

POST Services

GET TOKEN

This service should only be consumed when OAuth is active in the application. It generates a token to consume the other services.

PARAMETERS

| PARAMETER | TYPE | MEDIUM | DESCRIPTION |
|-------------------|--------|----------|--|
| grant_type | String | FormData | Type of Authorization |
| username | String | FormData | Username assigned by Ado for the token query. |
| password | String | FormData | Password corresponding to the assigned user for the token query, must be in SHA-1 hash format. |

Example consumption:

```
1 curl -X POST "http://localhost:62859/api/token" -H "accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" -d "grant_type=password&username=username&password=sha1password"
```

RESPONSES

| Code | Description |
|------|--|
| 200 | JSON object containing the token and other fields described in the RESPONSE FIELDS table |
| 400 | unsupported_grant_type The user name or password is incorrect. |

RESPONSE FIELDS:

| Field Name | TYPE | DESCRIPTION |
|---------------------|--------|-------------------|
| access_token | String | El token emitido. |

| | | |
|-------------------|--------|---|
| token_type | String | Tipo de token generado. |
| expires_in | Int | Tiempo de vigencia del token en minutos. |
| issued | String | Fecha y hora de emisión de emisión del token. |
| expires | String | Fecha y hora de vencimiento del token. |

Example response:

| | |
|---------------------------------|--|
| 1 2 3 4 5 6 7 | <pre> { "access_token": "laK8SdjrKUAN7ja4SicUS- mL8eNWW74OTU2ZmSzjABLCGUgZknEifQkNtd5F20pBQIWvDpVwda9 Bf31hB- mnzJLWmuKYY1sygHT37RQGI3Ym1HkLHwduutHwze2m9ZSBWCSV9N gOjO5Zd0Rcl9eexjFOS7cR6lOIzxxu31rLI_mHMbgtdSMAG- gToiHkgeXw6zbyjVaO1IzKMDjczyLZuvlYOfKNijeh-3XbfjRxUy0", "token_type": "bearer", "expires_in": 59, ".issued": "Mon, 27 Jul 2020 20:38:24 GMT", ".expires": "Mon, 27 Jul 2020 20:39:24 GMT" } </pre> |
|---------------------------------|--|

NEW

Sending a selfie to the server

| Name | New |
|------|---|
| Url | {URL_Base}/api/integration/{projectName}/Validation/New |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|-----------------|-----------|----------------|----------|-------------------------------------|
| ProjectName | String | Query | Yes | The name of the associated project. |
| Apikey | String | Header | Yes | The key assigned to the project. |
| Authorization | String | Header | No | Access token. |
| transactionInfo | Json | Body | Yes | The data of the new transaction. |

Specification of the transactionInfo field

| Name | Type | Required | Description |
|--------------------|---------|----------|--|
| ProductId | Int | Yes | Product number for the verified customer transaction. |
| CustomerPhoto | String | Yes | Base64-encoded selfie image |
| DocumentType | String | No | Document type ID , obtained by consuming the IDENTIFICATIONTYPES service. If it is not provided in the request, the default value assigned is Cédula de ciudadanía (ID 1) . |
| Longitude | String | No | Longitude of the location where the process takes place. |
| Latitude | String | No | Latitude of the location where the process takes place. |
| IdAssociated | String | No | Co-signer's identification number |
| ClientRole | String | No | Assigned role number for the platform |
| KeyProcessLiveness | String | No | Liveness process key received during the selfie capture process |
| UIdDevice | String | No | Character string that defines and identifies the device from which the request is made |
| IdUser | String | No | ID registered on the ADO platform for the user making the service request |
| SourceDevice | Integer | No | Number that identifies the type of device: 1 for Web, 2 for Android, and 3 for iOS. |
| SdkVersion | string | No | Build or SDK version number being used, which can be found in the repository's ChangeLog. |
| OS | string | No | Type of operating system from which the service is being consumed |
| BrowserVersion | string | No | If the OS field is set to Web, the browser version used is sent. |
| IMEI | string | No | IMEI of the mobile device consuming the service |
| RiskId | string | No | Risk classification ID |

| | | | |
|-----|--------|----|---|
| Uid | String | No | Transaction identification number. If this is the first service call, the service will return a UID that must be sent in all subsequent service requests until the Close service is executed. If a UID already exists, it must be included to associate the uploaded images with the same transaction. |
|-----|--------|----|---|

RESPONSES

| Code | Description |
|------|--|
| 200 | The transaction has been successfully initiated. An object is returned containing information associated with it. |
| 201 | The face being validated is already enrolled. An object is returned containing information about the created transaction, including the unique transaction number. |
| 400 | The type of document not is valid The risk ID is not valid The risk ID is not valid The risk ID must be an integer Document type is not active |
| 401 | The api key value is required Api Key not valid Can't found User with specified credentials Can't found specified Source Device |
| 404 | The specified project was not found |
| 406 | The facial photograph does not meet the expected criteria. This may be due to the face in the image having glasses, an open mouth, or a blink.. Base64 not valid. Image not valid. |
| 500 | An error has occurred. Please check the error and try again. |

DOCUMENTBACKSIDE

Allows uploading the back side of an identity document.

| Name | DocumentBackSide |
|------|--|
| Url | {URL_Base}api/integration/{projectName}/ Validation/Images/DocumentBackSide |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|---------------|-----------|----------------|----------|------------------------------------|
| ProjectName | String | Query | Yes | The name of the associated project |
| Apikey | String | Header | Yes | The key assigned to the project |
| Authorization | String | Header | No | Access token |
| sideTwoInfo | Json | Body | Yes | The data of the new transaction |

Specification of the `sideTwoInfo` field

| Name | Type | Required | Description |
|-----------------|---------|----------|--|
| Image | String | Yes | Image of the back side of the document in Base64 format |
| Document Type | String | No | Document type ID, obtained by consuming the <code>IDENTIFICATIONTYPES</code> service. If this field is not provided, the system will default to assigning "Cédula de ciudadanía" (ID 1) as the document type. |
| UIdDevice | String | No | String that defines and identifies the device from which the request is made. |
| SourceDevice | Integer | No | Number that identifies the device type, with values of 1 for Web, 2 for Android, and 3 for iOS. |
| SdkVersion | string | No | Build or SDK version number being used, which can be found in the repository's ChangeLog. |
| OS | string | No | Type of operating system from which the service is being consumed |
| BrowserVersion | string | No | If the OS field is set to Web, the browser version used is sent. |
| TransactionType | string | No | Transaction type ID |
| ProductId | string | No | Product number for the transaction |
| Uid | String | No | Transaction identification number. If this is the first time the service is consumed, it will return a UID that must be sent in all subsequent service calls until the Close service is executed. If a UID already exists, it must be included to associate the uploaded images with the same transaction. |
| RiskId | String | No | Risk classification ID |

RESPONSES

| Code | Description |
|------|---|
| 200 | The transaction has been successfully initiated. An object containing information associated with it is returned. RESPONSE OBJECT DESCRIPTION |
| 201 | The client was previously registered. An object is returned containing information about the created transaction, including the unique transaction number. |
| 400 | The type of document not is valid The specified transaction type was not found Transaction type Id must be a valid integer Document type is not active Sdk Versión is not valid |
| 401 | The api key value is required Api Key not valid Can't found User with specified credentials Can't found specified Source Device |
| 404 | The specified project was not found |
| 406 | Base64 not valid. Image not valid. |
| 500 | An error has occurred. Please validate the error and try again. |

FINGERPRINT

Allows uploading the fingerprint image

| Name | Fingerprint |
|------|---|
| Url | {URL_Base}api/integration/{projectName}/ Validation/Images/Fingerprint |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|---------------|-----------|----------------|----------|------------------------------------|
| ProjectName | String | Query | Yes | The name of the associated project |
| Apikey | String | Header | Yes | The key assigned to the project |
| Authorization | String | Header | No | Access token |
| fingerInfo | Json | Body | Yes | The image encoded in Base64 |

Specification of the `fingerInfo` field

| Name | Type | Required | Description |
|---------------|--------|----------|---|
| Image | String | Yes | Image of the front of the document in Base64 format |
| Document Type | String | Yes | Document Type Number: <ul style="list-style-type: none"> 1. Citizenship ID (Cédula de Ciudadanía) 2. PEP with passport only 3. Foreigner ID (Cédula de Extranjería) 4. Identity Card (Tarjeta de Identidad) |
| FingerType | int | Yes | Fingerprint enumerator, possible values: (1, 2) |
| Uid | String | Yes | Transaction identification number. If this is the first time the service is consumed, it will return a UID that must be sent in all subsequent service calls until the Close service is executed. If a UID already exists, it must be included to link the uploaded images to the same transaction. |
| RiskId | String | No | Risk identifier |

RESPONSES

| Code | Description |
|------|--|
| 200 | The fingerprint has been successfully uploaded and the transaction information has been updated. |
| 400 | The provided data does not match the expected criteria |
| 401 | The authorization process was not successful. Please validate the project code and/or the API Key. |

| | |
|-----|---|
| 403 | The fingerprint photograph is not valid for biometric extraction. |
| 404 | The project code and/or the specified UID does not exist. |
| 500 | An error has occurred. Please validate the provided ID number to obtain more details. |

CLOSE

Allows finalizing the current transaction. Assigns a unique transaction number

| | |
|-------------|---|
| Name | Close |
| Url | {URL_Base}/api/Integration/{projectName}/Validation/Close |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|---------------|-----------|----------------|----------|---|
| ProjectName | String | Query | Yes | The name of the associated project |
| Apikey | String | Header | Yes | The key assigned to the project |
| Authorization | String | Header | No | Access token |
| info | Json | Body | Yes | The information required to close the transaction |

Specification of the `info` field

| Name | Type | Required | Description |
|--------|--------|----------|------------------------|
| Uid | String | Yes | Transaction UID |
| RiskId | String | No | Risk classification ID |

RESPONSES

| Code | Description |
|------|---|
| 200 | The transaction has been successfully created. An object containing information associated with it is returned — RESPONSE OBJECT DESCRIPTION |
| 400 | The risk ID is not valid The risk ID must be an integer. |
| 401 | The api key value is required Api Key not valid |
| 404 | The specified project was not found<404> |
| 500 | An error has occurred. Please check the error and try again. |

CHECKHEALTH

POST web service that returns the overall status of the platform. If everything is functioning correctly, the `Message` field in the response will have the value "Alive."

| Name | CheckHealt |
|------|---------------------------------------|
| URL | {URL_Base}/api/Integration/CheckHealt |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|---------------|-----------|----------------|----------|------------------------------------|
| ProjectName | String | query | Yes | The name of the associated project |
| apiKey | String | header | Yes | The key assigned to the project |
| authorization | String | header | Yes | Access token |

RESPONSES

| Code | Response | Description |
|------|--|---|
| 200 | <pre>{ "Code": "String", "Message": "String" }</pre> | JSON-formatted object containing information related to the platform status |

DESCRIPTION OF THE RESPONSE OBJECT

| Name | Type | Description |
|--------------|--------|---|
| { | | |
| Uid | String | Transaction identification number |
| StartingDate | String | Date and time when the first required image for the validation process began transmitting to the server. |
| CreationDate | String | Date and time when the full set of images required for the validation process finished transmitting to the server. |
| CreationIP | String | IP address from which the identity validation process was performed |
| DocumentType | Int | Document Type Number: <ol style="list-style-type: none">1. Citizenship ID2. PEP with passport only3. Foreigner ID4. Identity Card |
| IdNumber | int | Identification number of the validated client |
| FirstName | String | First name of the verified client |
| SecondName | String | Second name of the verified client |
| FirstSurname | String | First surname of the verified client |

| | | |
|----------------------|--------|--|
| SecondSurname | String | Second surname of the verified client |
| Gender | String | Gender of the verified client |
| BirthDate | String | Date of birth of the verified client in YYYY-MM-DD format, ignoring the time |
| Street | String | Address of the verified client |
| CedulateCondition | String | |
| Spouse | String | |
| Home | String | |
| MaritalStatus | String | Marital status of the verified client |
| DateOfIdentification | String | Expiration date of the national ID card in routines that query Ecuador's civil registry, only when the service is active to retrieve this information. This field uses the YYYY-MM-DD format, ignoring the time. |
| DateOfDeath | String | DateOfDeath. |
| MarriageDate | String | MarriageDate. |
| Instruction | String | |
| PlaceBirth | String | Place of birth of the verified client |
| Nationality | String | Nationality of the verified client |
| MotherName | String | Mother's name of the verified client |
| FatherName | String | Father's name of the verified client |

| | | |
|----------------------|--------|--|
| HouseNumber | String | |
| Profession | String | Occupation of the verified client |
| ExpeditionCity | String | ExpeditionCity. |
| ExpeditionDepartment | String | ExpeditionDepartment. |
| BirthCity | String | BirthCity. |
| BirthDepartment | String | BirthDepartment. |
| TransactionType | int | Type of transaction performed |
| TransactionTypeName | String | Name of the type of transaction performed |
| IssueDate | String | Issuance date of the document presented by the verified client in YYYY-MM-DD format, ignoring the time |
| BarcodeText | String | |
| OcrTextSideOne | String | Text extracted from the document capture by OCR (front side of the document) |
| OcrTextSideTwo | String | Text extracted from the document capture by OCR (back side of the document) |
| SideOneWrongAttempts | int | Number of failed attempts capturing the front side of the document |
| SideTwoWrongAttempts | int | Number of failed attempts capturing the back side of the document |
| FoundOnAdoAlert | String | Returns a boolean indicating whether alerts occurred on the ADO platform |
| AdoProjectId | String | Project number in the ADO platform |

| | | |
|-------------------------------|---------|--|
| TransactionId | String | Transaction number for the client's certification |
| ProductId | String | Product number for the verified client's transaction |
| ComparisonFacesSuccessful | boolean | Returns a boolean indicating whether the face comparison was successful |
| FaceFound | boolean | Returns a boolean indicating whether a face was detected during the transaction |
| FaceDocumentFrontFound | boolean | Returns a boolean indicating whether a face was found in the document during the transaction |
| BarcodeFound | boolean | Returns a boolean indicating whether a barcode was detected during the transaction |
| ResultComparisonFaces | int | Face comparison result |
| ResultCompareDocumentFaces | int | Face comparison result between document images |
| ComparisonFacesApproved | boolean | Returns a boolean indicating whether the face comparison was approved |
| ThresholdCompareDocumentFaces | int | Returns an integer representing the configured comparison threshold |
| CompareFacesDocumentResult | string | CompareFacesDocumentResult. |
| "extras": { | | |
| IdState | String | Rating number for the transaction |
| StateName | String | Transaction rating |
| } | | |
| NumberPhone | String | Phone number of the verified client |

| | | |
|---------------------|--------------|--|
| CodFingerprint | String | |
| ResultQRCode | String | |
| DactilarCode | String | |
| ResponseControlList | String | |
| Latitude | String | Latitude |
| Longitude | String | Longitude |
| "Images" : [{ | | |
| Id | String | Image identifier number |
| ImageTypeid | String | Image type ID |
| ImageTypeName | String | Image type name |
| Image | String | Base64 image |
| DownloadCode | String | Image download code |
| }], | | |
| SignedDocuments | String Array | Array containing the list of digitally signed documents. These documents are returned in Base64 format and must be converted to PDF for viewing. |
| "Scores" : [{ | | |
| Id | int | Rating ID |
| UserName | String | |

| | | |
|------------------------|--------|--|
| StateName | String | Rating name |
| StartingDate | String | Date and time when transmission to the server began for the first image required in the validation process |
| Observation | String | Comments or observations about the transaction |
| }] | | |
| "Response_ANI": { | | |
| Niup | String | Identification number of the client consulted in the ANI |
| FirstSurname | String | First surname of the client consulted in the ANI |
| Particula | String | |
| SecondSurname | String | Second surname from the document consulted in the ANI |
| FirstName | String | First name of the document consulted in ANI. |
| SecondName | String | Middle name of the document consulted in ANI. |
| ExpeditionMunicipality | String | Municipality of issuance of the document consulted in ANI. |
| ExpeditionDepartment | String | Department of issuance of the document consulted in ANI. |
| ExpeditionDate | String | Date of issuance of the document consulted in ANI. |
| CedulaState | String | |
| } | | |
| Parameters | String | Parameters sent by the client associated with the transaction (JSON format). |

| | | |
|------------------------|--------|--|
| StateSignatureDocument | String | Indicate whether the documents associated with the transaction have been digitally signed. |
| } | | |

GETFACIALFEATURES

Service responsible for extracting facial features and a face template; these features may include whether the user is wearing glasses, has their eyes closed, and other characteristics to be described below.

| | |
|-------------|----------------------------------|
| Name | GetFacialFeatures |
| URL | {URL_Base}/api/GetFacialFeatures |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|-------------|-----------|----------------|----------|---|
| ProjectName | String | Query | Yes | The name of the associated project. |
| Apikey | String | Header | Yes | The key assigned to the project. |
| request | Json | Body | Yes | JSON format of the information required to consume the service. |

Description of the REQUEST field

| Field Name | Data Type | Required | Description |
|-------------|-----------|----------|---|
| Image | String | Yes | Facial image in Base64 format |
| GetFeatures | Boolean | Yes | Specifies whether to retrieve the features of the submitted image |
| GetTemplate | Boolean | Yes | Specifies whether to retrieve the template of the submitted face |

For the service to respond correctly, at least one of the fields in the request parameter—either GetFeatures or GetTemplate—must be set to true; otherwise, the response will be 400

SERVICE RESPONSES

| Code | Description |
|------|--|
| 200 | Process executed successfully: The request was received by the server. The response, in JSON format, is described below. |
| 400 | Data error, check the request data: los dos valores de los campos GetFeatures y GetTemplate son False. |
| 500 | Internal server error: Internal server error. |

JSON Response Object

| Code | Response |
|------|----------|
|------|----------|

```
{
  "Status": "SUCCESS",
  "Message": "string",
  "Response": {
    "IstResults": [
      {
        "BoundingRect_X": 0,
        "BoundingRect_Y": 0,
        "BoundingRect_Width": 0,
        "BoundingRect_Height": 0,
        "FeaturePoints": [
          {
            "Point_X": 0,
            "Point_Y": 0,
            "Confidence": 0,
            "Code": 0,
            "Name": "string"
          }
        ],
        "Age": 0,
        "Gender": "string",
        "GenderConfidence": 0,
        "Expression": "string",
        "ExpressionConfidence": 0,
        "Blink": true,
        "BlinkConfidence": 0,
        "MouthOpen": true,
        "MouthOpenConfidence": 0,
        "Glasses": true,
        "GlassesConfidence": 0,
        "DarkGlasses": true,
        "DarkGlassesConfidence": 0,
        "EmotionAngerConfidence": 0,
        "EmotionContemptConfidence": 0,
        "EmotionDisgustConfidence": 0,
        "EmotionFearConfidence": 0,
        "EmotionHappinessConfidence": 0,
        "EmotionNeutralConfidence": 0,
        "EmotionSadnessConfidence": 0,
        "EmotionSurpriseConfidence": 0,
        "EthnicityAsianConfidence": 0,
        "EthnicityBlackConfidence": 0,
        "EthnicityHispanicConfidence": 0,
        "EthnicityIndianConfidence": 0,
        "EthnicityWhiteConfidence": 0,
        "Template": "string"
      }
    ]
  },
  "data": {}
}
```

The Status field may return code 6, which corresponds to NO TEMPLATE. This means that the service was unable to obtain a facial template from the submitted image.

Example of service response.

| Json | Code Success |
|-------------|---------------------|
|-------------|---------------------|

```
{
  "Status": 1,
  "Message": null,
  "Response": {
    "IstResults": [
      {
        "BoundingRect_X": 101,
        "BoundingRect_Y": 22,
        "BoundingRect_Width": 105,
        "BoundingRect_Height": 142,
        "FeaturePoints": [
          {
            "Point_X": 179,
            "Point_Y": 179,
            "Confidence": 98,
            "Code": 449,
            "Name": "LeftEyeCenter"
          }
        ]
      },
      {
        "Age": 23,
        "Gender": "Female",
        "GenderConfidence": 76,
        "Expression": "Unknown",
        "ExpressionConfidence": 24,
        "Blink": false,
        "BlinkConfidence": 77,
        "MouthOpen": false,
        "MouthOpenConfidence": 60,
        "Glasses": false,
        "GlassesConfidence": 30,
        "DarkGlasses": false,
        "DarkGlassesConfidence": 34,
        "EmotionAngerConfidence": 0,
        "EmotionContemptConfidence": 69,
        "EmotionDisgustConfidence": 0,
        "EmotionFearConfidence": 0,
        "EmotionHappinessConfidence": 12,
        "EmotionNeutralConfidence": 19,
        "EmotionSadnessConfidence": 0,
        "EmotionSurpriseConfidence": 0,
        "EthnicityAsianConfidence": 12,
        "EthnicityBlackConfidence": 4,
        "EthnicityHispanicConfidence": 2,
        "EthnicityIndianConfidence": 8,
        "EthnicityWhiteConfidence": 73,
        "Template": "String del template"
      }
    ]
  },
  "data": null
}
```

1

| | |
|---|---|
| <pre>{ "Status": 6, "Message": "FACE_NOT_FOUND", "Response": null, "data": null }</pre> | 6 |
|---|---|

CUSTOMER VERIFICATION

This service must be consumed when the FindByNumberIdSuccess service returns a JSON response indicating a successful process and the verification method must be executed. This service records the transaction and requires the following parameters.

| Name | CustomerVerification |
|------|-------------------------------------|
| URL | {URL_Base}/api/CustomerVerification |
| TYPE | POST |

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|-------------|-----------|----------------|----------|---|
| ProjectName | String | Query | Yes | The name of the associated project. |
| ApiKey | String | Header | Yes | The key assigned to the project. |
| Data | Json | Body | Yes | JSON format of the information required to consume the service. |

Specification of the Data field.

| Name | Type | Yes | Description |
|----------------------|--------|-----|------------------------|
| DocumentType | String | No | Document type ID. |
| IdentificationNumber | String | Yes | Identification number. |

| | | | |
|--------------------|---------|-----|---|
| Face | String | Yes | Base64-encoded image to be verified. |
| FingerPrint | String | No | Base64-encoded fingerprint image to be verified. |
| longitude | String | No | Location coordinate. |
| Latitude | String | No | Location coordinate. |
| ProductId | Integer | No | Product ID corresponding to the verification process. |
| KeyProcessLiveness | String | No | Liveness process key returned after capturing the selfie. |
| SourceDevice | Integer | No | ID of the device from which the process is being carried out. |
| SdkVersion | String | No | Version of the SDK being used. |
| OS | String | No | Operating system version. |
| BrowserVersion | String | No | Browser version being used. |
| UIdDevice | String | No | Character string that defines and identifies the device from which the request is made. |
| IdUser | String | No | ID registered in the ADO platform of the user making the service request. |
| IMEI | string | No | IMEI of the mobile device consuming the service. |
| RiskId | string | No | Configured risk ID in the platform. |

RESPONSES

| Code | Description |
|------|---|
| 200 | The transaction has been successfully created. |
| 400 | All fields are required. Face not valid. The type of document not is valid. The risk ID is not valid. The risk ID must be an integer. |
| 401 | The api key value is required Authorization is required to use this method Can't found specified Source Device Can't found User with specified credentials |

| | |
|-----|--|
| 404 | The specified project was not found The specified product was not found Customer not Found |
| 406 | The facial photograph does not meet the expected criteria; this may be due to the person wearing glasses, having an open mouth, or blinking. |

RESPONSE

| CODE | RESPONSE | DESCRIPTION |
|------|-----------------------------|---|
| 200 | RESPONSE OBJECT DESCRIPTION | JSON-formatted object containing the transaction information. |

CREATESIGNDOCUMENTSTRANSACTION

Service that creates a digital signature transaction. This service requests basic client information and the documents to be signed, which must be PDF files converted to Base64 format. The required parameters are as follows:

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|---------------|-----------|----------------|----------|--|
| Model | Json | Body | Yes | The information required to close the transaction. |
| projectName | String | Path | Yes | Project name. |
| apiKey | String | Header | Yes | Project API key. |
| Authorization | String | Header | No | Access token. |

PARAMETERS

| Name | Data Type | Required | Description |
|----------------------|-----------|----------|------------------------|
| IdentificationType | String | Yes | Identification type. |
| IdentificationNumber | String | Yes | Identification number. |
| FirstName | String | Yes | First name. |
| SecondName | String | No | Middle name. |
| FirstSurname | String | Yes | First surname. |

| | | | |
|---------------|--------------|-----|---|
| SecondSurname | String | No | Second surname. |
| Documents | String Array | Yes | Array of PDF documents converted to Base64. |

RESPONSE

| COD E | RESPONSE` | DESCRIPTION |
|------------------|------------------|--------------------|
|------------------|------------------|--------------------|

200

```
"Uid": "string",
"StartingDate":
"string",
"CreationDate":
"string",
"CreationIP":
"string",

"DocumentType":
"string",
"IdNumber":
"string",
"FirstName":
"string",
"SecondName":
"string",
"FirstSurname":
"string",

"SecondSurname":
"string",
"Gender":
"string",
"BirthDate":
"string",
"Street":
"string",

"CedulateConditio
n": "string",
"Spouse":
"string",
"Home": "string",
"MaritalStatus":
"string",

"DateOfIdentificati
on": "string",
"DateOfDeath":
"string",
"MarriageDate":
"string",
"Instruction":
"string",
"PlaceBirth":
"string",
"Nationality":
"string",
"MotherName":
"string",
"FatherName":
"string",
"HouseNumber"
: "string",
"Profession":
"string",
"ExpeditionCity"
: "string",

"ExpeditionDepart
ment": "string",
```

JSON-formatted object containing the transaction information. For more details, see the section RESPONSE OBJECT DESCRIPTION.

This service returns the status as 'Pending' for the transaction. This indicates that the signing process has started. Twenty seconds later, the signed documents can be retrieved using the GET/Validation service.

SEARCH ONE TO MANY

Service that allows us to determine whether a user is enrolled based on their facial template.

PARAMETERS

| Name | Data Type | Parameter Type | Required | Description |
|-----------------|-----------|----------------|----------|--|
| transactionInfo | Json | Body | Yes | The information required to close the transaction. |
| projectName | String | Path | Yes | Project name. |
| apiKey | String | Header | Yes | Project API key. |
| Authorization | String | Header | No | Access token. |

PARAMETERS

| Name | Data Type | Required | Description |
|---------------|---------------|----------|---|
| ProductId | Int | Yes | Product type. |
| CustomerPhoto | String Base64 | Yes | Person's facial image in Base64 format. |
| DocumentType | Int | Yes | Document Type |

RESPONSE

| CODE | RESPONSE | DESCRIPTION |
|------|----------|-------------|
|------|----------|-------------|

```

"Uid": "string",
"StartingDate":
"string",
"CreationDate"
: "string",
"CreationIP":
"string",

"DocumentType":
"string",
"IdNumber":
"string",
"FirstName":
"string",
"SecondName"
: "string",
"FirstSurname"
: "string",

"SecondSurname"
: "string",
"Gender":
"string",
"BirthDate":
"string",
"Street":
"string",

"CedulateConditio
n": "string",
"Spouse":
"string",
"Home":
"string",

"MaritalStatus":
"string",

"DateOfIdentifica
tion": "string",
"DateOfDeath"
: "string",

"MarriageDate":
"string",
"Instruction":
"string",
"PlaceBirth":
"string",
"Nationality":
"string",
"MotherName":
"string",
"FatherName":
"string",

"HouseNumber":
"string",
"Profession":
"string",

```

"JSON-formatted object containing the transaction information. For more information, see the section RESPONSE OBJECT DESCRIPTION.

| | | |
|-----|------------------|---|
| 404 | Enroll not found | No prior enrollment has been found for this face. |
|-----|------------------|---|

RESULTED RETORS

At the end of any of the invocations mentioned above and provided that the end user has finished with all the images requested, client will receive in his CallBack URL a JSON object with the following structure

Answer

| CODE | Answer | DESCRIPTION |
|-------------|---------------|--------------------|
|-------------|---------------|--------------------|

```

"Uid": "string",
"StartingDate": "string",
"CreationDate": "string",
"CreationIP": "string",
"DocumentType" : 0,
"IdNumber": "string",
"FirstName": "string",
"SecondName": "string,"
"FirstSurname": "string",
"SecondSurname" : "string,"
"Gender": "string",
"BirthDate": "string",
"Street": "string",
"CedulateCondition": "string",
"Spouse": "string",
"Home": "string",
"MaritalStatus" : "string",
"DateOfIdentification": "string,"
"DateOfDeath": "string",
"MarriageDate": "string",
"Instruction": "string",
"PlaceBirth": "string",
"Nationality": "string,"
"MotherName": "string",
"FatherName": "string,"
"HouseNumber": "string",
"Profession": "string",
"ExpeditionCity": "string",
"ExpeditionDepartment": "string",
"BirthCity": "string",
"BirthDepartment": "string",
"TransactionType" : 0,
"TransactionTypeName": "string,"
"IssueDate": "string",
"BarcodeText": "string,"
"OcrTextSideOne": "string,"
"OcrTextSideTwo": "string,"
"SideOneWrongAttempts" . 0,
"SideTwoWrongAttempts" . 0,
"FoundOnAdoAlert" . . . . .
"AdoProjectId": "string,"
"TransactionId""TransactionId":
"string",
"ProductId": "string",
"ComparisonFacesSuccessful" :
false,
"FaceFound" : false,
"FaceDocumentFrontFound" :
false,
"BarcodeFound" : false,
"ResultComparisonFaces" : 0,
"ComparisonFacesGearn" : false,
"Extras".
"IdState": "string",
"StateName": "string"
-- Oh,
"NumberPhone": "string",
"CodFingerprint": "string",
"ResultQRCode": "string,"
"DactilarCode": "string",
"ResponseControlList" : "string,"

```

JSON format object with transaction information.

If the agreed return mechanism is GET, the result of the process will come with a concatenity chain to the Callback URL, in case the agreed response mechanism is POST, it will be returned as a JSON Object to URL-Callback, which must be able to digest that object.

FIELDS ARRAY "EXTRAS"

| NAME | TYPE | DESCRIPTION |
|---------|--------|--|
| IdState | String | Indicates in number the result of the transaction based on the dictionary shown below. |
| State | String | Indicates in text the outcome of the transaction based on the dictionary above below. |

Responses can be validated in ["Answer DICCIONARY"](#).

CAMPOS OBJECT "RESPONSE ANI"

| NAME | TYPE | DESCRIPTION |
|------------------------|--------|---|
| Niup | String | Unique personal identification number. Cedula of Citizenship of persons with Colombian nationality. |
| FirstSurname | String | First surname of the document consulted, it returns empty if it does not contain any data. |
| Particle | String | |
| SecondSurname | String | Second surname of the document consulted, it returns empty if it does not contain any data. |
| First | String | First Name of the document consulted, it returns empty if it does not contain any data. |
| Second | String | Second Name of the document consulted, it returns empty if it does not contain any data. |
| ExpeditionMunicipality | String | Municipality where the document was issued, it returns empty if it does not contain any data. |
| ExpeditionDepartment | String | Department where the document was issued, it returns empty if it does not contain any information. |
| ExpeditionDate | String | Date on which the document was issued, it returns empty if it does not contain any data. |

| | | |
|--------------|--------|--|
| Cedula State | String | Status in which the ballot is located (review code tables for more information). |
|--------------|--------|--|

RESPONSE CONTROL LIST' OBJECT FIELDS

As agreed at the NSA, control lists will be consulted or not. If the consultation is contracted and agreed, it can be carried out by the following search parameters:

1. Search by Name.
2. Search by Name and Document Number.
3. Search by Document Number.

Examples return consultation

1. If a search will be done by name = RODRIGUEZ OREJUELA we will obtain a total of 12 records, starting by which they most resemble the searched text.
2. If we search by name=RODRIGUEZ OREJUELA and Document Number=6068015 we will get a single record.
3. If we search for the document number: 6068015 we will get a single record.

Example value within the JSON:

ResponseControlList: When serializing this object can be interpreted as follows:

Case 1: Response to consultation of a single person Unrealized


```
1 {
2   "datetime": "2021-04-14 09:23:37",
3   "id_bitacora": 783286,
4   "results": [
5     {
6       "item_no": 2,
7       "nombre": "rodriguez orejuela",
8       "doc_id": "6068015",
9       "block": true,
10      "datos_pro": null,
11      "datos_ramajudicial": null,
12      "datos_amlnews": [],
13      "datos_tsti": [
14        {
15          "lista": [
16            "2776"
17          ],
18          "estado": null,
19          "categoria": [
20            "SDNT"
21          ],
22          "nombre_apellido": [
23            "RODRIGUEZ OREJUELA, Gilberto Jose"
24          ],
25          "pasaporte2": [
26            "10545599, 77588, 6067015, T321642"
27          ],
28          "url": "http://bit.ly/1MLgpye ,http://bit.ly/1I7ipyR",
29          "detalle": [
30            "Specially Designated Nationals (SDN) - Treasury
31            Department"
32          ],
33          "pasaporte": [
34            "10545599, 77588, 6067015, T321642"
35          ],
36          "n_identificacion2": [
37            "6067015, 6068015"
38          ],
39          "ciudadania": [
40            ""
41          ],
42          "alias": [
43            "THE CHESS PLAYER, LUCAS"
44          ],
45          "id": "1733370",
46          "n_identificacion": [
47            "6067015, 6068015"
48          ],
49          "nombre_relacion_lista": [
50            "BIS"
51          ],
52          "id_relacion_lista": [
53            "352"
54          ],
55          "_version": 1696964922198458368,
56          "estado1": null,
57          "estado2": null,
58          "estado3": null,
59          "relacionado": "[]"
60        }
61      ],
62      "lista": [
63        "3765"
64      ],
65      "estado": null,
66      "categoria": [
67        "SDNT"
68      ],
69      "nombre_apellido": [
70        "Gilberto Jose RODRIGUEZ OREJUELA"
71      ],
72      "pasaporte2": [
73        "Passport 10545599 Venezuela, Passport 77588
74        Argentina, Passport 6067015 Comoros, Passport T321642 Colombia"
75      ]
76    }
77  ]
78 }
```

Inside the "data-tsti" field, all the control lists on which the search made match are completed.

OBSERVATIONS: The output matrix contains the following data:

1. **datetime:** Date and time of execution of the operation.
2. **results:** It is an array or list of objects representing the "(s) result(s) of the persons(()) consulted(s). For each person an object, separated by commas is defined from each other, with three fields:
 - **item-no:** Registration identification sequence.
 - **Docc?id:** Identification number of the person consulted.
 - **block:** Variable boolean. A value **true** The person was found on some prohibitive list.
3. **Time:** Time in seconds that the consultation lasted.

LISTS DEL SYSTEM

The following are all the lists that are reported in the system to date, is It is important to clarify that the OFAC (restric) list is in line with code 3765.

| Code | Name |
|------|---------------------------------------|
| 9963 | Supersociety Restructuring Agreements |
| 1381 | AFRICAN BANK |
| 5349 | National Mining Agency RUCOM. |
| 5666 | Aml.News Argentina |
| 1313 | Aml.News Chile |
| 3875 | Aml.News Colombia |
| 8458 | Aml.News Costa Rica |
| 4573 | Aml-News Dominica |
| 5899 | Aml.News Ecuador |
| 7661 | Aml.News El Salvador |
| 4491 | Aml.News Spain |
| 8561 | Aml.News United States |
| 6844 | Aml.News Guatemala |
| 9515 | Aml.News Honduras |
| 9194 | Aml.News Mexico |
| 9726 | Aml-News Nicaragua |
| 4297 | Aml.News Panama |

| | |
|------|--|
| 1189 | Aml-News Paraguay |
| 9534 | Aml.News Peru |
| 2889 | Aml-News R. Dominica |
| 3356 | Aml-News Venezuela |
| 4144 | ASIAN BANK Anti-corruption and Integrity |
| 4454 | AUSTRALIAN FOREIGN AFFAIRS |
| 2955 | Bahamas leaks |
| 9745 | Inter-American Development Bank (IDB) |
| 2375 | World Bank |
| 8391 | Banks sanctioned Panama |
| 5362 | Newsletter Spanish Civil Guard |
| 6242 | DEA tickets |
| 2487 | Boletines Colombia Attorney's Office |
| 2776 | Bureau of Industry and Security BIS |
| 6967 | Concordets Supersocieties |
| 8315 | Comptroller of Peru |
| 5694 | Contractors 2015 and 2016 Mayor of Bogotá |
| 9851 | Construction contractors Mayor of Bogotá |
| 3754 | Contractors sanctioned Panama |
| 5228 | Liquidated or in Voluntary Liquidation Superhealth |
| 1871 | Illegal financial exercise Superfinanciera financial activity |
| 4936 | Companies in Supersolidary Voluntary Liquidation |
| 1627 | Entities in SuperHealth Restructuring Agreement |
| 1976 | Entities in Measure Cautellar Special Surveillance Superhealth |
| 8573 | Liquidated Superhealth Entities |
| 2637 | European Bank for Reconstruction and Development |
| 8454 | European List |
| 3766 | Europol |
| 5622 | FBI Fugitives |
| 8616 | Chief Mayor of Bogotá |
| 3241 | Officials and Contractors Comptroller |
| 3417 | GREATER VICTORIA CRIME STOPPERS |

| | |
|------|---|
| 8923 | HM Treasury |
| 4193 | Immigration and Customs Eforcement ICE |
| 7264 | Interpol International Criminal Police Organization |
| 7127 | Adverse Interventions Administrative Superhealth |
| 3889 | Central Board of Accountants |
| 3861 | Judicial Liquidation Supersocieties |
| 5778 | Liquidated, Administrative Forzosa Superhealth |
| 1692 | Public Ministry Colombia |
| 7594 | Public Prosecutor's Office of Honduras |
| 8495 | Public ministry Peru |
| 3765 | OFAC List |
| 4298 | Offshore leakst |
| 6622 | Terrorist organizations designated by the United States |
| 3113 | OSFI |
| 9279 | Panama Papers |
| 5668 | Paradise Papers |
| 5318 | PEPS Antigua and Barbuda |
| 5488 | PPEPS Argentina |
| 2489 | PPEPS Bahamas |
| 5747 | PPEPS Barbados |
| 2138 | PPEPS Belize |
| 6356 | PPEPS Brazil |
| 4259 | PPEPS Canada |
| 3192 | PPEPS Chile |
| 4223 | PPEPS Colombia |
| 7714 | PPEPS Costa Rica |
| 3523 | PPEPS Ecuador |
| 4366 | PPEPS United States |
| 6135 | PPEPS Mexico |
| 5929 | PPEPS Nicaragua |
| 3126 | PPEPS Panama |
| 1914 | PPEPS Paraguay |
| 6729 | PPEPS Peru |

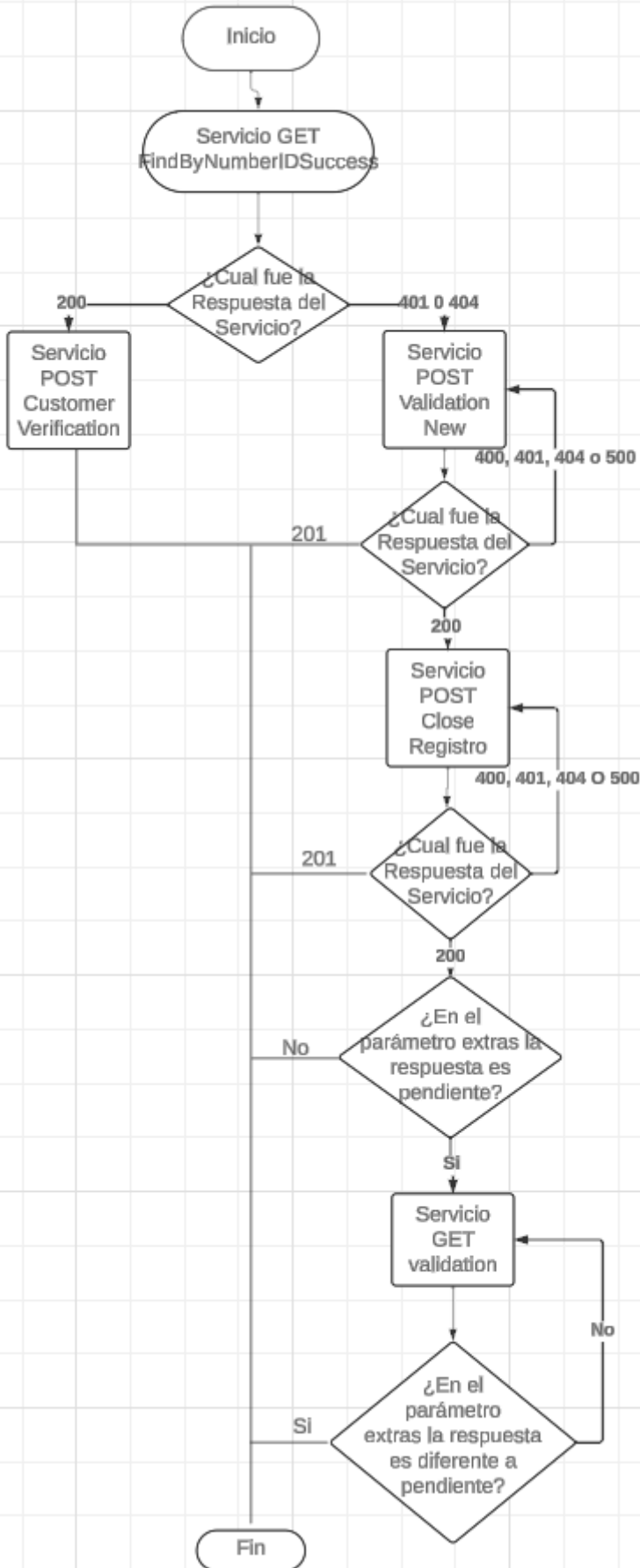
| | |
|------|---|
| 8277 | PPEPS Puerto Rico |
| 1636 | PPEPS Dominican Republic |
| 2651 | PPEPS Saint Lucia |
| 6255 | PPEPS Trinidad and Tobago |
| 4671 | PPEPS Uruguay |
| 9861 | PPEPS Venezuela |
| 8971 | Argentine police |
| 8998 | Puerto Rico National Police |
| 6482 | Postulates Law 975 Justice and Peace. Attorney General's Office |
| 7416 | Presidency of the Peruvian Council of Ministers |
| 8737 | Suppliers Fictitious DIAN Colombia |
| 4734 | Fiscal Managers Comptroller's Office |
| 7828 | Punishments COPNIA |
| 1422 | Penalties in Colombia's Financial Superintendency |
| 8456 | Sentences for unfair competition SIC |
| 3982 | Companies in Compulsory Liquidation |
| 7978 | THE UK POLICE |

Example of Case by Name and Document Number

| | |
|---|---|
| 1 | "ReponseControlList": |
| 2 | {\ "datetime":\ "2021-04-14 09:10:52",\ "id_bitacora":\ 783284,\ "results":\ [{\ "item_no":\ 2,\ "nombre":\ "DAVID DUARTE",\ "doc_id":\ "1070974525",\ "block":\ false ,\ "datos_pro":\ null ,\ "datos_ramajudicial":\ null ,\ "datos_amnews":\ [],\ "datos_tsti":\ null ,\ "datos_twitter":\ [{\ "url":\ "https://\vtwitter.com/\vi/\vweb/\vstatus/\v1376299318034972680",\ "text":\ "\ "Confié en un guionista y un director que saben mucho de cine y que además son hermanos: David y Fernando Trueba. Ellos hicieron que lo complejo pareciera fácil":\ Héctor Abad habla del filme "El olvido que seremos". https://\vt.co/\E5QkAid1ne",\ "crimes":\ "[\ "PERTURBACION"]",\ "name_account":\ "elespectador",\ "name":\ "David",\ "date":\ "2021-03-28T22:25:02Z"]}]},\ "elapsed_time":\ 3.561439037323} |

FLOWCHART FOR VALIDATING AGAINST THE CIVIL REGISTRY

Diagrama de Flujo



Revision #15

Created 13 June 2025 15:56:40

Updated 1 July 2025 21:05:42