



MIMO API SPECIFICATIONS

VERSION 1.5
RELEASE DATE 18/April/2022

Prepared by
MIMO TECHNICAL TEAM

PUSH TASK API

The PUSH TASK API allows third party or service provider systems to push task information to MIMO platform.

API URL

[https://\[domain-sub-domain\]:\[port\]/MIMOTaskHandler/mimo-api/push-task/](https://[domain-sub-domain]:[port]/MIMOTaskHandler/mimo-api/push-task/)

User has to send a POST request with content type application/x-www-form-urlencoded using the above URL and below parameters

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA	Mandatory
merchantId	Unique ID for requests		9238742893	Yes
merchantKey	Unique key for requests		W9@88ID90	Yes
serviceProvider	Service provider key for all requests by provider		spName	Yes
service	Service key for the service under the provider		spName_office_verification	Yes
refNo	Reference number for task	Unique	A89823899	Yes
customerName	Name of customer		Ajay Singh	Yes
customerRef	Reference number for customer		AB848938	Yes
customerMobile	Mobile number of customer	10 digits	8899883788	Yes
customerAddress	Address of the customer for collection		A12, Sector 18, Noida, UP	Yes
pincode	Pincode of the customer	6 digits	201301	Yes
startDate	Start date of the task	dd/MM/yyyy	23/06/2018	Yes

	when the agent has to begin working			
collectByDate	Expiry Date of the task after which the agent cannot complete the task	dd/MM/yyyy	26/06/2018	Yes
amount	Task amount (if amount has to be collected, can be zero as well)		200.10	Yes (Can be zero)
instructions	Instructions for the agent		Do not ring doorbell	No
latitude	Latitude of the collection location		28.5672	No
longitude	Longitude of the collection location		77.387107	No

Note:

Response Parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
status	Status of the request		Success/error
message	Status message		Task created
code	Response code		200

SAMPLE REQUEST/RESPONSE

Request Parameters

```

merchantId:MID0013
merchantKey:BOM4F681226TGY5F
serviceProvider:spname
service:office_verification
refNo:A89823899
customerName:Ajay Singh
customerRef:AB848938
customerMobile:8899883788

```

```
customerAddress:A12, Sector 18, Noida, UP
pincode:201301
startDate:23/06/2018
collectByDate:26/06/2018
amount:200.10
instructions:Do not ring doorbell
latitude: 28.5672
longitude: 77.387107
```

Response Parameters

```
{
  "responseMessage": "Task has been created Successfully.",
  "responseStatus": "Success",
  "responseCode": "200"
}
```

TASK STATUS API

The TASK STATUS API allows third party or service provider systems to check the status of a task.

API URL

[https://\[domain-sub-domain\]:\[port\]/MIMOTaskHandler/mimo-api/task-status/](https://[domain-sub-domain]:[port]/MIMOTaskHandler/mimo-api/task-status/)

User has to send a POST request with content type application/x-www-form-urlencoded using the above URL and below parameters

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA	Mandatory
merchantId	Unique ID for requests			Yes
merchantKey	Unique key for requests			Yes
serviceProvider	Service provider key for all requests by provider		spName	Yes
service	Service key for the service under the provider		spName_office_verification	Yes
refNo	Reference number for	Same as the one provided	A89823899	Yes

	task	during task push		
--	------	------------------	--	--

Response Parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
status	Status of the request		Success/error
message	Status message		Task found
code	Response code		200
taskStatus	Status of the task		Collected
taskStatusCode	Status code of the task		10
taskStage	Stage of the task		Completed
taskStageCode	Stage code of the task		C
latitude	Latitude of the last task update location		28.5672
longitude	Longitude of the last task update location		77.387107
isDataVerified	Whether the submitted data is verified or not		No
updatedOn	Last update date and time	dd/MM/yyyy hh:mm	12/06/2018 13:10

Status Codes

STATUS CODE	STATUS
19	ASSIGNED
20	UNASSIGNED
35	TASK EXPIRED
17	SHALL PAY LATER
16	INVALID ADDRESS
15	PREMISES LOCKED
14	PERSON UNAVAILABLE
10	COLLECTED
9	TAKEN UP
18	REFUSE
40	CANCELLED

Stage Codes

STAGE CODE	STAGE
------------	-------

N	Not yet visited
O	On the way
A	At the site
C	Completed
U	In progress

SAMPLE REQUEST/RESPONSE

Request Parameters

```
merchantId:MID0013
merchantKey:BOM4F681226TGY5F
serviceProvider:spname
service:office_verification
refNo:A89823899
```

Response Parameters

```
{
  "taskStageCode": "C",
  "taskStage": "Completed",
  "updatedOn": "12/06/2018 13:10",
  "responseMessage": "Task Found.",
  "responseStatus": "Success",
  "taskStatus": "Collected",
  "taskStatusCode": "10",
  "responseCode": "200",
  "latitude": "28.5672",
  "longitude": "77.387107",
  "isDataVerified": "No"
}
```

TASK DATA API

The TASK DATA API allows third party or service provider systems to get the data of a task.

API URL

[https://\[domain-sub-domain\]:\[port\]/MIMOTaskHandler/mimo-api/task-data/](https://[domain-sub-domain]:[port]/MIMOTaskHandler/mimo-api/task-data/)

User has to send a POST request with content type application/x-www-form-urlencoded using the above URL and below parameters

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA	Mandatory
merchantId	Unique ID for			Yes

	requests			
merchantKey	Unique key for requests			Yes
serviceProvider	Service provider key for all requests by provider		spName	Yes
service	Service key for the service under the provider		spName_office_verification	Yes
refNo	Reference number for task	Same as the one provided during task push	A89823899	Yes

Response Parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
status	Status of the request		Success/error
message	Status message		Task found
code	Response code		200
taskStatus	Status of the task		Collected
taskStatusCode	Status code of the task		10
taskStage	Stage of the task		Completed
taskStageCode	Stage code of the task		C
latitude	Latitude of the last task update location		28.5672
longitude	Longitude of the last task update location		77.387107
isDataVerified	Whether the submitted data is verified or not		No
updatedOn	Last update date and time	dd/MM/yyyy hh:mm	12/06/2018 13:10
collectedDate	Date of collection	dd/mm/yyyy	12/06/2018
customerName	Name of customer		Ajay Singh
customerRef	Reference number for customer		AB848938
customerMobile	Mobile number of customer	10 digits	8899883788
customerAddress	Address of the customer for collection		A12, Sector 18, Noida, UP

pincode	Pincode of the customer	6 digits	201301
startDate	Start date of the task when the agent has to begin working	dd/MM/yyyy	23/06/2018
collectByDate	Expiry Date of the task after which the agent cannot complete the task	dd/MM/yyyy	26/06/2018
amount	Task amount (if amount has to be collected, can be zero as well)		200.10
instructions	Instructions for the agent		Do not ring doorbell
agentNotes	Notes written by agent at the time of collection		I rang the doorbell by mistake
formData	Data of the form submitted during task completion	Json format	Please find sample below

Note: When response code 201 is received in the Data API. The service does not return the data submitted by the agent as it is pending for verification. The submitted data will be received when response code is 202.

SAMPLE REQUEST/RESPONSE

Request Parameters

```
merchantId:MID0013
merchantKey:BOM4F681886TGY5F
serviceProvider:sp
service:sp_office_verification
refNo:A89823899
```

Response Parameters

```
{
  "customerAddress": "A12, Sector 18, Noida, UP",
  "pincode": "201301",
  "instructions": "Do not ring doorbell",
  "taskStageCode": "C",
  "amount": "200.10",
  "taskStage": "Completed",
  "updatedOn": "12/06/2018 13:10",
  "responseStatus": "Success",
  "customerName": "Ajay Singh",
  "agentNotes": "I rang the doorbell by mistake",
  "responseCode": "200",
  "customerRef": "AB848938",
  "collectByDate": "26/06/2018",
  "latitude": "28.5672",
  "longitude": "77.387107",
```



```

"isDataVerified": "No",
"formData": {
  "headerData": [
    {
      "header": "LAN of the customer",
      "key": "input_newdivtextAlpha2"
    },
    {
      "header": "Type of customer constitution",
      "key": "spinner_newdivselect4"
    },
    {
      "header": "Individual information of the applicant",
      "key": "label_newdivlabelLabel5"
    },
    {
      "header": "Applicant Name",
      "key": "label_newdivlabelLabel6"
    },
    {
      "header": "Does the applicant name match with the name provided?",
      "key": "radiogroup_newdivradio8"
    },
    {
      "header": "If no please enter the applicant name",
      "key": "input_newdivtextAlpha9"
    },
    {
      "header": "Does the PAN number match with the PAN number provided?",
      "key": "radiogroup_newdivradio11"
    },
    {
      "header": "Pan Card Number",
      "key": "input_newdivtextAlpha13"
    },
    {
      "header": "Other ID proof shown",
      "key": "label_newdivlabelLabel14"
    },
    {
      "header": "Name of document shown",
      "key": "spinner_newdivselect18"
    },
    {
      "header": "Document number on the document shown",
      "key": "input_newdivtextAlpha19"
    },
    {
      "header": "Applicant's Current Residential Address",
      "key": "label_newdivlabelLabel20"
    },
    {
      "header": "Documents",
      "key": "multipleupload_newdivlabelLabel23"
    }
  ],
  "code": "success",
  "message": "forms data fetched",
  "forms": [
    {
      "fdoId": "3143",
      "formData": [
        {
          "serviceFormId": 54,
          "csvData": [
            {
              "data": [
                {
                  "label": "LAN of the customer",
                  "value": "BTAK1768338",
                  "key": "input_newdivtextAlpha2"
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}

```

```

    },
    {
      "label": "Type of customer constitution",
      "value": "Salaried",
      "key": "spinner_newdivselect4"
    },
    },
    {
      "label": "Individual information of the
applicant",
      "value": "",
      "key": "label_newdivlabelLabel5"
    },
    },
    {
      "label": "Applicant Name",
      "value": "",
      "key": "label_newdivlabelLabel6"
    },
    },
    {
      "label": "Does the applicant name match with the
name provided?",
      "value": "Yes",
      "key": "radiogroup_newdivradio8"
    },
    },
    {
      "label": "If no please enter the applicant name",
      "value": "Rahul Agrawal",
      "key": "input_newdivtextAlpha9"
    },
    },
    {
      "label": "Does the PAN number match with the PAN
number provided?",
      "value": "Yes",
      "key": "radiogroup_newdivradio11"
    },
    },
    {
      "label": "Pan Card Number",
      "value": "BANPA7373",
      "key": "input_newdivtextAlpha13"
    },
    },
    {
      "label": "Other ID proof shown",
      "value": "",
      "key": "label_newdivlabelLabel14"
    },
    },
    {
      "label": "Name of document shown",
      "value": "Aadhar",
      "key": "spinner_newdivselect18"
    },
    },
    {
      "label": "Document number on the document shown",
      "value": "737373893638839",
      "key": "input_newdivtextAlpha19"
    },
    },
    {
      "label": "Applicant's Current Residential
Address",
      "value": "",
      "key": "label_newdivlabelLabel20"
    },
    },
    {
      "label": "Documents",
      "value":
"https://demo.mimotech.in:7443/md/images/1647_06244019152229.jpg,
https://demo.mimotech.in:7443/md/images/1647_06255019152229.jpg",
      "key": "multipleupload_newdivlabelLabel23"
    }
  ],
  "formTxnId": 9001531,
  "submissionDate": "2018-06-29 15:10:52"
}

```

```

    ],
    "serviceFormName": "Sp Salaried FI",
    "serviceProviderName": "Sp Name"
  }
],
"message": "form data fetched",
"responseCode": "200"
}
]
},
"collectedDate": "12/06/2018",
"responseMessage": "Task Found.",
"customerMobile": "8899883788",
"taskStatus": "Collected",
"startDate": "23/06/2018",
"taskStatusCode": "10"
}

```

TASK NOTIFICATION API

The TASK NOTIFICATION API allows third party or service provider systems to receive updates for tasks they have pushed to MIMO.

API URL

The URL will be provided by third party system and MIMO will send a post request with the parameters mentioned below.

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
serviceProvider	Service provider key for all requests by provider		spName
service	Service key for the service under the provider		spName_office_verification
refNo	Reference number for task	Same as the one provided during task push	A89823899
taskStatus	Status of the task		Collected
taskStatusCode	Status code of the task		10
latitude	Latitude of the collection location		28.5672
longitude	Longitude of the collection location		77.387107
isDataVerified	Whether the submitted data is		No

	verified or not		
updatedOn	Last update date and time	dd/MM/yyyy hh:mm	12/06/2018 13:10

TASK CANCEL API

The TASK CANCEL API allows third party or service provider systems to cancel a task that has not been assigned yet.

API URL

[https://\[domain-sub-domain\]:\[port\]/MIMOTaskHandler/mimo-api/cancel-task/](https://[domain-sub-domain]:[port]/MIMOTaskHandler/mimo-api/cancel-task/)

User has to send a POST request with content type application/x-www-form-urlencoded using the above URL and below parameters

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA	Mandatory
merchantId	Unique ID for requests			Yes
merchantKey	Unique key for requests			Yes
serviceProvider	Service provider key for all requests by provider		spName	Yes
service	Service key for the service under the provider		spName_office_verification	Yes
refNo	Reference number for task	Same as the one provided during task push	A89823899	Yes
reason	Predefined reason for cancelling the task	CANCELLED_BY_SP	CANCELLED_BY_SP	Yes

Response Parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
responseStatus	Status of the request		Success/error

responseMsg	Status message		Task has been cancelled successfully
responseCode	Response code		200

SAMPLE REQUEST/RESPONSE

Request Parameters

```
merchantId:MID0013
merchantKey:BOM4F681226TGY5F
serviceProvider:spname
service:office_verification
refNo:A89823899
reason: CANCELLED_BY_SP
```

Response Parameters

```
{
  "responseStatus": "Success",
  "responseCode": "200",
  "responseMsg": "Task has been cancelled successfully"
}
```

TASK RESCHEDULE API

The TASK RESCHEDULE API allows third party or service provider systems to reschedule a task that has not been assigned yet.

API URL

[https://\[domain-sub-domain\]:\[port\]/MIMOTaskHandler/mimo-api/reschedule-task/](https://[domain-sub-domain]:[port]/MIMOTaskHandler/mimo-api/reschedule-task/)

User has to send a POST request with content type application/x-www-form-urlencoded using the above URL and below parameters

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA	Mandatory
merchantId	Unique ID for requests			Yes
merchantKey	Unique key for requests			Yes
serviceProvider	Service provider key for all requests by provider		spName	Yes

service	Service key for the service under the provider		spName_office_verification	Yes
refNo	Reference number for task	Same as the one provided during task push	A89823899	Yes
fromDate	New start date of the task	dd/MM/yyyy	18/03/2022	Yes
toDate	New expiry date of the task	dd/MM/yyyy	19/03/2022	Yes

Response Parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
responseStatus	Status of the request		Success/error
responseMsg	Status message		Task has been rescheduled successfully
responseCode	Response code		200

SAMPLE REQUEST/RESPONSE

Request Parameters

```

merchantId:MID0013
merchantKey:BOM4F681226TGY5F
serviceProvider:spname
service:office_verification
refNo:A89823899
fromDate:18/04/2022
toDate:19/04/2022

```

Response Parameters

```

{
"responseStatus": "Success",
"responseCode": "200",
"responseMsg": "Task has been rescheduled successfully"
}

```

COVERAGE LIST API

The COVERAGE LIST API allows third party or service provider systems to fetch the list of covered pincode details in the MIMO system.

API URL

[https://\[domain-sub-domain\]:\[port\]/MIMOTaskHandler/mimo-api/coverage-list/](https://[domain-sub-domain]:[port]/MIMOTaskHandler/mimo-api/coverage-list/)

User has to send a POST request with content type application/x-www-form-urlencoded using the above URL and below parameters

Request parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA	Mandatory
merchantId	Unique ID for requests			Yes
merchantKey	Unique key for requests			Yes
serviceProvider	Service provider key for all requests by provider		spName	Yes

Response Parameters

PARAMETER NAME	DESCRIPTION	CONSTRAINT (IF ANY)	SAMPLE DATA
responseStatus	Status of the request		Success/error
responseMsg	Status message		Data successfully fetched
responseCode	Response code		200
coveragePincodeList	List of covered pincodes		

SAMPLE REQUEST/RESPONSE

Request Parameters

merchantId:MID0013

```
merchantKey:BOM4F681226TGY5F
serviceProvider:spname
```

Response Parameters

```
{
  "coveragePincodeList": [
    {
      "cityName": "New Delhi",
      "stateName": "Delhi",
      "pinCode": "110036"
    },
    {
      "cityName": "Ghaziabad",
      "stateName": "Uttar Pradesh",
      "pinCode": "201001"
    }
  ],
  "responseStatus": "Success",
  "responseCode": "200",
  "responseMsg": " Data successfully fetched"
}
```

RESPONSE CODES

Code	DESCRIPTION
200	Task has been created Successfully.
201	Task Found, Pending for verification.
202	Task Found.
500	Invalid requested Data
502	Invalid Service Provider
503	Invalid Service
504	Task Reference Number is already exists
505	Task not Found
506	Invalid Pincode
507	Invalid Merchant Id or Merchant Key
512	Invalid Reason
513	Tasks can only be cancelled if their status is UNASSIGNED

515	Invalid fromDate
516	fromDate can not be before today's date
517	Invalid toDate
518	fromDate can not be more than x month(s) from today's date
519	toDate can not be less than x day(s) from fromDate
520	toDate can not be more than x day(s) from fromDate
521	Tasks can only be rescheduled if their status is UNASSIGNED