong>у&nbsp;</strong>&nbsp;<strong>м.</strong>&nbsp;<strong>Рогатин</strong></span></span></p>\r\n\r\n<p><br />\r\n<span style=\"font-size:14px\"><span style=\"font-family:arial,Helvetica,sans-serif\"><strong>Адреса:</strong>&nbsp;<strong>Івано-Франківська обл., м. Рогатин, вул. Стуса 86</strong></span></span></p>\r\n\r\n<p><span style=\"font-size:14px\"><span style=\"font-family:arial,Helvetica,sans-serif\"><strong>Телефон:&nbsp;</strong><strong>(066) 209-75-24</strong></span></span></p>\r\n\r\n<p><span style=\"font-size:14px\"><span style=\"font-family:arial,Helvetica,sans-serif\"><strong>Графік
```

```

роботи:</strong></span></span></p>\r\n\r\n<p><span style="font-size:14px"><span style="font-
family:arial,Helvetica,sans-serif">ПН-ПТ: 09:00-18:00</span></span></p>\r\n\r\n<p><span
style="font-size:14px"><span style="font-family:arial,Helvetica,sans-serif">СБ: 09:00-
15:00</span></span></p>\r\n\r\n<p><br />\r\n<span style="font-size:14px"><span style="font-
family:arial,Helvetica,sans-serif"><em>Раді вас бачити у наших
представництвах!</em></span></span></p>\r\n",
    "PublishDate": "2024-03-13T00:00:00",
    "ImageName": null,
    "ImageUrl": null,
    "ImageContent": "",
    "WarehousesId": null
  }
]
}

```

4.3 Getting a message subject - method `GetMessagesTheme`.

GET api/v4/Public/GetMessagesTheme?culture={culture}

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |

Output parameters

Represents as json. Collection of objects {Id, Name}.

Id – Subject id

Name – Subject name

Output parameters format

application/json, text/json

Example:

```

{
  "status": true,
  "message": "",
  "data": [
    {
      "Id": "AGREEMENT",
      "Name": "Укладення договору"
    },
    {
      "Id": "CARGO_DAMAGE",
      "Name": "Затримка, втрата, пошкодження вантажу"
    },
    {
      "Id": "ACCEPTANCE_DOCUMENT",
      "Name": "Отримання акту виконаних робіт та податкових накладних"
    }
  ]
}

```

4.4 Submitting an assessment of the company's performance - method *PostServiceRate*.

POST api/v4/Public/PostServiceRate

Input parameters

| Name | Data type | Description |
|-------|-------------------|--|
| input | RateServicesModel | Model that describes input and output parameters |

Example of input parameters:

```
{
  "OfficeId": "1c828aa6-70c8-e211-9902-00155d037919",
  "WarehosePlacing": 3,
  "CargoReceiveSpeed": 4,
  "CargoOutputSpeed": 5,
  "DocumentsIssuanceSpeed": 6,
  "DeliverySpeed": 7,
  "TarrifsRate": 8,
  "CargoLoadTarrifs": 9,
  "WorkersCulture": 10,
  "QualityInGeneral": 11,
  "YourRecomendations": "sample string 12",
  "ClientNumber": "1234567890",
  "Name": "name",
  "LastName": "last name",
  "SecondName": "second name",
  "Phone": "123456",
  "Email": "name@name.ru",
  "CompanyName": "test"
}
```

Output parameters

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": ""
}
```


4.5 Sending a vehicle order - method PostPickUpCargo.

POST api/v4/Public/PostPickUpCargo

Input parameters

| Name | Data type | Description |
|-------|------------------|--|
| input | PickUpCargoModel | Model that describes input and output parameters |

Example of input parameters:

```
{
  "ContactName": "contact name",
  "Name": "name",
  "PhoneNumber": "123456",
  "Email": "name@name.ru",
  "Area": "Ar. Krim",
  "City": "donetsk",
  "Address": "test",
  "AccessMode": "1",
  "Weight": 1,
  "Size": 2,
  "Quantity": 3,
  "Date": "01.01.2014",
  "Time": "15:00",
  "Note": "sample string 11",
  "IsFloor": true,
  "Floor": "10",
  "ToCity": "qwe"
}
```

Output parameters

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
}
```

5. User area, register

5.1 Login – method PostLogin

POST api/v4/Public/PostLogin

Input parameters

| Name | Data type | Description |
|-------|------------|--|
| model | LoginModel | Model that describes input and output parameters |

Example of input parameters:

```
{
  "UserName": "iv.iv.ivankov@gmail.com", //User's login
  "Password": "123456", //User's password
  "RememberMe": true //Remember me
};
```

Output parameters

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": ""
}
or
{
  "status": false,
  "code": 401,
  "message": "Невірний логін або пароль",
}
or
{
  "status": false,
  "code": 0,
  "message": ex.Message
}
```

5.2 Logout – method PostLogoff

POST api/v4/Public/PostLogoff

Method requires authorization

Input parameters

Missing

Output parameters

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": ""
}
```

5.3 Getting an information about user – method GetUserInfo.

GET api/v4/Public/GetUserInfo?culture={culture}

Method requires authorization

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |

Output parameters

Represents as json. Object {Id, AccessLevel, UserName, SmsPhoneNumber, ClientType, ClientNumber, PhoneNumber, CrmUserId, Email, showHelpHide, Photo, RoleName, IsLoyaltyProgram, AvailablePoints, CurrentPoints, City, ConfirmPhine}.

Id – Client id in website database

AccessLevel – Level of access

UserName – User's name

SmsPhoneNumber – User's SMS phone number

ClientType – Client type (Natural person(false)/Legal entity(true))

ClientNumber – Client barcode

PhoneNumber – User's phone number

CrmUserId – Client id in CRM

Email – Email address

RoleName – User's role

IsLoyaltyProgram – Is registrated in loyalty program?

AvailablePoints – Loyalty program availabe points

CurrentPoints – Loyalty program current points

City – City (Client location)

ConfirmPhone – Confirmed user's phone number (to enter the website)

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": {
    "Id": "45023",
    "AccessLevel": "Повний доступ",
    "UserName": "!!! Тестовий клієнт для сайту",
    "SmsPhoneNumber": 662332658,
    "ClientType":false,
    "ClientNumber": "00022558",
    "PhoneNumber": 662332658,
    "CrmUserId": "abcdefab-0123-4567-89ab-0123456789ab",
    "Email": "test@test.ts",
    "showHelpHide":null,
    "Photo":null,
    "RoleName":"PowerUser",
    "IsLoyaltyProgram":false,
    "AvailablePoints":0,
    "CurrentPoints":0,
    "City":"Київ",
    "ConfirmedPhone":null
  }
}
```

5.4 Getting user receipts – method GetUserReceipt.

GET

api/v4/Public/GetUserReceipt?page={page}&rows={rows}&type={type}&culture={culture}&detail={detail}

Method requires authorization

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---|
| page | Integer | 1 | Receipt page |
| rows | Integer | 10 | Number of displayed lines |
| type | Integer | 0 | Receipt type (0 – sending, 1 – receiving) |
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| detail | Boolean | true | Is there a need to return information about add. services and potential recipients. |

Output parameters

Represents as json. Object {id, number, SendDate, ReceiveDate, SenderWarehouseName, TotalCost, ReceptientWarehouseName, Status, StatusesDecoding, Weight, Volume, PaymentStatus, Currency, CanChangeReceptient, LockShipping, IsPrivate, IsAllowDeny, Sender, Receptient, Payer, StatedValue, Sites, PriceWarehouseWarehouse, AuxServicesList, InsuranceCost, InsuranceValue, PossibleReceivers, codCost, codCurrency, codName, codWarehouse, isGiveMoney, SafetyDealMoneyStatus}.

id – Receipt id,

number – Receipt number,

total – Amount of pages with receipts,

SendDate – Date the receipt was sent,

ReceiveDate – Date the receipt was received,

SenderWarehouseName – Warehouse from which the receipt is sent,

ReceptientWarehouseName – Warehouse to which the receipt is sent,

Status – Receipt status,

StatusesDecoding – Receipt text status,

TotalCost – Total cost,

PartnerNumber – Partner declaration number,

Type – Receipt type ([see. directory 8.4](#)),

Weight – Weight,

Volume – Volume,

PaymentStatus – Payment status,
Currency – Currency,
CanChangeReceipient – Is it possible to change sender,
LockShipping – Prohibition on issuance,
IsPrivate – Is closed for view,
IsAllowDeny – Is allowed for removing or establishing on issuance prohibition,
Sender – Sender's name,
Receipient – Receipient's name,
Payer – Payer's name,
StatedValue – Declared value,
Sites – Amount of sites,
PriceWarehouseWarehouse – Shipping cost without discount and add. services,
AuxServicesList – List of add. services,
InsuranceCost – Insurance cost,
InsuranceCurrency – Insurance currency,
PossibleReceivers – List of possible receipients,
PushStateCode – Sanding state
codCost – Declared cargo cost,
codCurrency – Transfer currency,
SenderPhone – Sender's phone number (null if not an express delivery)
ReceiverPhone – Receipient's phone number (null if not an express delivery)
AddressPickup – Express delivery shipping address (null if not an express delivery)
AddressDelivery – Express delivery load address
DateArrivalExpress – Express delivery date and time
CitySendName – Dispatch city
DeliveryType – Delivery scheme
codName – Transfer receipient's name,
codWarehouse – Transfer warehouse name,
isGiveMoney – Is transfer issued to receipient
codGiveMoneyDate – Date of issuing transfer to sender
SafetyDealMoneyStatus – Safe deal funds status

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "id": "c26032e6-fd57-4b8a-827b-eb93a736a80b",
      "number": "9900043094",
      "SendDate": "2015-10-28T00:00:00",
      "ReceiveDate": "2015-10-29T00:00:00",
    }
  ]
}
```

```
"SenderWarehouseName": "КИЇВ-1",
"ReceipientWarehouseName": "КИЇВ-1",
>Status": "8",
>StatusesDecoding": "Зарезервована",
>TotalCost": 278.000,
"PartnerNumber": "",
"Weight": 100.000,
"Volume": 1.000000,
"PaymentStatus": false,
"Currency": 100000000,
"CanChangeReceipient": false,
"LockShipping": false,
"IsPrivate": 0,
"IsAllowDeny": true,
"Sender": "!! Іванков Іван Тест",
"Receipient": "!! Новий Клієнт Київ",
"Payer": "!! Іванков Іван Тест",
"StatedValue": 1000.000,
"Sites": "2",
"PriceWarehouseWarehouse": 262.000,
"codCost": 1000.000,
"codCurrency": 100000000,
"codName": "Іван Іванович Іванов",
"codPhone": "0669854652",
"codWarehouse": "ДНІПРО-1Центр З/Д (Лівий бер.)",
"AuxServicesList": [
  {
    "Id": "3d39b06b-c80b-4ca8-be5c-4ad3e59439b5",
    "ReceiptId": null,
    "Name": "Оформлення багажу",
    "Count": 2,
    "Summ": 6.00000
  },
  {
    "Id": "0b23e486-9362-4615-b12c-63fd813ffdef",
    "ReceiptId": null,
    "Name": "Повернення палет",
    "Count": 1,
    "Summ": 10.00000
  }
],
"InsuranceCost": 0.0,
"InsuranceCurrency": 100000000,
"PossibleReceivers": [
  {
    "Id": "35ba4253-b1fe-4cdc-b5da-820a7e891e3f",
    "ReceiptId": null,
    "Name": " Козлов, ФОП"
  }
],
"PushStateCode": 0
}
]
```

5.5 Receiving applications for user's address logistics – method *GetUserPickUp*.

GET api/v4/Public/GetUserPickUp?page={page}&rows={rows}&dateFrom={dateFrom}&dateTo={dateTo}&state={state}&pickDeliv={pickDeliv}

The method requires authorization

Input parameters

| Name | Data type | Default value | Description |
|-----------|-----------|---------------|--|
| page | Integer | 1 | Application page |
| Rows | Integer | 10 | Amount of displayed rows |
| State | Integer | null | Order status (see directory 8.5) |
| dateFrom | DateTime | null | From date Filter by registration date |
| dateTo | DateTime | null | To date |
| pickDeliv | Boolean | null | null – all, false – pick up, true – delivery |

Output parameters

Represents as json. Object {Address, AppDate, AppNumber, AppState, AppTime: {from, to}, CityName, Comment, ContactPhone, CreatedDate, HasReceipts, PickDeliv, Places, Receipts, SenderPhone, Volume, Weight, additionalPacking, addressText, canCancelOrder, cityText, dontCall, halfDiscount, hydrobort, needAuto, payType, paymentStatus, senderEmail, senderName}.

Address – Pick up address,
AppDate – Pick up date,
AppNumber – Pick up number,
AppState – Order status ([see directory 8.5](#)),
AppTime – Pick up period (hours) :
 from – time from
 to – time to,
CityName – City Name,
Comment – Comment,
ContactPhone – Sender's contact phone number,
CreatedDate – Creation date and time,
HasReceipts – Does it has receipts,
PickDeliv – Pick up/Delivery,
Places – Amount of places,
Receipts – Attached receipts,
SenderPhone – Sender's phone number,
Volume – Total volume,

Weight – Total weight,
additionalPacking– Is there additional packaging,
canCancelOrder – Can the order be canceled,
cityText – City name,
dontCall – Do not call back before execution,
halfDiscount – Is there a 50% discount on cargo pick up upon delivery,
hydrobort – Is there a tail lift,
needAuto – Is it necessary to provide an additional car,
payType – Payment type,
paymentStatus – Service payment status,
senderEmail – Sender's email,
senderName – Sender's name

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "data": [
    {
      "Address": "Lviv, Test st. 1a",
      "AppDate": "2024-05-20T00:00:00+03:00",
      "AppId": "ea000000-bab0-eb00-0000-000d0a00e000",
      "AppNumber": "12345678",
      "AppOrderId": "00000000-0000-0000-0000-000000000000",
      "AppState": 100000000,
      "AppTime": {
        "from": 10,
        "to": 17
      },
      "CityName": "Lviv",
      "ClosedDate": null,
      "Comment": "Comment",
      "ContactPhone": "0501112233",
      "CreatedDate": "2024-05-18T10:12:24+03:00",
      "HasReceipts": false,
      "PackComment": null,
      "PickDeliv": true,
      "Places": "1",
      "Receipts": [

    ],
    "SenderPhone": "0501112233",
    "Volume": 1,
    "Weight": 1,
    "additionalInfo": [

  ],
  "additionalPacking": false,
  "addressText": null,
  "canCancelOrder": true,
  "cancelingInModeration": false,
  "cityText": null,
  "dontCall": false,
  "fromInt": 100000001,
  "halfDiscount": null,
  "hydrobort": false,
  "isArchive": false,
  "needAuto": false,
```

```

    "payType": 0,
    "paymentStatus": null,
    "senderEmail": null,
    "senderName": null,
    "toInt": 100000008,
    "totalCost": null
  }
]
}

```

5.6 Deactivation of reserved receipts – method PostDeactivateReceipts.

POST api/v4/Public/PostDeactivateReceipts?receiptsGuids={receiptsGuids}

Method requires authorization

Input parameters

| Name | Data type | Description |
|---------------|-----------|---|
| receiptsGuids | String | Guids of the receipts to be deactivated, separated by commas. |

Example of input data:

```

/api/v4/Public/PostDeactivateReceipts?receiptsGuids=00000000-0000-0000-0000-000000000000,11111111-1111-1111-1111-111111111111

```

Output parameters

Output parameters format

application/json, text/json

Example:

```

{
  "status": true,
  "message": "",
}
a6o
{
  "status": false,
  "code": 0,
  "message": "Only reserved peceipts can be deleted",
}
a6o
{
  "status": false,
  "code": 36,
  "message": "not your receipt",
}

```

6. Making a receipt

6.1 Getting access via API key and data format selection.

To use these methods that require authorization through the API, you must additionally pass the api key. The user is given a pair of public and secret api keys. For authorization, the user needs to pass in the request header in the "HMACAuthorization" parameter the public key, the current server time and the hash code generated by encryption using the HmacSHA1 algorithm. Usage examples are given below.

Javascript example.

```
var apiKey = 'CDBFE2D5-BF02-4C0D-B7D6-5CF277761C50';
var apiSecretKey = '6c131f01b99dfac3529d0cd68b1d6649';
var getHMAC = function (key, timestamp) {
    var hash = CryptoJS.HmacSHA1(key + timestamp, apiSecretKey);
    return hash.toString();
};
var data = {
    "egs": [
        {
            "Id": "f6ee49fa-3e29-e311-8b0d-00155d037960",
            "PartnerNumber": "123456"
        }
    ]
};
$.ajax({
    url: 'http://www.delivery-auto.com/api/v4/Public/PostDeactivateEg',
    type: "POST",
    data: data,
    dataType: 'json',
    beforeSend: function (request) {
        request.setRequestHeader('HMACAuthorization', 'amx ' + apiKey + ':' + timestamp
+ ':' + getHMAC(apiKey, timestamp));
    },
    success: function (data) {
        debugger;
        if (data.status == true) {
            debugger;
        }
    },
    error: errorMessageFunc
});
```

C# example.

```
public string getHMAC(string publicKey, TimeSpan timestamp, string secretKey) {
    string message = publicKey + timestamp.Milliseconds.ToString();
    System.Text.ASCIIEncoding encoding = new System.Text.ASCIIEncoding();
    HMACSHA1 hmacsha1 = new HMACSHA1(encoding.GetBytes(secretKey));
    byte[] hashmessage = hmacsha1.ComputeHash(encoding.GetBytes(message));
    return ByteToString(hashmessage);
}

public static string ByteToString(byte[] buff)
```

```

{
    string sbinary = "";
    for (int i = 0; i < buff.Length; i++)
    {
        sbinary += buff[i].ToString("X2"); // hex format
    }
    return (sbinary);
}

public ActionResult TestJSApi()
{
    string dataString = @"{
        ""egs"": [
            {
                ""Id"": ""f6ee49fa-3e29-e311-8b0d-00155d037960"",
                ""PartnerNumber"": ""123456""
            }
        ]
    }";

    var apiKey = "CDBFE2D5-BF02-4C0D-B7D6-5CF277761C50";
    var apiSecretKey = "6c131f01b99dfac3529d0cd68b1d6649";

    DateTime myDate1 = new DateTime(1970, 1, 9, 0, 0, 00);
    DateTime myDate2 = DateTime.Now;
    var timestamp = myDate2.Subtract(myDate1);
    var HMAC = getHMAC(apiKey, timestamp, apiSecretKey);
    var request = (HttpRequest)WebRequest.Create("http://www.delivery-
auto.com/api/v4/Public/PostDeactivateEg");
    var data = System.Text.Encoding.UTF8.GetBytes(dataString);
    request.Method = "POST";
    request.ContentType = "text/json";
    request.ContentLength = data.Length;
    request.Headers["HMACAuthorization"] = string.Format("amx {0}:{1}:{2}", apiKey,
timestamp.Milliseconds.ToString(), HMAC);

    using (var stream = request.GetRequestStream())
    {
        stream.Write(data, 0, data.Length);
    }

    var response = (HttpWebResponse)request.GetResponse();
    var responseString = new StreamReader(response.GetResponseStream()).ReadToEnd();
}

```

By default, data is output in json format. To change the type of input and output data to xml, you must pass the type=xml parameter to the address bar. Example //api/v3/Public/GetClientCards?type=xml.

6.2 Getting a list of client payment cards – method *GetClientCards*.

GET api/v4/Public/GetClientCards

Method requires authorization via API key

Input parameters

Missing

Output parameters

Represents as list of objects. Object { id, name }.

id – Card Id

name – Card name

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "data": [
    {
      "id": "3dafcedb-904b-4210-ae46-2af2acd385ef",
      "name": "5104*****8490"
    },
    {
      "id": "c05e1eae-80e2-4380-a2f2-5ddb34a07ce",
      "name": "5211*****9950"
    },
    {
      "id": "42b137f9-eb86-424b-b2ed-60b5b4659299",
      "name": "5168*****8737"
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format.

```
<ApiResult>
  <status>true</status>
  <message/>
  <data>
    <DirectoryItem>
      <id>3dafcedb-904b-4210-ae46-2af2acd385ef</id>
      <name>5104*****8490</name>
    </DirectoryItem>
    <DirectoryItem>
      <id>c05e1eae-80e2-4380-a2f2-5ddb34a07ce</id>
      <name>5211*****9950</name>
    </DirectoryItem>
    <DirectoryItem>
      <id>42b137f9-eb86-424b-b2ed-60b5b4659299</id>
      <name>5168*****8737</name>
    </DirectoryItem>
  </data>
</ApiResult>
```

6.3 Getting a list of client settlement accounts – method GetClientInvoices.

GET api/v4/Public/GetClientInvoices

Method requires authorization via API key

Input parameters

Missing

Output parameters

Represents as list of objects. Object { id, name }.

id – Card id

name – Card number

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "data": [
    {
      "id": "f38964d0-f2a5-e411-b119-000d3a200160",
      "name": "77777777777777777777"
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format:

```
<ApiResponse>
  <status>true</status>
  <message/>
  <data>
    <DirectoryItem>
      <id>f38964d0-f2a5-e411-b119-000d3a200160</id>
      <name>77777777777777777777</name>
    </DirectoryItem>
  </data>
</ApiResponse>
```

6.4 Making a receipt- method PostCreateReceipts.

POST api/v4/Public/PostCreateReceipts

Method requires authorization via API key

The input parameters are an array of RegistrationReceiptsModel models with the following fields

| Name | Data type | Is required? (Yes/No) | Description |
|--------------------|-----------|--|--|
| deliveryScheme | Integer | By default: 0 | Delivery scheme 0: Warehouse-warehouse, 1: Address-Address, 2: Warehouse-doors, 3: Address-Warehouse |
| areasSendId | Guid | Yes | Dispatch city Id |
| warehouseSendId | Guid | Yes, if deliveryScheme = 0 or 2 | Id of the warehouse in the dispatch city |
| pickUpContactName | String | Yes, if deliveryScheme = 1 or 3 | Contact person for pick up |
| pickUpContactPhone | String | Yes, if deliveryScheme = 1 or 3 | Phone number for pick up (10 digits. E.g.: "0501112233") |
| pickUpAddressId | Guid | | Pick up address Id |
| pickUpAddress | String | One of these fields must be filled in if deliveryScheme = 1 or 3 | Pick up address (separated by commas: Street, house, apartment) |
| pickUpDate | String | Always takes the value of the receipt creation date. Used when deliveryScheme = 1 or 3 | Pick up date |
| areasResiveId | Guid | Yes | Receipt city Id |
| warehouseResiveId | Guid | Yes, if deliveryScheme = 0 or 3 | Id of the warehouse in the receipt city |

| Name | Data type | Is required? (Yes/No) | Description |
|--|-----------|--|--|
| deliveryContactName | String | Yes, if deliveryScheme = 1 or 2 | Contact person for the delivery |
| deliveryContactPhone | String | Yes, if deliveryScheme = 1 or 2 | Phone number for the delivery (10 digits. E.g.: "0501112233") |
| DeliveryComment | String | No | Delivery comment |
| deiveryAddressId | Guid | | Delivery address Id |
| deliveryAddress | String | One of these fields must be filled in if deliveryScheme = 1 or 2 | Delivery address (separated by commas: Street, house, apartment) |
| SenderId | Guid | By default: Guid of API key owner (public key) | Sender's Id. Can take the value of your Id or the Id of your parent or subsidiary organization. |
| possibleResiverReceipt_1 | Guid | Yes, or create a new one using the fields (1) | Existing recipient's Id. |
| 1) receiverName | String | Yes, when creating a recipient | Recipient's Full name (individual) |
| receiverType | Boolean | By default: false | false: individual, true: legal entity |
| receiverPhone | String | No, for creating individuals Yes, for creating legal entities | Recipient's phone number (10 digits. E.g.: "0501112233") |
| receiverEgrpo | String | No, for creating individuals Yes, for creating legal entities | USREO |
| possibleResiverReceipt_2 possibleResiverReceipt_3 possibleResiverReceipt_4 | Guid | No | Possible recipient's Id. |

| Name | Data type | Is required? (Yes/No) | Description |
|------------------------------|-----------|---|--|
| dateSend | String | Yes | Dispatch date |
| Currency | Integer | By default: 100000000 | Currency code |
| payerType | Integer | By default: 0 | Payer's type: 0: recipient, 1: sender |
| paymentType | Integer | By default: 0 | Payment type: 0: cash, 1: non-cash. |
| payerId | Guid? | No | If the payer needs to transfer a third party, then transfer the Id of the third party. |
| paymentTypeInsurancse | Integer | By default: 0 | Type of insurance payment: 0: cash, 1: non-cash |
| payerInsuranceld | Guid? | If payerType = 0 – By default senderId. If payerType = 1 – generates, if null | Insurance payer |
| InsuranceValue | Integer | By default: 0 | Insured value of cargo |
| CashOnDeliveryPayerAccountId | Guid? | No | Transfer payer |
| cashOnDeliveryValue | Ineger | No | Transfer amount |
| cashOnDeliveryValuta | Integer | By default: 100000000 | Transfer currency |
| cashOnDeliveryType | Integer | By default: 0 | Transfer type 0: payment card, 1: settlement account, 2: cash, 3: safe transaction |

| Name | Data type | Is required? (Yes/No) | Description |
|--------------------------------|-----------|---|--|
| CashOnDeliverySafetyDeal | Boolean | Optional, use with cashOnDeliveryType = 3 | Flag: safe deal? |
| CashOnDeliveryWarehouseId | Guid | Required if cashOnDeliveryValue > 0 | Transfer warehouse Id |
| CashOnDeliveryRasschSchetId | Guid | Required if cashOnDeliveryValue > 0 and cashOnDeliveryType = 1 or 3 | Settlement account id |
| CashOnDeliveryCardId | Guid | Required if cashOnDeliveryValue > 0 и cashOnDeliveryType = 0 | Payment card id |
| CashOnDeliverySenderPhone | String | Required if cashOnDeliveryValue > 0 и cashOnDeliveryType = 2 | Transfer recipient's phone number |
| CashOnDeliverySenderFullName | String | Required if cashOnDeliveryValue > 0 and cashOnDeliveryType = 2 and if the recipient is a legal entity | Transfer recipient's full name |
| CashOnDeliveryReceiverPhone | String | Yes, if cashOnDeliveryValue>0 and cashOnDeliveryType = 2 and if the payer is a legal entity | Transfer payer's phone number |
| CashOnDeliveryReceiverFullName | String | Yes, if cashOnDeliveryValue>0 and cashOnDeliveryType = 2 and if the payer is a legal entity | Transfer payer's full name |
| denyIssue | Boolean | No | Prohibition on issuing |
| denyIssuePhone | String | Yes, if denyIssue = true | Phone number for removing the prohibition (receiving an SMS with a code) |
| ReturnDocuments | Boolean | No | Flag for returning documents during delivery |

| Name | Data type | Is required? (Yes/No) | Description |
|---|------------------|-----------------------|------------------------------------|
| descentFromFloor | Integer | No | Descent from a floor |
| climbingToFloor | Integer | No | Rise to a floor |
| IsOverSize | Boolean | No | Oversized, for cargo delivery |
| IsGidrobot | Boolean | No | Tail lift, for cargo delivery |
| EconomDelivery | Boolean | No | Economy delivery |
| EconomPickUp | Boolean | No | Economy pick up, for cargo pick up |
| ExpressPickUp | Boolean | No | Express pick up, for cargo pick up |
| parentNumber | String | No | Partner declaration number |
| DeliveryComment | String | No | Delivery comment |
| Coupon | String | No | Discount coupon number |
| Note | String | No | Comment on the receipt |
| Category (see par. 3.1) | Category Model[] | Yes | Cargo array |

To check the method without saving the receipt, you can use the **f1Save** flag (true save, false do not save).

The sender is the client who is authorized before calling the method. SenderId can take the value of your Id (public key) or the Id of your parent or subsidiary organization.

If some of the required fields are not filled in, the method will return a warning and the receipt will not be created.

When debugging modules for creating receipts, it is recommended to use **debugMode**.

To determine the receipt recipient, you must either specify its Id or create a new one.

If an already existing one is specified, then its Id is passed in the parameter **possibleResiverReceipt_1**.

Three parameters are used to create a new recipient: **receiverName**, **receiverType** and **receiverPhone**.

The situation is similar with the fields of the delivery address and the pick up address. You can create a new pick up and delivery address by passing them in text format to the fields **pickUpAddress** and **deliVerYAddress** accordingly. Or by passing their **Id** to the fields **pickUpAddressId** and **deliVerYAddressId**.

If fields **possibleResiverReceipt_1**, **pickUpAddressId** or **deliVerYAddressId** are specified, then the fields for creating a new **recepient**, **pick up address** or **deliVerY address** (respectively) are not taken into account.

As an array, you can send receipts combined with one pick up order, that is, with the same dispatch city, address, and dispatch date.

Input data example:

```
{
  "culture": "uk-UA", //Culture
  "flSave": "true", //Save flag
  "debugMode": "false", //Debug mode flag
  "receiptsList": [
    {
      "areasSendId": "f6ee49fa-3e29-e311-8b0d-00155d037960",
        //Dispatch city
      "areasResiveId": "ebc7639a-db2a-e311-8b0d-00155d037960",
        //Receipt city
      "warehouseSendId": "6b3b6d45-b249-e211-ab75-00155d012d0d",
        //Dispatch warehouse
      "warehouseResiveId": "ab3b6d45-b249-e211-ab75-00155d012d0d",
        // Receipt warehouse

      "dateSend": "2015-06-24T00:00:00", //Dispatch date
      "deliveryScheme": 1, //Delivery scheme 0- Warehouse-Warehouse, 1-
Address-address, 2- Warehouse-address, 3- Address-warehouse
      "receiverName": "Іванков Іван Іванович",
        //Recipient; for an individual - full name
      "receiverPhone": "0500000000", //Recipient's phone number
      "receiverType": false, //false - individual, true - legal entity
      "currency": 100000000, //Receipt currency
      "InsuranceValue": 10000.0, //Insured value of cargo
      "senderId": "cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50", //Sender's Id
      "payerInsuranceId": "1aa70d22-1209-e511-b3b5-000d3a200160",
        // insurance payer
      "payerId": "1aa70d22-1209-e511-b3b5-000d3a200160",
        // if the payer needs to transfer a third party

      "payerType": 1, //Payer's type 0-sender, 1-recipient
      "paymentType": 0, //Payment type 1- non-cash, 0- cash
      "paymentTypeInsurance": 0,
        //Insurance payment type 1- non-cash, 0- cash

      "deliVerYAddress": "Науки, 5", //Delivery address
      "deliVerYContactName": "Дмитро", //Contact person for delivery
      "deliVerYContactPhone": "0500000000", //Phone number for delivery
      "DeliVerYComment": "Коментар при доставці", //Comment on delivery
      "ReturnDocuments": true, //Flag return of documents on delivery
      "climbingToFloor": 4, //Rise to the floor
      "EconomDeliVerY": false, //Economy deliVerY
      "IsOverSize": false, //Oversized, for cargo deliVerY
      "IsGidrobort": false, //Tail lift, for cargo deliVerY
      "EconomPickUp": false, //Economy pick up, for cargo pick up
    }
  ]
}
```

```

    "ExpressPickUp": false, //Express pick up, for cargo pick up
    "cashOnDeliveryType": 0, //Cash no delivety type 0-payment card, 1-
settlement account, 2-cash, 3-Safe deal
    "CashOnDeliveryValuta": 100000000, //Transfer currency
    "CashOnDeliveryValue": 1000.0, // Transfer amount
    "CashOnDeliveryCardId": "B08ACA89-B6C8-4014-ABF8-3EA61B18E5DA",
//Payment card Id
    "CashOnDeliveryPayerAccountId": "1aa70d22-1209-e511-b3b5-000d3a200160"
//Transfer payer
    "CashOnDeliveryRasschSchetId": "00000000-0000-0000-0000-000000000000",
// Settlement account ID (this field is mandatory for Safe transaction)
    "CashOnDeliveryDescription": "Опис", //Description of the payment
    "CashOnDeliveryWarehouseId": "6b3b6d45-b249-e211-ab75-00155d012d0d",
//Transfer warehouse
    "CashOnDeliverySenderFullName": "Иванов Иван Иванович",
//Transfer recipient's full name
    "CashOnDeliverySenderPhone": "0501234567",
//Transfer recipient's phone number
    "CashOnDeliveryReceiverFullName": "Петров Петро Петрович",
//Transfer sender's full name
    "CashOnDeliveryReceiverPhone": "0671234567",
//Transfer sender's phone number
    "pickUpDate": "2015-06-30T00:00:00", //Pick up date
    "pickUpContactName": "Василь", //Contact person for pick up
    "pickUpContactPhone": "0500000000", //Pick up contact phone number
    "pickUpAddressId": "a5eaf714-fb60-e411-b421-000d3a200936",
//Pick up address
    "descentFromFloor": 4, //Descent from the floor
    "category": [
    {
        "categoryId": "00000000-0000-0000-0000-000000000000",
//Tariff Category
        "cargoCategoryId": "0307d03b-9e36-e311-8b0d-00155d037960",
//Category of the shipped cargo
        "countPlace": 10, //Number of places
        "helf": 100.0, //Weight
        "size": 2.0, //Size
        "isEconom": true, //Economical but longer delivery
        "PartnerNumber": "123456" //Partner declaration number
    },
    {
        "categoryId": "00000000-0000-0000-0000-000000000000",
        "cargoCategoryId": "0f07d03b-9e36-e311-8b0d-00155d037960",
        "countPlace": 10,
        "helf": null,
        "size": null,
        "isEconom": true,
        "PartnerNumber": "123457"
    }
    ]
},
{
    "areasSendId": "f6ee49fa-3e29-e311-8b0d-00155d037960", //Dispatch city
    "areasResiveId": "4577d856-322b-e311-8b0d-00155d037960",
//Recipient's city
    "warehouseSendId": "6b3b6d45-b249-e211-ab75-00155d012d0d",
//Dispatch warehouse
    "warehouseResiveId": "efbecb4b-da49-e211-9515-00155d012d0d",
//Recipient warehouse
    "dateSend": "2015-06-24T00:00:00", //Dispatch date
    "deliveryScheme": 3, //Delivery scheme 0- Warehouse-Warehouse, 1-
Address-Address, 2- Warehouse-address, 3- Address-warehouse
    "possibleResiverReceipt_1": "07b98959-52ab-40a0-9ce7-ab7ee678d809",
//Recipient's Id
    "possibleResiverReceipt_2": "07b98959-52ab-40a0-9ce7-ab7ee678d809",

```

```

    //Possible recipient's Id
    "possibleResiverReceipt_3": "07b98959-52ab-40a0-9ce7-ab7ee678d809",
    //Possible recipient's Id
    "possibleResiverReceipt_4": "07b98959-52ab-40a0-9ce7-ab7ee678d809",
    //Possible recipient's Id

    "currency": 100000000, //Receipt currency
    "InsuranceValue": 10000.0, //Insured value of cargo

    "payerType": 0, //Payer's type 0-sender, 1-recipient
    "paymentType": 0, //Payment type 1- non-cash, 0- cash
    "paymentTypeInsuranse": 0, //Insurance payment type 1- non-cash, 0-
cash

    "pickUpDate": "2015-06-30T00:00:00", //Pick up date
    "pickUpContactName": "Василь", //Contact person for pick up
    "pickUpContactPhone": "0500000000", //Pick up contact phone number
    "pickUpAddressId": "a5eaf714-fb60-e411-b421-000d3a200936", //Pick up
address

    "descentFromFloor": 4, //Descent from the floor
    "category": [
        {
            "categoryId": "00000000-0000-0000-0000-000000000000",
            //Tariff Category
            "cargoCategoryId": "0307d03b-9e36-e311-8b0d-00155d037960",
            //Category of the shipped cargo
            "countPlace": 1, //Amount of places
            "helf": 20.0, //Weight
            "size": 1.0, //Size
            "isEconom": true,
            "PartnerNumber": "1234567"
        }
    ]
}
]
}
}

-----
{
    "culture": "uk-UA",
    "flSave": "false",
    "debugMode": "true",
    "receiptsList": [
        {
            "areasSendId": "16617DF3-A42A-E311-8B0D-00155D037960",
            "areasResiveId": "A8FA4093-D12A-E311-8B0D-00155D037960",
            "warehouseSendId": "BDFF546C-CB16-E211-89ED-00155D053B5D",
            "warehouseResiveId": "A3F0FA22-8C43-E211-B182-00155D037A52",
            "receiverName": "Іванков Іван Іванович",
            "receiverPhone": "0500000000",
            "receiverType": false,
            "dateSend": "2015-06-24T00:00:00",
            "deliveryScheme": 0,
            "currency": 100000000,
            "InsuranceValue": 10000.0,
            "payerType": 1,
            "category": [
                {
                    "categoryId": "00000000-0000-0000-0000-000000000000",
                    "cargoCategoryId": "0307d03b-9e36-e311-8b0d-
00155d037960",

                    "countPlace": 1,
                    "helf": 20.0,
                    "size": 1.0
                }
            ]
        }
    ]
}

```

```

    }
  ]
}

```

Output parameters

Represents as json. Collection of objects {Id, Number, TotalCost, InsuranceCost, ComissionGM, Comment, egs}.

Id – Receipt Id

Number – Receipt number

TotalCost – Shipping cost

InsuranceCost – Insurance cost

ComissionGM – Transfer commission (2% from the sum +20hrn for transfer service)

Comment – Comment

egs – Array of cargo units

Output parameters fomate

application/json, text/json

Example:

In json format.

```

{
  "status": true,
  "message": [],
  "receipts": [
    {
      "Id": "f5a947f6-adcf-49e8-be46-a49d69621ae2",
      "Number": "9900000000",
      "TotalCost": 97.0,
      "InsuranceCost": 7.0,
      "ComissionGM": 30.0,
      "Comment": "",
      "egs": [
        {
          "Id": "3fed9940-b094-4236-a3b0-728a83123eca",
          "PartnerNumber": null,
          "Number": "990000000002002151"
        }
      ]
    }
  ]
}

```

In xml format.

```

<RegistrationReceiptsOutputModel>
  <status>true</status>
  <message/>
  <receipts>
    <ReceiptsOutputModel>
      <Id>0656bab4-e62c-e411-bd10-000d3a200936</id>
      <PartnerNumber>123456</PartnerNumber>
    </ReceiptsOutputModel>
    <ReceiptsOutputModel>
      <Id>f306d03b-9e36-e311-8b0d-00155d037960</id>
      <PartnerNumber>123457</PartnerNumber>
    </ReceiptsOutputModel>
  </receipts>
</RegistrationReceiptsOutputModel>

```

```
    </receipts>
  </RegistrationReceiptsOutputModel>
```

6.5 Deactivation of cargo units - method PostDeactivateEg.

POST api/v4/Public/PostDeactivateEg

Method requires authorization via API key

Input parameters

| Name | Data type | Description |
|-------|---------------------|--|
| input | ReceiptsOutputModel | Model that describes input and output parameters |

Input data example:

```
{
  "egs": [
    {
      "Id": "f6ee49fa-3e29-e311-8b0d-00155d037960",
      "PartnerNumber": "123456"
    }
  ]
}
```

Output parameters

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "status": true,
  "message": "",
  "data": []
}
```

In xml format.

```
<ApiResponse>
  <status>true</status>
  <message/>
  <data />
</ApiResponse>
```


6.6 Getting documents in PDF - method GetPdfDocument.

GET api/v4/Public/GetPdfDocument?number={number}&type={type}

Method requires authorization via API key

Input parameters

| Name | Data type | Default value | Description |
|--------|-----------|---------------|---|
| number | String | * | Receipt numbers (numbers are indicated separated by semicolons without spaces, e.g., number=9900112233;9900223344) |
| type | Integer | * | Document type: 0 - Receipt printing, 1 - Printing stickers of units of cargo on the godex, 2 - Printing stickers of cargo units on one sheet, 4 - Printing on one sheet 95x95 of several receipts. |

Output parameters

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "status": true,
  "message": "",
  "file": "EKJRLJFSDWEKNLVSJDIFJS"
}
```

In xml format.

```
<ApiResultFile>
  <status>true</status>
  <message/>
  <file>EKJRLJFSDWEKNLVSJDIFJS</file>
</ApiResultFile>
```

*The value of the file field returns the code encrypted in base64

6.7 Getting a list of senders (client subsidiary or parent organizations) - method *GetSenderList*.

GET api/v4/Public/GetSenderList

Method requires authorization via API key

Input parameters

Missing.

Output parameters

Represent as json. Collection of objects {id, name, cityId, cityName}.

Id – Sender's Id
name – Sender's name
cityId – Sender's city Id
cityName – Sender's city name

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "data": [
    {
      "id": "cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50",
      "name": "!! Іванков Іван Тест",
      "cityId": "16617DF3-A42A-E311-8B0D-00155D037960",
      "cityName": "Київ"
    },
    {
      "id": "c11d0fff-b75d-e411-b4c0-000d3a200936",
      "name": "!! Іванков Отримувач 99",
      "cityId": "4FC948A7-3729-E311-8B0D-00155D037960",
      "cityName": "Авдіївка"
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format.

```
<ApiResultFile>
  <status>true</status>
  <message/>
  data>
    <DirectoryItem>
      <id>cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50</id>
      <name>!! Іванков Іван Тест</name>
      <cityId>16617DF3-A42A-E311-8B0D-00155D037960</cityId >
      <cityName>Київ</cityName >
    </DirectoryItem>
    <DirectoryItem>
      <id>c11d0fff-b75d-e411-b4c0-000d3a200936</id>
      <name>!! Іванков Отримувач 99</name>
      <cityId>4FC948A7-3729-E311-8B0D-00155D037960</cityId >
      <cityName>Авдіївка</cityName >
    </DirectoryItem>
  </data>
</ApiResultFile>
```

6.8 Getting available currencies - method *GetCurrency*.

GET

api/v4/Public/GetCurrency?CitySendId={CitySendId}&CityReceiveId={CityReceiveId}&PayerType={PayerType}&PayerId={PayerId}&culture={culture}

Input parameter

| Name | Data type | Default value | Description |
|---------------|-----------|---------------|--|
| CitySendId | Guid | * | Dispatch city Id. |
| CityReceiveId | Guid | * | Recipient's city Id. |
| PayerType | Integer | 0 | Payer's type 0 - sender, 1 - recipient, 2 - third party. |
| PayerId | Guid? | null | Payer's Id. |
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |

Output parameters

Represent as json. Collection of objects {id, name}.

id – Currency Id

name – Currency name

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "data": [
    {
      "id": "100000000",
      "name": "Гривня"
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format.

```
<ApiResponse>
  <status>true</status>
  <message/>
  <data>
    <DirectoryItem>
      <id>100000000</id>
      <name>Гривня</name>
    </DirectoryItem>
  </data>
</ApiResponse>
```

6.9 Getting a list of the payers - method *GetAvailableServices*.

GET

api/v4/Public/GetAvailableServices?GetAvailableServices?scheme={scheme}&receiveWarehouseId={receiveWarehouseId}&CodValue={CodValue}

Input parameters

| Name | Data type | Default values | Description |
|--------------------|-----------|----------------|---|
| scheme | Integer | * | Delivery scheme (0 - Warehouse-Warehouse, 1 - Address-Address, 2 - Warehouse-Address, 3 -Address-Warehouse) |
| receiveWarehouseId | Guid | * | Receiving warehouse Id |
| CodValue | Decimal? | null | Transfer amount |

Output parameters

Represents as json. Collection of objects {id, name}.

- isInfo – AS Information service is available
- isReturnDocs – AS Return of documents is available
- isDenyIssue – AS Prohibition of cargo issuance is available
- isDescent – AS Descent from a floor is available
- isLifting – AS Rise to a floor is available
- isAutoReturn – AS Autoreturn service is available

Output parameters format

application/json, text/json

Example:

In json format.

```
{
  "data": [
    {
      "isInfo": "true",
      "isReturnDocs": true, //AS Return of documents is available
      "isDenyIssue": true, //AS Prohibition of cargo issuance is available
      "isDescent": true, //AS Descent from a floor is available
      "isLifting": true, //AS Rise to a floor is available
      "isAutoReturn": true //AS Autoreturn service is available
    }
  ],
  "data2": null,
  "status": true,
  "message": "",
  "code": 0
}
```

6.10 Getting a list of the payers - method GetPayer.

GET

api/v4/Public/GetPayer?CitySendId={CitySendId}&CityReceiveId={CityReceiveId}&ClientSenderId={ClientSenderId}&ClientReceiverId={ClientReceiverId}&PayerType={PayerType}

Method requires authorization via API key

Input parameters

| Name | Data type | Default value | Description |
|------------------|-----------|---------------|--|
| CitySendId | Guid | * | Dispatch city Id. |
| CityReceiveId | Guid | * | Recipient's city Id. |
| ClientSenderId | Guid | * | Sender's client Id. |
| ClientReceiverId | Guid? | null | Recipient's client Id. |
| PayerType | Integer? | null | Payer's type 0 - sender, 1 - recipient, 2 - third party. |

Output parameters

Represents as json. Collection of objects {id, name}.

id – Payer's Id

name – Payer's name

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "data": [
    {
      "id": "c11d0fff-b75d-e411-b4c0-000d3a200936",
      "name": "!!! Іванков Отримувач 99"
    },
    {
      "id": "cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50",
      "name": "!!! Іванков Іван Тест"
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format.

```
<ApiResult>
  <status>true</status>
  <message/>
  <data>
    <DirectoryItem>
      <id>c11d0fff-b75d-e411-b4c0-000d3a200936</id>
      <name>!! Іванков Отримувач 99</name>
    </DirectoryItem>
    <DirectoryItem>
      <id>cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50</id>
      <name>!! Іванков Іван Тест</name>
    </DirectoryItem>
  </data>
</ApiResult>
```

6.11 Getting client addresses - method *GetClientAddress*.

GET api/v4/Public/GetClientAddress?CityId={CityId}&ClientId={ClientId}

Input parameters

| Name | Data type | Default value | Description |
|----------|-----------|---------------|-------------|
| CityId | Guid | * | City Id. |
| ClientId | Guid | * | Client Id. |

Output parameters

Represents as json. Collection of objects {id, name}.

id – Address Id
name – Address

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "data": [
    {
      "id": "a5eaf714-fb60-e411-b421-000d3a200936",
      "name": "!! для забору Київ 2 дім 2 кв "
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format:

```
<ApiResult>
  <status>true</status>
  <message/>
```

```

    <data>
      <DirectoryItem>
        <id>a5eaf714-fb60-e411-b421-000d3a200936</id>
        <name>!! для забора Київ 2 дім 2 кв</name>
      </DirectoryItem>
    </data>
  </ApiResponse>

```

6.12 Getting possible client recipients - method GetPossibleReciver.

GET

api/v4/Public/GetPossibleReciver?CityReceiveId={CityReceiveId}&ClientSenderId={ClientSenderId}

Method requires authorization via API key

Input parameters

| Name | Data type | Default value | Description |
|----------------|-----------|---------------|---------------------|
| CityReceiveId | Guid | * | Receipt city Id. |
| ClientSenderId | Guid | * | Sender's client Id. |

Output parameters

Represents as json. Collection of objects {id, name}.

id – Recipient's Id

name – Recipient's name

Output parameters format

application/json, text/json

Example:

In json format:

```

{
  "data": [
    {
      "id": null,
      "name": ""
    },
    {
      "id": "f26e1d30-ea7e-4d87-967b-7be0002b51d",
      "name": " Козлов, ФОП"
    },
    {
      "id": "ce30c74a-7253-400e-b98f-f7a19a811731",
      "name": " Скаско Олена Миколаївна"
    }
  ]
}

```

```

    }
  ],
  "status":true,
  "message":""
}

```

In xml format:

```

<ApiResult>
  <status>true</status>
  <message/>
  <data>
    <DirectoryItem>
      <name/>
    </DirectoryItem>
    <DirectoryItem>
      <id>f26e1d30-ea7e-4d87-967b-7be0002b51d</id>
      <name> Козлов, ФОР</name>
    </DirectoryItem>
    <DirectoryItem>
      <id>ce30c74a-7253-400e-b98f-f7a19a811731</id>
      <name> Скаска Олена Миколаївна</name>
    </DirectoryItem>
  </data>
</ApiResult>

```

6.13 Getting client payment type - method *GetClientPaymentType*.

GET api/v4/Public/GetClientPaymentType?ClientId={ClientId}

Input parameters

| Name | Data type | Default value | Description |
|----------|-----------|---------------|-------------|
| ClientId | Guid | * | Client Id. |

Output parameters

Represents as json.

data – client payment type (bool). True = cash, False = non-cash

Output parameters format

application/json, text/json

Example:

In json format:

```

{
  "data": true,
  "status": true,
  "message": ""
}

```

In xml format:

```

<ApiResultBool>
  <status>true</status>
  <message/>
  <data>true</data>
</ApiResultBool>

```


6.14 Getting full information about the receipt - method *GetFullReceiptInformation*.

GET

api/v4/Public/GetFullReceiptInformation?culture={culture}&number={number}

The method requires authorization with a username and password

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |
| number | String | * | Receipt number |

Output parameters

Represents as json. Collection of objects {areasSendId, areasSend, areasReceiveId, areasResive, warehouseSendId, warehouseSend, warehouseReceiveId, warhouseReceive, deliveryScheme, number, sender, senderId, receiver, receiverId, payer, payerId, paymentType, dateSend, dateReceive, state, Currency, partnerNumber, paymentStatus, paymentDate, lockShipping, totalCountPlace, totalWeight, totalSize, warehouseWarehouseAmount, discountAmount, lossesDescountAmount, totalAmount, insuranceValue, SafetyDealMoneyStatus, duArray, possibleReceiverArray, receiptsArray[number, state, receiptType, paymentType, paymentStatus, paymentDate, currency, payerId, payer, totalAmount, clientCardId, clientCard, codSender, codSenderPhone, isGiveMoney, codWarehouse, codCity], egArray}.

areasSendId – Dispatch city Id

areasSend – Dispatch city

areasReceiveId – Receiving city Id

areasResive – Receiving city

warehouseSendId – Dispatch warehouse Id

warhouseSend – Dispatch warehouse

warehouseReceiveId – Receiving warehouse Id

warhouseReceive – Receiving warehouse

deliveryScheme – Delivery scheme: 0 - warehouse-warehouse, 1 - address-address, 2 - warehouse-address, 3 - address-warehouse

number – Receipt number

sender – Sender's name

senderId – Sender's Id

senderEgrpo – sender's USREOU

receiver – Recipient's name

receiverId – Recipient's Id

receiverEgrpo – receiver's USREOU

payer – Payer's name

payerId – Payer's Id

payerEgrpo – payer's USREOU

paymentType – Payment type: 0 - cash, 1 – non-cash
dateSend – Dispatch date
dateReceive – Arrival date
state – Receipt status ([see directory 8.1](#))
Currency – Currency code
partnerNumber – Partner declaration number
paymentStatus – Payment status
paymentDate – Payment date
lockShipping – Prohibition on issuance
totalCountPlace – Total number of parcels
totalWeight – Total weight
totalSize – Total size
warehouseWarehouseAmount – Transportation price without discounts and additional services
discountAmount – Discount amount
lossesDiscountAmount – Discount loss amount
totalAmount – Total receipt value
insuranceValue – Insurance value of the cargo
SafetyDealMoneyStatus – Safety Deal funds status
duArray – List of additional services
possibleReceiverArray – List of possible recipients
egArray – List of the cargo units
receiptsArray – List of related receipts

[

Number – Receipt number,
state – Receipt status,
receiptType – Receipt type,
paymentType – Payment type 1- non-cash, 0- cash,
paymentStatus – Flag, payment status,
paymentDate – Payment date,
currency – Currency code,
payerId – Payer's id,
payer – Payer's name,
totalAmount – Total receipt value,
clientCardId – Client card id,
clientCard – Abbreviated customer card number,
codSender – Sender's name,
codSenderPhone – Sender's phone number,
isGiveMoney – Whether the money was issued to the recipient of the transfer,
codWarehouse – Warehouse of dispatch/receipt of transfer,
codCity – City of dispatch/receipt of transfer,
codGiveMoneyDate – Date of issue of transfer to the sender

]

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "status": true,
  "message": "",
  "data": {
    "areasSendId": "ebc7639a-db2a-e311-8b0d-00155d037960",
    "areasSend": "Сімферополь",
    "areasReceiveId": "16617df3-a42a-e311-8b0d-00155d037960",
    "areasReceive": "Київ",
    "warehouseSendId": "ab3b6d45-b249-e211-ab75-00155d012d0d",
    "warehouseSend": "СІМФЕРОПОЛЬ-1",
    "warehouseReceiveId": "0c51680d-e932-e211-a357-00155d053b5d",
    "warehouseReceive": "КИЇВ-11",
    "deliveryScheme": 1,
    "number": "9900034260",
    "sender": "!! Іванков Іван Тест",
    "senderId": "cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50",
    "senderEgrpо": "",
    "receiver": "!! Новий Клієнт Київ",
    "receiverId": "e05db89f-5166-e411-b380-000d3a200936",
    "receiverEgrpо": "12345678",
    "payer": "!! Новий Клієнт Київ",
    "payerId": "e05db89f-5166-e411-b380-000d3a200936",
    "payerEgrpо": "12345678",
    "paymentType": 0,
    "dateSend": "2015-09-14T00:00:00",
    "dateReceive": "2015-09-28T00:00:00",
    "state": 8,
    "Currency": 100000000,
    "partnerNumber": "2323",
    "paymentStatus": false,
    "paymentDate": null,
    "lockShipping": false,
    "totalCountPlace": "2",
    "totalWeight": 1.010,
    "totalSize": 1.010000,
    "warehouseWarehouseAmount": 2982.000,
    "discountAmount": 0.0,
    "lossesDiscountAmount": 0.00,
    "totalAmount": 7682.500,
    "insuranceValue": 10000.000,
    "SafetyDealMoneyStatus": "Повернені",
    "duArray": [
      {
        "uslugaId": "f8e3c68a-100d-e411-8c28-00155d015206",
        "name": "Доставка до 500 кг ОБЛ",
        "count": 1,
        "cost": 68.50000,
        "addressId": "b366f3a5-5166-e411-b380-000d3a200936",
        "address": "вул. Щетинина дім 2 кв ",
        "type": 2
      },
    ],
  }
}
```

```
"uslugaid": "fc45b052-ebda-44bf-b186-603b18046448",
"name": "Підйом на поверх до 5 кг",
"count": 4,
"cost": 0.00000,
"addressid": null,
"address": null,
"type": 4
},
{
  "uslugaid": "8105e479-351f-e511-9ab9-000d3a200160",
  "name": "Доупаковка MIDI // темна",
  "count": 2,
  "cost": 18.00000,
  "addressid": null,
  "address": null,
  "type": null
},
{
  "uslugaid": "989299b0-120d-e411-8c28-00155d015206",
  "name": "Забор вантажу до 500 кг",
  "count": 1,
  "cost": 180.00000,
  "addressid": "35f85f41-2681-e411-bf77-000d3a200160",
  "address": "вул. Щорса дім 33 кв ",
  "type": 1
},
{
  "uslugaid": "449b53aa-1215-43ac-a37f-a4ed48a0d953",
  "name": "Спуск зверху до 5кг",
  "count": 5,
  "cost": 0.00000,
  "addressid": null,
  "address": null,
  "type": 3
},
{
  "uslugaid": "8321e03d-7f4a-e211-8b7c-00155d012d0d",
  "name": "Оформлення багажу",
  "count": 2,
  "cost": 6.00000,
  "addressid": null,
  "address": null,
  "type": null
},
{
  "uslugaid": "7c4fbf45-dc0c-e411-8c28-00155d015206",
  "name": " Повернення документів ОБЛ",
  "count": 1,
  "cost": 40.00000,
  "addressid": null,
  "address": null,
  "type": 5
}
],
"possibleReceiverArray": [],
"receiptsArray": [
  {
    "number": "9900034261",
    "state": 8,
  }
]
```

```
    "receiptType": 10,
    "paymentType": 1,
    "paymentStatus": false,
    "paymentDate": null,
    "currency": 100000000,
    "payerId": "e05db89f-5166-e411-b380-000d3a200936",
    "payer": "!! Новий Клієнт Київ",
    "totalAmount": 10000.000,
    "clientCardId": "2548d998-7b98-4bd9-902a-671729662fc2",
    "clientCard": "5168*****6956",
    "codSender": "Тестов Тест Тестович",
    "codSenderPhone": "0501112233",
    "isGiveMoney": false,
    "codWarehouse": "Київ-14",
    "codCity": "КИЇВ"
  },
  {
    "number": "9900034262",
    "state": 8,
    "receiptType": 6,
    "paymentType": 1,
    "paymentStatus": false,
    "paymentDate": null,
    "currency": 100000000,
    "payerId": "cdbfe2d5-bf02-4c0d-b7d6-5cf277761c50",
    "payer": "!! Іванков Іван Тест",
    "totalAmount": 40.000,
    "clientCardId": null,
    "clientCard": "",
    "codSender": "",
    "codSenderPhone": "",
    "isGiveMoney": false,
    "codWarehouse": "",
    "codCity": ""
  }
],
"egArray": [
  {
    "cargoGregoryId": "0656bab4-e62c-e411-bd10-000d3a200936",
    "cargoGregory": "Автоаксесуари",
    "count": 1,
    "weight": 1.000,
    "size": 1.000000,
    "isEconomy": false,
    "cost": 2952.000
  },
  {
    "cargoGregoryId": "0f07d03b-9e36-e311-8b0d-00155d037960",
    "cargoGregory": "Документи",
    "count": 1,
    "weight": 0.010,
    "size": 0.010000,
    "isEconomy": false,
    "cost": 30.000
  }
]
}
```

6.15 Creating an address or a recipient - method *PostCreateAddressOrClient*.

POST api/v4/Public/PostCreateAddressOrClient

The method requires authorization via API key

Input parameters

| Name | Data type | Description |
|-------|-----------------------------------|---------------------------------------|
| input | ClientModel or AddressModel | Model that describes input parameters |

Input data example:

```
{ //Model for creating a possible recipient
  "AccountId": "",
  "ClientType": "false", //Client type false-physical. person true-legal entity
  "Name": "", //Name of organization (legal entity)
  "SecondName": "Тестовий", //Last name
  "FirstName": "Клієнт", //First name
  "LastName": "ДляСайту", //Patronymic
  "CityId": "16617df3-a42a-e311-8b0d-00155d037960", //City Id
  "Egrpо": "", //Client's USREO
  "PhoneNumber": "0509996665", //Client's phone number
  "Street": "вул. Щорса", //Street
  "House": "17", //House
  "Appartement": "3", //Apartment
  "senderId": "c11d0fff-b75d-e411-b4c0-000d3a200936" //Sender's Id
}

{ //Model for creating an address
  "AccountId": "1541a45b-1a56-e511-89e5-000d3a200160", //Client Id
  "CityId": "16617df3-a42a-e311-8b0d-00155d037960", //City Id
  "Street": "вул. Васильківська", //Street
  "House": "17", //House
  "Appartement": "3", //Apartment
  "senderId": "c11d0fff-b75d-e411-b4c0-000d3a200936" //Sender's Id
}
```

Output parameters

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "status": true,
  "data": {
    "address": {
      "Id": 98240,
      "Street": "вул. Щорса",
```

```

    "House": "17",
    "Appartement": "3",
    "AccountId": "1541a45b-1a56-e511-89e5-000d3a200160",
    "CityId": "16617df3-a42a-e311-8b0d-00155d037960",
    "Territoria": null,
    "StateCode": 0,
    "EntityId": "b280f4a4-1a56-e511-89e5-000d3a200160",
    "Index": null
  },
  "account": {
    "Id": 278147,
    "AccountId": "1541a45b-1a56-e511-89e5-000d3a200160",
    "ClientType": false,
    "Name": "!! Тестовий Клієнт Для сайту 102",
    "FirstName": "Клієнт",
    "LastName": "Для сайту 102",
    "SecondName": "!! Тестовий",
    "PaymentType": true,
    "CityId": "16617df3-a42a-e311-8b0d-00155d037960",
    "Egrpo": "",
    "Inn": "",
    "Kpp": "",
    "OwnershipCode": 100000066,
    "PhoneNumber": "0509996665",
    "SmsPhoneNumber": "0509996665",
    "ParentAccountId": null,
    "ParentAccountName": "",
    "StateCode": 0,
    "CountryCode": "38",
    "MasterId": null
  }
}
}
}

```

6.16 Getting information from receipt sticker - method *GetStickers*.

GET api/v4/Public/GetStickers?number={number}

The method requires authorization via API key

Input parameters

| Name | Data type | Default value | Description |
|--------|-----------|---------------|----------------|
| number | String | * | Receipt number |

Output parameters

Represents as json. Collection of objects {barcode, categoryName, receiptNumber, receiver, dateSend, dateReceive, warehouseSend, warehouseReceive, totalPlaces, rang, econom, delivery}.

- Barcode – Barcode
- categoryName – Product category
- receiptNumber – Receipt number
- receiver – Recipient's name
- dateSend – Dispatch date
- dateReceive – Arrival date
- warehouseSend – Dispatch warehouse
- warehouseReceive – Arrival warehouse

totalPlaces – Total amount of parcels
rang – Rank
econom – Economical but longer delivery
delivery – Is there a targeted delivery

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "data": [
    {
      "barcode": "9900000126001011160",
      "categoryName": "Дитячі товари",
      "receiptNumber": "9900000126",
      "receiver": "!! Іванков Отримува Олександрія",
      "dateSend": "2014-11-08T11:53:01",
      "dateReceive": "2014-11-12T00:00:00",
      "warehouseSend": "МАРІУПОЛЬ-1",
      "warehouseReceive": "ОЛЕКСАНДРІЯ",
      "totalPlaces": "11",
      "rang": 1,
      "econom": false,
      "delivery": true,
      "postomat": false
    }
  ],
  "status": true,
  "message": ""
}
```

In xml format:

```
<ApiResultStickers>
  <status>true</status>
  <message/>
  <data>
    <Sticker>
      <barcode>9900000126001011160</barcode>
      <categoryName>Дитячі товари</categoryName>
      <receiptNumber>9900000126</receiptNumber>
      <receiver>!! Іванков Отримувач Олександрія</receiver>
      <dateSend>2014-11-08T11:53:01</dateSend>
      <dateReceive>2014-11-12T00:00:00</dateReceive>
      <warehouseSend>МАРІУПОЛЬ-1</warehouseSend>
      <warehouseReceive>ОЛЕКСАНДРІЯ</warehouseReceive>
      <totalPlaces>11</totalPlaces>
      <rang>1</rang>
      <econom>false</econom>
      <delivery>true</delivery>
      <postomat>false</postomat>
    </Sticker>
  </data>
</ApiResultStickers>
```


6.17 Consolidation of receipts into one pick up request - method *PostAddReceiptIntoPickUpRequest*.

POST api/v4/Public/PostAddReceiptIntoPickUpRequest

The method requires authorization via API key

Input parameters

| Name | Data type | Description |
|-------|---------------------|---|
| input | ExptactReceiptModel | A model that describes the input and output parameters of the receipt |

Input parameters example:

```
var data = {
  "pickUpContactName": "Василь", //Contact person for pick up
  "pickUpContactPhone": "0500000000", //Pick up contact phone number
  "pickUpAddress": "вул. Науки, 50", //Pick up address if not created
  "descentFromFloor": 4, //Descent from the floor
  "pickUpAddressId": "a5eaf714-fb60-e411-b421-000d3a200936", //Pick up address if it
  was created earlier
  "pickUpDate": "2024-07-31T00:00:00", //Pick up date
  "receiptNumberList": ["9900070818", "9900070822", "9900070823"] //Array of receipt
  numbers
}
```

As an array, you can send receipts united by one city of dispatch, date of dispatch. The receipts must be created via the API with schemes 0 (warehouse-warehouse) or 2 (warehouse-door).

Output parameters

Output parameters format

application/json, text/json

Example:

In json format:

```
{
  "status": true,
  "message": "",
  "data": []
}
```

In xml format:

```
<ApiResult>
  <status>true</status>
  <message/>
  <data />
</ApiResult>
```

6.18 Getting the sending register - method SendingRegister.

GET uk-UK/SharedForms/SendingRegister?id={id}&type={type}

Input parameters

| Name | Data type | Default value | Description |
|------|-----------|---------------|---|
| id | String | * | Request number for the cargo pick up |
| type | Int | 1 | Output printed form type 0 or 1 (example below) |

Output parameters

Output parameters format

File with html extension

Example link:

<https://www.delivery-auto.com/uk-UA/SharedForms/SendingRegister?id=00123456&type=0>

Output file:

Register_00123456.html

Printed form type 1



АГЕНТСТВО КОМПАЇС
ДЕЛІВЕРІ

Рішення. Розвиток. Результат.
Перевезення збірних вантажів
і посилок

Гаряча лінія
0-800-509-509
Безкоштовно зі всіх операторів України

Реєстр відправки "Делівері"

№ 01234567

Дата забирання: 13.02.2025

Адреса забирання: вул Тестова 1т

Відправник: Тест

Телефон відправника: 0800509509

| № п/п | Склад отримання | Отримувач | Телефон отримувача | Платник | Вид оплати | Екз. місця | Вага, кг | Об'єм, м ³ | Доставка | Газоборн | Строкування | Місто/Нас. пункт | Адреса доставки | Доп. устаткування | Доп послуги | Примітка по квитанції |
|--------------|-----------------|-----------|--------------------|---------|------------|------------|----------|-----------------------|----------|----------|-------------|------------------|-----------------|-------------------|-------------|-----------------------|
| № 0092960:01 | | | | | Безготів | 0 | 0,000 | 0,00 | Ні | Ні | Ні | | | Ні | | |
| | | | | Разом: | | 0 | 0,000 | 0,00 | | | | | | | | |

Разом:

1 квитанція

Вантаж здав:

Вантаж прийняв:

Printed form type 0



Замовлення на забирання вантажу
№ 00123456/01

Відправник:
Шевченко Тетяна Сергіївна, ФОП
Контактний телефон:
0501112233
Адреса забирання:
Тестова, 1а

Місто отримання:
Отримувач:
Контактний телефон:

Платник:

Вид оплати: Безготівковий

| Дані | Початкові | Фактичні |
|------------------------|-----------|----------|
| Кількість місць | 0 шт. | |
| Вага по квитанції | 0,000 кг. | |
| Об'єм | 0,00 м3 | |
| Доставка | | |
| Місто/нас. пункт | | |
| Адреса доставки | | |
| Страхування вантажу | Ні | 0,00 грн |
| Додаткове пакування: | | |
| Примітка по квитанції: | | |

Вантаж здав: _____

Вантаж прийняв: _____

7. Operations with receipt logs

7.1 Getting receipt logs – method *GetUnidernalLogsByReceiptNumber*.

GET /api/v4/Public/GetUnidernalLogsByReceiptNumber?number={number}&culture={culture}

The method requires authorization

Input parameters

| Name | Data type | Default value | Description |
|---------|-----------|---------------|---------------------------------------|
| number | String | * | Receipt number |
| culture | String | uk-UA | Culture; Valid values (en-US, uk-UA). |

Output parameters

Represents a list of json objects. Object {id, CreatedOn, WarehouseId, WarehouseName, OperationCode, OperationName }.

CreatedOn – Creation data

WarehouseId – Warehouse Id

WarehouseName – Warehouse name

OperationCode – Operation code

OperationName – Operation name

Output parameters format

application/json, text/json

Example:

```
{
  "status": true,
  "message": "",
  "calculatorModel": [
    {
      "CreatedOn": "2014-12-22T13:12:39.393",
      "WarehouseId": "bdff546c-cb16-e211-89ed-00155d053b5d",
      "WarehouseName": "КИЇВ-1",
      "OperationCode": 10000002,
      "OperationName": "Оформлення квитанції на складі",
      "Number": null
    },
    {
      "CreatedOn": "2014-12-23T08:11:20.593",
      "WarehouseId": "265757bd-3ed7-e211-bafa-00155d037932",
      "WarehouseName": "РІВНЕ-ТРАНЗИТ",
      "OperationCode": 10000061,
      "OperationName": "Вивантажено з автомобіля",
      "Number": null
    }
  ]
}
```

8. Additional directories

8.1 Receipt status directory

| Code | Meaning |
|------|--|
| 0 | Issued. The cargo has been delivered to the recipient in full size. |
| 1 | Partially issued. The cargo was not delivered to the recipient in full size. |
| 2 | Formalized. The cargo has arrived at the warehouse of dispatch. |
| 3 | Disposed |
| 4 | Sold |
| 5 | Canceled |
| 6 | On the way. The cargo is on the way. |
| 7 | Available for issue. The cargo has arrived at the receiving warehouse. |
| 8 | Reserved |
| 9 | Forwarded to another warehouse |
| 10 | Unloading in the warehouse |
| 11 | The cargo has arrived at the transit warehouse |
| 12 | Preparing for delivery by courier |
| 13 | Is being delivered by courier |

8.2 Currency directory

| Code | Meaning |
|-----------|---------|
| 100000000 | Hryvnia |

8.3 Operation codes directory

| Operation code | Description |
|----------------|--|
| 100000002 | Formalization of a receipt in the warehouse |
| 100000013 | Change receipt arrival date |
| 100000016 | Forwarding a receipt between warehouses of the same city |
| 100000018 | Loading cargo into a car |
| 100000026 | Change the date of receiving the receipt on delivery |
| 100000059 | Loading cargo into a car |
| 100000060 | Unloading cargo from the car |
| 100000061 | Unloading cargo from the car |
| 100000062 | Loading cargo into a car |
| 100000070 | Cancellation of the issuance of a receipt |
| 100000072 | Issuance of cargo to the client |
| 100000079 | Loading cargo into a car |
| 100000082 | Forwarding a receipt between cities |
| 100000111 | Formalization of a receipt in the warehouse |
| 100000115 | Formalization of the return receipt in the warehouse |
| 100000122 | Cancellation of the issuance of a receipt |
| 100000125 | Issuance of cargo to the client |
| 100000132 | Unloading cargo from the car |

8.4 Receipts types directory

| Code | Meaning |
|------|--------------------|
| 2 | Regular receipt |
| 4 | Forwarding |
| 5 | Delivery |
| 6 | Insurance |
| 7 | Cargo pick up |
| 8 | Service sales |
| 10 | On card transfer |
| 11 | Courier delivery |
| 13 | Transfer |
| 14 | Refundable payment |

8.5 Order status directory

| Status code | Description |
|-------------|---------------------|
| 10000000 | Open |
| 10000001 | Closed |
| 10000002 | Canceled |
| 10000003 | Created by customer |