

Insurance Survey APIs

1- Generate Authentication Token

POST `{DOMAIN}/api/auth`

Generate Auth Token

Request

Headers

Content-Type: application/json
Authorization: Bearer {API_KEY}

Body (JSON)

```
{
  "params": {
    "login": "admin",
    "password": "admin"
  }
}
```

Field Descriptions

Field	Type	Required	Description
Request Body			Authentication credentials
<code>params</code>	object	Yes	Contains login parameters
<code>params</code>			Login Parameters
<code> └ login</code>	string	Yes	User's login/username
<code> └ password</code>	string	Yes	User's password

Response

Success (200 OK)

```
{  
    "jsonrpc": "2.0",  
    "id": null,  
    "result": {  
        "code": 200,  
        "status": "success",  
        "message": "Authenticated successfully",  
        "data": {  
            "token": "6ca8db8f253e970ed019dc4ad6693494ede028e3",  
            "uid": 2,  
            "user_type": "broker",  
            "expires_at": "2026-01-06T10:36:53.199171"  
        }  
    }  
}
```

Field Descriptions

Field	Type	Description
Root Object		
<code>result</code>	object	Contains authentication results
<code>result</code>		Authentication Results
└ <code>code</code>	integer	HTTP status code (200 for success)
└ <code>status</code>	string	Operation status ("success"/"error")
└ <code>message</code>	string	Human-readable result message
└ <code>data</code>	object	Contains authentication token details
<code>data</code>		Token Information

└─ token	string	Session authentication token (SHA-1 hash)
└─ uid	integer	User identification number
└─ user_type	string	User type eg. ['broker', 'customer']
└─ expires_at	string	Token expiration date

2- Get Insurance Survey Document

GET {DOMAIN}/api/v1/lov/survey-document-lines

Returns the list of values of all available survey documents in the insurance system

Request

Headers

Content-Type: application/json
 Authorization: Bearer {API_KEY}

Body (JSON)

```
[REDACTED]
```

Response

Success (200 OK)

```
{
  "survey_document_lines": [
    {
      "id": 4014,
      "item": "National ID",
      "label": "National ID"
    }
  ]
}
```

```

        "sequence_number": "Survey-Line/0001"
    },
{
    "id": 4015,
    "item": "Survey Documents",
    "sequence_number": "Survey-Line/0004"
},
]
}

```

Field Descriptions

Field	Type	Description
survey_document_lines	array	A list of survey document line types available in the system.
└ id	integer	The unique identifier of the survey document line.
└ item	string	The name of the survey document line (e.g., National ID, Survey Documents).
└ sequence_number	string	The reference code for the survey document line (e.g., Survey-Line/0001). This value can be used when referencing survey document lines in other API requests.

3- Get Survey Exclusion Types

GET {{DOMAIN}}/api/v1/lov/exclusion-types

Returns the list of values of all available survey documents in the insurance system

Request

Headers

Content-Type: application/json
Authorization: Bearer {API_KEY}

Body (JSON)

```
{ "exclusion_types": [ { "id": 4014, "item": "شرح", "sequence_number": "EXCLUSION TYPE/0001" }, { "id": 4015, "item": "نقر", "sequence_number": "EXCLUSION TYPE/0002" } ] }
```

Response

Success (200 OK)

```
{ "exclusion_types": [ { "id": 4014, "item": "شرح", "sequence_number": "EXCLUSION TYPE/0001" }, { "id": 4015, "item": "نقر", "sequence_number": "EXCLUSION TYPE/0002" } ] }
```

Field Descriptions

Field	Type	Description
exclusion_types	array	A list of exclusion types available in the system.
└ id	integer	The unique identifier of the exclusion type.

└ item	string	The name of the exclusion type (e.g., نفر، شخص).
└ sequence_number	string	The reference code for the exclusion type (e.g., EXCLUSION TYPE/0001). This value can be used when referencing exclusion types in other API requests.

4- List Survey records

GET {{DOMAIN}}/api/v1/survey/list-surveys

Returns a list of objects with information about available surveys it can be filtered by user, any domains.

Request

Headers

Content-Type: application/json
 Authorization: Bearer {API_KEY}

Body (JSON)

None

Query Parameters

Parameter	Type	Required	Description
identification_codes	List: str	Yes	Identification codes of the authenticated user/s making the

			request (e.g., ["12333", "1233"])
<code>survey_type</code>	string	Yes	Type of survey to filter by (e.g., <code>"issuance"</code> for policy issuance surveys, <code>"claim"</code> for claim surveys)
<code>limit</code>	integer	No	Number of records to return per page (default: <code>10</code>)
<code>offset</code>	integer	No	Pagination offset for record retrieval (default: <code>0</code>)
<code>domain</code>	array	No	Advanced filter criteria using Odoo domain syntax (e.g., <code>[('surveyor_name.customer_code', 'in', ['016000000097'])]</code> searches for surveys for a specific surveyor by their code)

Response

Success (200 OK)

```
{
  "surveys": [
    {
      "id": 7,
      "state": "surveyor",
      "survey_number": "SURV/0004",
      "claim_id": false,
      "policy_risk_id": false,
      "crm_risk_id": 2414,
      "lead_id": 2302,
      "surveyor_name": "بيت الخبرة للمعابنات"
    }
  ]
}
```

```
"surveyor_code": "016000000097",
"survey_type": "Issuance",
"survey_type_sequence": "S-Type/0001",
"surveyor_type": "internal",
"zero_price": 0.0,
"market_value": 0.0,
"product_name": "Motor Private Section",
"product_code": "40020",
"line_of_business": "سيارات",
"customer_name": "Hera Mohamed Sayed Mossad Massoud",
"customer_code": "007000061485",
"repair_center_name": "",
"customer_phone": "010014961588",
"customer_email": "",
"customer_street": "",
"state_id": false,
"state_name": "",
"survey_location": "",
"accident_types": [],
"accidents_count": 0,
"number_of_kilometers": 10709.0,
"salvage_amount": 0.0,
"assign_date": "2025-08-03",
"due_date": "",
"survey_date": "2025-05-19 09:46:42",
"survey_documents": [
  {
    "id": 25,
    "document_code": "Survey-Line/0001",
    "document_name": "National ID",
    "files": [
      {
        "content": "b'iVBORw0KGgoAAAAN...",
        "filename": "trendyol.png"
      }
    ],
    "comment": ""
  },
  {
    "id": 26,
    "document_code": "Survey-Line/0002",
    "document_name": "Car License",
    "files": [],
    "comment": ""
  },
  {
    "id": 27,
    "document_code": "Survey-Line/0003",
    "document_name": "Driver License",
    "files": [],
    "comment": ""
  }
],
```

```

{
    "id": 28,
    "document_code": "Survey-Line/0004",
    "document_name": "Survey Documents",
    "files": [],
    "comment": ""
}
],
"risk_info": {
    "vehicle_possession": "John Doe",
    "vehicle_plate_number": "329 ح ٣٢٩",
    "vehicle_make": "MAKER/0044",
    "vehicle_model": "CAR MODEL/0081",
    "vehicle_category": "CAR CATEGORY/0113",
    "vehicle_color": "CAR COLOR/0001",
    "vehicle_seats": 0,
    "vehicle_manufacture_year": "2024",
    "vehicle_body_type": "BODY TYPE/0001",
    "vehicle_usage": "USAGE/0001",
    "vehicle_cc": "lov.lines(3909,)",
    "vehicle_state": "used",
    "vehicle_chassis_number": "NMTBB9BEXRR134183",
    "vehicle_motor_number": "6D94664",
    "vehicle_fuel_type": "FUEL TYPE/0001",
    "vehicle_has_radio": true,
    "vehicle_has_conditioning": true,
    "vehicle_has_roadside": true,
    "euro_assist_program": "ROAD SIDE PROGRAM/0001",
    "driver_name": "",
    "driver_date_of_birth": "",
    "driver_license_number": "",
    "driver_license_issue_date": "",
    "driver_license_expiry": ""
},
"car_condition": "Lorem ipsum dolor sit amet consectetur, adipiscing elit scelerisque tellus, est tortor platea maecenas. Nec diam neque per primis netus viverra placerat metus",
    "repair_center": false,
    "recommendation": "Lorem ipsum dolor sit amet consectetur, adipiscing elit scelerisque tellus, est tortor platea maecenas. Nec diam neque per primis netus viverra placerat metus",
    "conclusion": "Lorem ipsum dolor sit amet consectetur, adipiscing elit scelerisque tellus, est tortor platea maecenas. Nec diam neque per primis netus viverra placerat metus"
}
]
}

```

Field Descriptions

Field	Type	Description
Root Object		
<code>surveys[]</code>	array[object]	Array of survey objects
<code>surveys[]</code>		Survey Information
— <code>id</code>	integer	Unique survey identifier
— <code>state</code>	string	Current survey state ("surveyor")
— <code>survey_number</code>	string	Unique survey reference number
— <code>claim_id</code>	boolean	Associated claim ID (false if none)
— <code>policy_risk_id</code>	boolean	Associated policy risk ID (false if none)
— <code>crm_risk_id</code>	integer	Related CRM risk identifier
— <code>lead_id</code>	integer	Related lead identifier
— <code>surveyor_name</code>	string	Name of surveyor/assessment company
— <code>surveyor_code</code>	string	Unique surveyor identification code
— <code>survey_type</code>	string	Type of survey ("Issuance")
— <code>survey_type_sequence</code>	string	Survey type sequence code
— <code>surveyor_type</code>	string	Type of surveyor ("internal")
— <code>zero_price</code>	float	Base price value (typically 0.0)
— <code>market_value</code>	float	Assessed market value of vehicle
— <code>product_name</code>	string	Insurance product name
— <code>product_code</code>	string	Product identification code

└ line_of_business	string	Business line/category
└ customer_name	string	Full name of policyholder
└ customer_code	string	Customer identification code
└ repair_center_name	string	Recommended repair center
└ customer_phone	string	Customer contact phone number
└ customer_email	string	Customer email address
└ customer_street	string	Customer street address
└ state_id	boolean	State/province identifier
└ state_name	string	Name of state/province
└ survey_location	string	Location where survey was conducted
└ accident_types[]	array	Types of accidents involved
└ accidents_count	integer	Number of accidents recorded
└ number_of_kilometers	float	Vehicle odometer reading
└ salvage_amount	float	Assessed salvage value amount
└ assign_date	date	Date when survey was assigned
└ due_date	date	Survey due date
└ survey_date	datetime	When survey was conducted
└ survey_documents[]	array[object]	Array of survey documents
└ risk_info	object	Vehicle information details
└ car_condition	string	Description of vehicle condition
└ repair_center	boolean	Repair center recommendation
└ recommendation	string	Surveyor's recommendations

└ conclusion	string	Final survey conclusions
survey_documents[]		Survey Documents
└ id	integer	Unique document identifier
└ document_code	string	Document reference code
└ document_name	string	Type of document
└ files[]	array[obje ct]	Attached document files
└ comment	string	Additional document notes
files[]		File Details
└ content	string	Base64 encoded file content
└ filename	string	Name of uploaded file
risk_info		Vehicle Information
└ vehicle_possession	string	Name of vehicle possessor
└ vehicle_plate_number	string	Vehicle license plate number
└ vehicle_make	string	Manufacturer code
└ vehicle_model	string	Model code
└ vehicle_category	string	Vehicle category code
└ vehicle_color	string	Color code
└ vehicle_seats	integer	Number of seats
└ vehicle_manufacture_year	string	Year of manufacture
└ vehicle_body_type	string	Body type code
└ vehicle_usage	string	Usage type code
└ vehicle_cc	string	Engine displacement description
└ vehicle_state	string	Condition of vehicle
└ vehicle_chassis_number	string	Chassis/VIN number
└ vehicle_motor_number	string	Engine serial number

└─ vehicle_fuel_type	string	Fuel type code
└─ vehicle_has_radio	boolean	Has radio installed
└─ vehicle_has_conditioning	boolean	Has air conditioning
└─ vehicle_has_roadside	boolean	Has roadside assistance
└─ euro_assist_program	string	Roadside assistance program code
└─ driver_name	string	Primary driver name
└─ driver_date_of_birth	string	Driver birth date
└─ driver_license_number	string	Driver license number
└─ driver_license_issue_date	string	License issue date
└─ driver_license_expiry	string	License expiry date

5- Get Survey record

GET {DOMAIN}/api/v1/survey/get-survey

Returns an object with information about the survey by providing its ID.

Request

Headers

Content-Type: application/json
 Authorization: Bearer {API_KEY}

Body (JSON)

None

Query Parameters

Parameter	Type	Required	Description
survey_id	integer	Yes	Unique survey identifier

Response

Success (200 OK)

```
{
    "id": 7,
    "state": "surveyor",
    "survey_number": "SURV/0004",
    "claim_id": false,
    "policy_risk_id": false,
    "crm_risk_id": 2414,
    "lead_id": 2302,
    "surveyor_name": "بيت الخبره للمعاينات",
    "surveyor_code": "01600000097",
    "survey_type": "Issuance",
    "survey_type_sequence": "S-Type/0001",
    "surveyor_type": "internal",
    "zero_price": 0.0,
    "market_value": 0.0,
    "product_name": "Motor Private Section",
    "product_code": "40020",
    "line_of_business": "سيارات",
    "customer_name": "Hera Mohamed Sayed Mossad Massoud",
    "customer_code": "007000061485",
    "repair_center_name": "",
    "customer_phone": "010014961588",
    "customer_email": "",
    "customer_street": "",
    "state_id": false,
    "state_name": "",
    "survey_location": "",
    "accident_types": [],
    "accidents_count": 0,
    "number_of_kilometers": 10709.0,
    "salvage_amount": 0.0,
    "assign_date": "2025-08-03",
    "due_date": "",
    "survey_date": "2025-05-19 09:46:42",
    "survey_documents": [
        {
            "id": 25,
            "document": "Survey Report - SURV/0004.pdf"
        }
    ]
}
```

```
"document_code": "Survey-Line/0001",
"document_name": "National ID",
"files": [
    {
        "content": "b'iVBORw0KGgoAAAANSUhEUgAAQoAAAAGQCAYAAAA'",
        "filename": "trendyol.png"
    }
],
"comment": ""

},
{
    "id": 26,
    "document_code": "Survey-Line/0002",
    "document_name": "Car License",
    "files": [],
    "comment": ""

},
{
    "id": 27,
    "document_code": "Survey-Line/0003",
    "document_name": "Driver License",
    "files": [],
    "comment": ""

},
{
    "id": 28,
    "document_code": "Survey-Line/0004",
    "document_name": "Survey Documents",
    "files": [],
    "comment": ""

},
],
"risk_info": {
    "vehicle_possession": "John Doe",
    "vehicle_plate_number": "329 ح ٣٥",
    "vehicle_make": "MAKER/0044",
    "vehicle_model": "CAR MODEL/0081",
    "vehicle_category": "CAR CATEGORY/0113",
    "vehicle_color": "CAR COLOR/0001",
    "vehicle_seats": 0,
    "vehicle_manufacture_year": "2024",
    "vehicle_body_type": "BODY TYPE/0001",
    "vehicle_usage": "USAGE/0001",
    "vehicle_cc": "lov.lines(3909,)",
    "vehicle_state": "used",
    "vehicle_chassis_number": "NMTBB9BEXRR134183",
    "vehicle_motor_number": "6D94664",
    "vehicle_fuel_type": "FUEL TYPE/0001",
    "vehicle_has_radio": true,
    "vehicle_has_conditioning": true,
    "vehicle_has_roadside": true,
    "euro_assist_program": "ROAD SIDE PROGRAM/0001",
```

```

    "driver_name": "",
    "driver_date_of_birth": "",
    "driver_license_number": "",
    "driver_license_issue_date": "",
    "driver_license_expiry": ""

},
"car_condition": "Lorem ipsum dolor sit amet consectetur, adipiscing elit scelerisque tellus, est tortor platea maecenas. Nec diam neque per primis netus viverra placerat metus",
"repair_center": false,
"recommendation": "Lorem ipsum dolor sit amet consectetur, adipiscing elit scelerisque tellus, est tortor platea maecenas. Nec diam neque per primis netus viverra placerat metus",
"conclusion": "Lorem ipsum dolor sit amet consectetur, adipiscing elit scelerisque tellus, est tortor platea maecenas. Nec diam neque per primis netus viverra placerat metus"
}

```

Field Descriptions

Field	Type	Description
Root Object		
<code>id</code>	integer	Unique survey identifier
<code>state</code>	string	Current survey state ("surveyor")
<code>survey_number</code>	string	Unique survey reference number
<code>claim_id</code>	integer	Associated claim ID (false if none)
<code>policy_risk_id</code>	integer	Associated policy risk ID (false if none)
<code>crm_risk_id</code>	integer	Related CRM risk identifier
<code>lead_id</code>	integer	Related lead identifier
<code>surveyor_name</code>	string	Name of surveyor/assessment company
<code>surveyor_code</code>	string	Unique surveyor identification code

<code>survey_type</code>	string	Type of survey ("Issuance")
<code>survey_type_sequence</code>	string	Survey type sequence code
<code>surveyor_type</code>	string	Type of surveyor ("internal")
<code>zero_price</code>	float	Base price value (typically 0.0)
<code>market_value</code>	float	Assessed market value of vehicle
<code>product_name</code>	string	Insurance product name
<code>product_code</code>	string	Product identification code
<code>line_of_business</code>	string	Business line/category
<code>customer_name</code>	string	Full name of policyholder
<code>customer_code</code>	string	Customer identification code
<code>repair_center_name</code>	string	Recommended repair center
<code>customer_phone</code>	string	Customer contact phone number
<code>customer_email</code>	string	Customer email address
<code>customer_street</code>	string	Customer street address
<code>state_id</code>	integer	State/province identifier
<code>state_name</code>	string	Name of state/province
<code>survey_location</code>	string	Location where survey was conducted
<code>accident_types[]</code>	array	Types of accidents involved
<code>accidents_count</code>	integer	Number of accidents recorded
<code>number_of_kilometers</code>	float	Vehicle odometer reading
<code>salvage_amount</code>	float	Assessed salvage value

		amount
assign_date	date	Date when survey was assigned
due_date	date	Survey due date
survey_date	datetime	When survey was conducted
survey_documents[]	array[object]	Array of survey documents
— risk_info	object	Vehicle information details
— car_condition	string	Description of vehicle condition
— repair_center	boolean	Repair center recommendation
— recommendation	string	Surveyor's recommendations
— conclusion	string	Final survey conclusions
survey_documents[]		Survey Documents
— id	integer	Unique document identifier
— document_code	string	Document reference code
— document_name	string	Type of document
— files[]	array[object]	Attached document files
— comment	string	Additional document notes
files[]		File Details
— content	string	Base64 encoded file content
— filename	string	Name of uploaded file
risk_info		Vehicle Information
— vehicle_possession	string	Name of vehicle possessor
— vehicle_plate_number	string	Vehicle license plate

		number
└─ vehicle_make	string	Manufacturer code
└─ vehicle_model	string	Model code
└─ vehicle_category	string	Vehicle category code
└─ vehicle_color	string	Color code
└─ vehicle_seats	integer	Number of seats
└─ vehicle_manufacture_year	string	Year of manufacture
└─ vehicle_body_type	string	Body type code
└─ vehicle_usage	string	Usage type code
└─ vehicle_cc	string	Engine displacement description
└─ vehicle_state	string	Condition of vehicle
└─ vehicle_chassis_number	string	Chassis/VIN number
└─ vehicle_motor_number	string	Engine serial number
└─ vehicle_fuel_type	string	Fuel type code
└─ vehicle_has_radio	boolean	Has radio installed
└─ vehicle_has_conditioning	boolean	Has air conditioning
└─ vehicle_has_roadside	boolean	Has roadside assistance
└─ euro_assist_program	string	Roadside assistance program code
└─ driver_name	string	Primary driver name
└─ driver_date_of_birth	string	Driver birth date
└─ driver_license_number	string	Driver license number
└─ driver_license_issue_date	string	License issue date
└─ driver_license_expiry	string	License expiry date

6- Submit Survey

POST {{DOMAIN}}/api/v1/survey/submit

Submit the survey record by adding all necessary documents, updated risk info, conclusion and report.

Request

Headers

Content-Type: application/json

Authorization: Bearer {API_KEY}

Body (JSON)

```
{
  "params": {
    "survey_id": 10,
    "recommendation": "Repair needed",
    "car_condition": "Damaged front",
    "conclusion": "Moderate damage",
    "market_value": 15000,
    "number_of_kilometers": 120000,
    "zero_price": 14000,
    "survey_exclusions": [
      {
        "exclusion_name": "زجاج أمامي",
        "exclusion_type_codes": ["EXCLUSION TYPE/0001", "EXCLUSION
TYPE/0002"]
      }
    ],
  }
}
```

```

"survey_documents": [
    {
        "document_name": "National ID",
        "document_code": "Survey Documents",
        "files": [
            {
                "content": "JVBERi0xLjQKJaqr",
                "filename": "test_conclusionfile.pdf"
            }
        ]
    }
]
}

```

Field Descriptions

Field	Type	Required	Description
Request Body			Survey submission data
params	object	Yes	Contains all survey submission parameters
└── survey_id	integer	Yes	ID of the survey being submitted
└── recommendation	string	Yes	Surveyor's professional recommendation (e.g., "Repair needed")
└── car_condition	string	Yes	Detailed description of vehicle condition (e.g., "Damaged front")
└── conclusion	string	Yes	Final assessment conclusion (e.g., "Moderate damage")
└── market_value	integer	Yes	Estimated market value of vehicle in

			local currency
└── <code>number_of_kilometers</code>	integer	Yes	Current odometer reading in kilometers
└── <code>zero_price</code>	integer	Yes	Base price valuation in local currency
└── <code>survey_exclusions[]</code>	array[object]	Yes	List of coverage exclusions to apply
└── <code>survey_documents[]</code>	array[object]	Yes	List of supporting documents to attach
<code>survey_exclusions[]</code>			Coverage Exclusions
└── <code>exclusion_name</code>	string	Yes	Name of exclusion (e.g., "Front windshield")
└── <code>exclusion_type_codes[]</code>	array[string]	Yes	List of exclusion type codes (e.g., ["GLASS_CRACK", "GLASS_CHIP"])
<code>survey_documents[]</code>			Supporting Documents
└── <code>document_name</code>	string	Yes	Type of document (e.g., "National ID")
└── <code>document_code</code>	string	Yes	Document classification code
└── <code>files[]</code>	array[object]	Yes	Attached document files
<code>files[]</code>			File Attachments
└── <code>content</code>	string	Yes	Base64 encoded file content
└── <code>filename</code>	string	Yes	Original filename with extension

Response

Success (200 OK)

```
{  
    "jsonrpc": "2.0",  
    "id": null,  
    "result": {  
        "success": true,  
        "survey_number": "SURV/0007"  
    }  
}
```

Field Descriptions

Field	Type	Description
success	boolean	Survey Submission status
survey_number	boolean	Survey record identification number

7- Issuance Survey Types

GET {{DOMAIN}}/api/v1/lov/issuance-survey-types

Returns the list of values of all available issuance survey types in the insurance system

Request

Headers

Content-Type: application/json
Authorization: Bearer {API_KEY}

Body (JSON)

```
[REDACTED]
```

Response

Success (200 OK)

```
{  
    "survey_types": [  
        {  
            "id": 4014,  
            "item": "Issuance",  
            "sequence_number": "S-Type/0001"  
        },  
        {  
            "id": 4015,  
            "item": "Insurance Amount Increase",  
            "sequence_number": "S-Type/0002"  
        },  
    ]  
}
```

Field Descriptions

Field	Type	Description
survey_types	array	A list of survey types available in the system.
└─ id	integer	The unique identifier of the survey type.
└─ item	string	The name of the survey type (e.g., Issuance, Insurance Amount Increase).
└─ sequence_number	string	The reference code for the survey type (e.g., S-Type/0001). This value can be used when referencing survey types in other API requests.