SOFTY COMP
Integrated Payment Solutions

SOFTY COMP API

IMPLEMENTATION GUIDE

SOFTY COMP
Integrated Payment Solutions

REVISION HISTORY

Date	Version	Summary of Changes	Prepared by/ Changed By
2022-05-24	3.5	• Added description field to the Transaction List By Transaction Date Range	Kevin Coetzee
2022-05-31	3.6	• Added description field to the Transaction List By Transaction Date • Added description field to the Transaction List By CollectionID	Kevin Coetzee
2022-10-04	3.7	• Additional DebiCheck endpoints • Additional DebiCheck table definitions • DebiCheck Callback service requirements • Added CallbackURL property to the DebiCheck mandate request parameters	Hennie Kleynhans
2022-10-07	3.8	• Added Country field to the clients • Added Education level field to the clients • Added Gender field to the clients • Added Occupation field to the clients • Added provinceID to the clients • Added Residence Type field to the clients • Added Sector field to the clients • Updated InsertUpdateClient endpoint with new client fields • Added validation on new client fields	Louis van Rensburg
2022-10-10	3.8.1	• Updated DebiCheck Tracking Indicator data type to N (Number) • Removed Authentication Type property from DebiCheck collection request DTO	Hennie Kleynhans
2022-10-24	3.9	• Updated download mandate to include extension in the file name in the response	Louis van Rensburg
2022-11-09	3.10	• Updated InsertUpdateClient endpoint with new client field	Kevin Coetzee
2022-11-10	3.11	• Added ListCountries endpoint • Added ListEducationLevels endpoint • Added ListGenders endpoint • Added ListOccupations endpoint • Added ListResidenceTypes endpoint • Added ListSectors endpoint • Added ListProvinces endpoint	Louis van Rensburg
2022-11-28	3.12	• Added Download Mandate V2 request	Kevin Coetzee

2023-01-24	3.13	• Added Insert Collection Mandate request	Kevin Coetzee
2023-03-20	4.0	• Added Update Client Status • Added Update Collection Status	Louis van Rensburg
2023-06-14	4.1	• Added forceHideLogoutButton property to Mobi-Mandate payload	Louis van Rensburg
2023-10-31	4.2	• Added Employer fields to insert and update client.	Louis van Rensburg

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INTRODUCTION

The Softy Comp API (SAPI) is one of the integrated channel solutions. It uses a secure, automated, two-way data transfer service that renders products and services to entities outside Softy Comp through a digital channel.

The channel will allow clients to interface their in-house systems directly and securely with that of Softy Comp.

The SAPI channel will offer the following services:

- Debit order collections
- EFT
- NAEDO

This document will focus on the integrations and method implementation to the different services available. It also covers the message and request structures for different services and provides sample codes. It will provide the links to the service contract definitions that users must adopt in order to cater for the services provided by SAPI.

SAPI is a Restful JSON services that run over HTTPS.

API METHODS

LATEST API DOCUMENTATION

To get the latest API document please paste the following in your browser to download it:

https://scoretest.softycomp.co.za/SoftyCompBureauAPI/api/sapidocuments/getlatestsapidocument

API FIELDS AND RULES

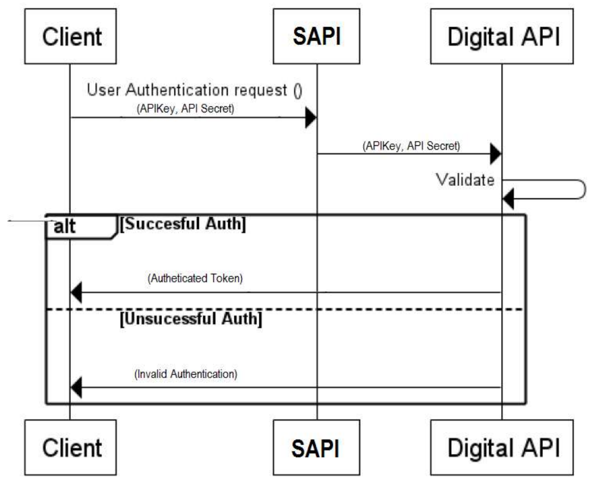
In this section the industry level data fields and rules around it will be provided for reference purposes. The following abbreviations are used.

FIELDS

Field Type	Required Types
S = String	M = Mandatory
N = Number	O = Optional
B = Boolean	C = Conditional
I = Integer	
DTO = Data Transfer Object (Array)	
DT = Date	

AUTENTICATION OPERATIONS

AUTHENTICATION USER SEQUENCE DIAGRAM



AUTHENTICATION USER REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
APIKey	S	M	50	The apiKey provided during on boarding.
APISecret	S	M	50	The apiSecret provided during on boarding.

SAMPLE CODE FOR AUTHETICATION REQUEST

URL	**Provided URL**/api/auth/generatetoken
Method	POST
Header	Content-Type: application/json

Request	{
	 "apiKey": "Provided_APIKey",
	 "apiSecret": "Provided_APISecret"
	 }

AUTHENTICATION RESPONSE FIELDS

Field Name	Type	Length	Description
Token	S	MAX	The JWT **Bearer** token string that needs to be sent with each request in the header.
Expiration	DT	-	The **UTC** date time that the token expires.

AUTHEDICATION RESPONSE SAMPLE

Sample for the Authenticate User Response


```
{
   "token":
"eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJDb21wYW55SUQiOiIxIiwiQWxsb3dXb3Jrc3BhY2UiOiJUc
nVlIiwiQXV0b0dlbmVyYXRlQ29udHJhY3RDb2RlIjoiRmFsc2UiLCJNYW5kYXRlTWFuZGF0b3J5IjoiRmFsc
2UiLCJDZWxscGhvbmVOdW1iZXJNYW5kYXRvcnkiOiJGYWxzZSIsIkFsbG93U21zIjoiVHJ1ZSIsIkFsbG93Q
XZzIjoiVHJ1ZSIsIkF2c1JlYWxUaW1lQ2hhbm5lbE9ubHkiOiJGYWxzZSIsIkFsbG93QXZzTGl2ZUZ1bmN0a
W9uYWxpdHkiOiJUcnVlIiwiSUROdW1iZXJNYW5kYXRvcnkiOiJGYWxzZSIsIkR1cGxpY2F0ZUFjY291bnRC
bG9ja1VzZXJJEYXRhYmFzZU9ubHkiOiJGYWxzZSIsIkR1cGxpY2F0ZUFjY291bnRCbG9ja0Fjcm9zc0RhdGFi
YXNlIjoiRmFsc2UiLCJEdXBsaWNhdGVBY2NvdW50QmxvY2tBY3RpdmVPbmx5IjoiRmFsc2UiLCJCbG9ja
0Jsb2NrZWRBY2NvdW50c0ludGVybmFsIjoiRmFsc2UiLCJCbG9ja0Jsb2NrZWRBY2NvdW50c0V4dGVyb
mFsIjoiRmFsc2UiLCJNYXhEZWJpdEFtb3VudCI6IjEwMDAwLDAwIiwiQWxsb3dOYWVkb0NvbGxlY3Rpb
25zIjoiVHJ1ZSIsIkFsbG93RWZ0Q29sbGVjdGlvbnMiOiJUcnVlIiwiQXZzV0NGQ2FsbERlbGF5IjoiMCIsIkF2
c1RyYW5zYWN0aW9uc0xpbWl0Tm90aWZpY2F0aW9uIjoiRmFsc2UiLCJleHAiOjE1MTk4ODI5NjAsImlz
cyI6IlNvZnR5Q29tcCIsImF1ZCI6IlNvZnR5Q29tcCJ9.l8d6FKKLwVGeGzX2d-URLh6hz5xSGCyCsE-
xjTzzfYwjHFz4pysCb3wA4EzMCZc7b-VQ9_jYtRlgcXR9ysr27Q",
   "expiration": "2018-03-01T05:42:40Z"
}
```

CLIENT OPERATIONS

GET CLIENT LIST

This method allows the user to list all clients on their profile.

CLIENT FIELDS

Field Name	Type	Length	Description
Client	DTO	-	Client Data Transfer Object
ClientID	N	-	The system ID for the client. Will be used on other requests
ClientTypeID	N	-	ID of the client type. Company or Individual.
ContractCode	S	8	If the user profile is set up as not contract code auto generated then this field has to be filled in.
Initials	S	3	The initials of the clients if the client is not a company.
Surname	S	120	The client surname or the company name.
IDNumber	S	30	If the client is not a company and the ID number is mandatory then the fields needs to be filled in. If no the field can be left empty.
Registration Number		30	If the client is a company and the registration number is mandatory then the fields needs to be filled in. If no the field can be left empty.
ClientStatusTypeId	N	-	Indicates the status of the client.
HomeTelephoneNumber	S	10	The home telephone number.
WorkTelephoneNumber	S	10	The work place telephone number.
CellphoneNumber	S	10	If the cell phone number is not mandatory this field can be left empty. If the field is filled in the format is as follows: 0722733216
EmailAddress	S	90	The clients email address.
SendSmsDoNotifications	B	-	Allow SMS debit order notifications for this client.
SendSmsUnpaidNotifications	B	-	Allow SMS unpaid notifications for this client.
AddressTypeID	N	-	The Address type of the client. Default to 1(street).
Address	S	100	Address details of the client.
AddressSuburb	S	250	The suburb of the address.
AddressTown	S	250	The town of the address.
Province	S	100	The province of the address.
PostalCode	S	6	The postal code of the address.
InceptionDate	DT	-	This is an optional field for your own use, and can contain the date the contract started, or client added.
Vatno	S	50	The vat number.
IsSouthAfricanCitizen	B	-	True/False if the client is a South African Citizen.
AllowInvoicing	B	-	- Allows Invoices to be sent to the client. This field will default to false if the applicable company settings are false. - If not specified it will have a default value of false
AdditionalInfo	S	MAX	
CountryID	N	-	- The country the client is currently residing in. - Will default to 1 (not Specified) if the country is not specified or is client type of a company.

			- Optional
EducationLevelID	N	-	- The level of education that the client has reached. - Will default to 1 (Not Specified) if the country is not specified or is client type of a company. - Optional
GenderID	N	-	- ID of the type of gender of the client. - Will default to 1 (Not Specified) if the country is not specified or is client type of a company. - Optional
OccupationID	N	-	- ID of the current occupation(job) that the client. - Will default to 1 (Not Specified) if the country is not specified or is client type of a company. - Optional
ResidenceTypeID	N	-	- The ID of the type of residence that the client is staying at. - Will default to 1 (Not Specified) if the country is not specified or is client type of a company. - Optional
SectorID	N	-	- The ID of the sector that the client is working with the occupation. - Will default to 1 (Not Specified) if the country is not specified or is client type of a company. - Optional
EmployerName	S	100	- The name of the client's employer (Company or person) - Optional
EmployerAddress	S	100	- Address details of the employer - Optional
EmployerSuburb	S	250	- The suburb of the employer's address - Optional
EmployerTown	S	250	- The town of the employer's address
EmployerPostalCode	S	4	- The postal code of the employer's address - Optional
EmployerProvinceID	N	-	- The ID of the province as listed in the provinces - Optional
EmployerContactNo	S	10	- The contact number of the employer (offices or person) - Optional
EmployerPerselNo	S	50	- The personnel or employee number of the client - Optional

CLIENT LIST FILTERING REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
ClientFilter	DTO	M	-	Specify to filter the client list
EmailAddress	S	O	90	The clients email address.
CellphoneNumber	S	O	10	Client Cellphone Number. If the field is filled in the format is as follows: 0722733216
ContractCode	S	O	8	Client Contract Code

ClientStatusTypeID	N	O	-	Specify to filter the client list

TIP: The Filter request body is required, but if you do not want to apply any filtering then simply leave the fields as empty strings.

REQUEST SAMPLE

URL	*Example:* ***Provided URL****/api/clients/listclients*
Method	GET or POST
Headers	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"emailAddress": "",
	"cellphoneNumber": "" ,
	"contractcode": "",
	“clientStatusTypeID”: “”,
	}

RESPONSE SAMPLE

Sample
[{ "clientId": 1237305, "clientTypeId": 2, "contractCode": "API01", "initials": "MK", "surname": "Rosewall", "idnumber": "9006210009088", "registrationNumber": "", "clientStatusTypeID": 1, "homeTelephoneNumber": "", "workTelephoneNumber": "", "cellphoneNumber": "0748891529", "emailAddress": "anel@softyycomp.co.za", "sendSmsDonotifications": false, "sendSmsUnpaidsNotifications": false, "isSouthAfricanCitizen": true, "addressTypeId": 1,

```
    "address": "1 Test Streets",
    "addressSuburb": "Eldoraigne",
    "addressTown": "Centurion",
    "postalCode": "0157",
    "inceptionDate": "2019-07-02T00:00:00",
    "vatno": "",
    "allowInvoicing": false,
    "province": "Gauteng",
    "additionalInfo": "Testing Client used for API",
    "countryID": 1,
    "educationLevelID": 3,
    "genderID": 2,
    "occupationID": 32,
    "residenceTypeID": 4,
    "sectorID": 4,
    "employerName": null,
   "employerAddress": null,
   "employerSuburb": null,
    "employerTown": null,
    "employerPostalCode": null,
    "employerContactNo": null,
    "employerPerselNo": null,
    "employerProvinceID": null
  },
  {
    "clientId": 1237307,
    "clientTypeId": 2,
    "contractCode": "API02",
    "initials": "MK",
    "surname": "Rosewall",
    "idnumber": "9006210009088",
    "registrationNumber": "",
    "clientStatusTypeId": 1,
    "homeTelephoneNumber": "",
    "workTelephoneNumber": "",
    "cellphoneNumber": "0748891529",
    "emailAddress": "anel@softyycomp.co.za",
    "sendSmsDonotifications": false,
    "sendSmsUnpaidsNotifications": false,
    "isSouthAfricanCitizen": true,
    "addressTypeId": 1,
    "address": "1 Test Street",
    "addressSuburb": "Eldoraigne",
    "addressTown": "Centurion",
    "postalCode": "0157",
    "inceptionDate": "2019-07-02T00:00:00",
    "vatno": "",
    "allowInvoicing": false,
    "province": "Gauteng",
    "additionalInfo": "Testing Client 2 used for API",
    "employerName": "Softy Comp ",
   "employerAddress": "1234 Wiillem Botha Street",
   "employerSuburb": "Eldorainge",
    "employerTown": "Centurion",
```

```
    "employerPostalCode": "0517",
    "employerContactNo": "0126545854",
    "employerPerselNo":"111764",
    "employerProvinceID": 2
  }
]
```


GET CLIENT DETAILS

This method allows the user to get a specific client on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/clients/getclientdetails/{clientID} *Example: **Provided URL**/api/clients/getclientdetails/1237305*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample


```
{
  "clientId": 1237305,
  "clientTypeId": 2,
  "contractCode": "API01",
  "initials": "MK",
  "surname": "Rosewall",
  "idnumber": "9006210009088",
  "registrationNumber": "",
  "clientStatusTypeId": 1,
  "homeTelephoneNumber": "",
  "workTelephoneNumber": "",
  "cellphoneNumber": "0748891529",
  "emailAddress": "anel@softyycomp.co.za",
  "sendSmsDonotifications": false,
  "sendSmsUnpaidsNotifications": false,
  "isSouthAfricanCitizen": true,
  "addressTypeId": 1,
  "address": "1 Test Street",
  "addressSuburb": "Eldoraigne",
  "addressTown": "Centurion",
```

```
    "postalCode": "0157",
    "inceptionDate": "2019-07-02T00:00:00",
    "vatno": "",
    "allowInvoicing": false,
    "province": "Gauteng",
    "additionalInfo": "Testing Client used for API"
    "countryID": 1,
     "educationLevelID": 3,
     "genderID": 2,
     "occupationID": 32,
     "residenceTypeID": 4,
     "sectorID": 4
     "employerName": null,
     "employerAddress": null,
     "employerSuburb": null,
     "employerTown": null,
     "employerPostalCode": null,
     "employerContactNo": null,
     "employerPerselNo": null,
     "employerProvinceID": null
}
```


GET CLIENT HISTORY DETAILS

This method allows the user to get a specific client on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/clients/getclienthistorydetails/{clientID} *Example: **Provided URL**/api/clients/getclienthistorydetails/1237305*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample


```
{
  "clientHistoryID": 260735346,
  "clientID": 1,
  "auditDate": "2018-08-10T14:57:55.06",
  "userID": 1,
  "columnName": "ContractCode",
  "previousValue": "0000001",
  "newValue": "S_S 1"
}
```

INSERT CLIENT

This method allows the user to add a new client on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/clients/createclient
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"clientId": 0,
	"clientTypeId": 1,
	"contractCode": "000033",
	"initials": "",
	"surname": "Company B",
	"idnumber": "",
	"registrationNumber": "1/123/1234",
	"clientStatusTypeId": 1,
	"homeTelephoneNumber": "",
	"workTelephoneNumber": "0123456789",
	"cellphoneNumber": "0123456789",
	"emailAddress": "test@test.co.za",
	"sendSmsDonotifications": false,
	"sendSmsUnpaidsNotifications": false,
	"isSouthAfricanCitizen": true,
	"addressTypeId": 2,
	"address": "123",
	"addressSuburb": "ABC East",
	"addressTown": "Moot",
	"postalCode": "0039",
	"inceptionDate": "2017-05-10T00:00:00",
	"vatno": null,
	"allowInvoicing": false,
	"province": "Not Selected",
	"additionalInfo": null
	"countryID": null,
	"educationLevelID": null,
	"genderID": null,
	"occupationID": null,
	"residenceTypeID": null,
	"sectorID": null,
	"fullNames": null,
	"employerName": null,
	"employerAddress": null,
	"employerSuburb": null,
	"employerTown": null,
	"employerPostalCode": null,
	"employerContactNo": null,
	"employerPerselNo": null,
	"employerProvinceID": null
	}

RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Client ID. If it was a new client being created it will return the new Client ID
Success	B	-	Indicates if the Client was saved or not
Messages	DTO	-	Will show a list of errors if Client did not save successfully. Will be empty if client saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample
```
{
   "value": 1237307,
   "success": true,
   "messages": []
}
```

ERROR RESPONSE

Sample
```
{
   "value": 0,
   "success": false,
   "messages": [
      "The Client Type ID '0' does not exist."
   ]
}
```

UPDATE CLIENT

This method allows the user to update a specific client on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/clients/updateclient
Method	POST
Header	Content-Type: application/json Authorization: Generated Bearer Token
Request	{ "clientId": 1237305, "clientTypeId": 2, "contractCode": "API01",

	"initials": "MK", "surname": "Rosewall", "idnumber": "9006210009088", "registrationNumber": "", "clientStatusTypeId": 1, "homeTelephoneNumber": "", "workTelephoneNumber": "", "cellphoneNumber": "0748891529", "emailAddress": "anel@softyycomp.co.za", "sendSmsDonotifications": false, "sendSmsUnpaidsNotifications": false, "isSouthAfricanCitizen": true, "addressTypeId": 1, "address": "1 Test Streets", "addressSuburb": "Eldoraigne", "addressTown": "Centurion", "postalCode": "0157", "inceptionDate": "2019-07-02T00:00:00", "vatno": "", "allowInvoicing": false, "province": "Gauteng", "additionalInfo": "Testing Client used for API" "countryID": 1, "educationLevelID": 3, "genderID": 2, "occupationID": 32, "residenceTypeID": 4, "sectorID": 4, "fullNames": null, "employerName": null, "employerAddress": null, "employerSuburb": null, "employerTown": null, "employerPostalCode": null, "employerContactNo": null, "employerPerselNo": null, "employerProvinceID": null }

RESPONSE FIELDS

Field Name	Type	Length	Description
value	N	-	This will contain the Client ID. If it was a new client being created it will return the new Client ID
success	B	-	Indicates if the Client was saved or not
messages	DTO	-	Will show a list of errors if Client did not save successfully. Will be empty if client saved successfully.
Request			

RESPONSE SAMPLE

SUCCESSFUL RESPONSE

Sample

{
"value": 1237305,
"success": true,
"messages": []
}

ERROR RESPONSE

Sample

{
"value": 1237305,
"success": false,
"messages": [
"The Client Type ID '0' does not exist."
]
}

UPDATE CLIENT STATUS

This method allows the user to update only the status of a specific client on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/clients/updateClientStatus
Method	POST
Header	Content-Type: application/json Authorization: Generated Bearer Token

Request	{
	"clientID": 586275,
	"clientStatusTypeID": 2
	}

SUCCESSFUL RESPONSE

Sample

{
"value": 586275,
"success": true,
"messages": [
"Success"
]
}

ERROR RESPONSE

Sample

{
"value": 586275,
"success": false,
"messages": [
"The specified clientStatusTypeID: '8' is invalid."
]
}

GET CLIENT FIELD LIST

Endpoints to retrieve lists relevant to properties to the client. Each list returns their respective table ID and the description (see the section “Table Types and Definitions” below for table information.

GET COUNTRIES

URL	**Provided URL**/api/clients/listCountries
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

GET EDUCATION LEVELS

URL	**Provided URL**/api/clients/listEducationLevels
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

GET GENDERS

URL	**Provided URL**/api/clients/listGenders
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

GET OCCUPATIONS

URL	**Provided URL**/api/clients/listOccupations
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

GET RESIDENCE TYPES

URL	**Provided URL**/api/clients/listResidenceTypes
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

GET SECTORS

URL	**Provided URL**/api/clients/listSectors
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

GET PROVINCES

URL	**Provided URL**/api/clients/listProvinces
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

COLLECTION OPERATIONS

GET COLLECTION LIST

This method allows the user to list all the collections for a specific client on their profile.

COLLECTION FIELDS

Field Name	Type	Length	Description
Collection	DTO	-	Collection Data Transfer Object
CollectionID	N	-	The unique system ID.
CollecitonMethodTypeID	N	-	The collection method.
CollectionFrequencyTypeID	N	-	The frequency of the collection.
CommencementDate	DT	-	The date on which the debit order will start.
TransactionDate	DT	-	The transaction date of the debit order if the frequency is a once off.
TransactionDate2	DT	-	The 2nd transaction date of the debit order if the frequency is 2x once off.
TransactionDate3	DT	-	The 3rd transaction date of the debit order if the frequency is 4x once off.
TransactionDate4	DT	-	The 4th transaction date of the debit order if the frequency is 4x once off.
ExpiryDate	DT	-	The expiry date of the debit order. If left empty the debit order will not expire.
DebitDay	N	-	The debit day of the month the debit order will go off if the relevant frequency is selected. (1-31)
DebitMonth	N	-	The debit month of the year the debit order will go off if the relevant frequency is selected. (112)
Amount	N	-	The amount that will be collected.
ToCollectionAmountTotal	N	-	The to collect amount total is the total that will be collected before the debit order stops.
NaedoTrackingCodeID	N	-	The tracking code for the amount of days the Naedo debit order will track. Default to 12 of Eft.
CollectionDescription	S	50	User custom description.
AccountTypeID	N	-	The account type for the banking details of the collection.
BranchCode	N	-	The bank branch code.
AccountNumber	S	20	The collection account number.
AccountName	S	70	The account name of the collection.
ProductID	N	-	The Id of the product of this Client. 1 is the default product. Value must be 1 or greater.
MandateDTO	DTO	-	Mandate Data Transfer Object
MandateID	N	-	The Unique ID of the Mandate Document
FileName	S	Max	Name of the mandate document

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DocumentGUID	S	36	Globally Unique Identifier of the mandate document
UploadedDate	DT	-	The Date when the document was uploaded.
FileData	byte[]	-	Actual Content data of the file.

REQUEST SAMPLE

URL	**Provided URL**/api/collections/listcollections/{clientID} *Example: **Provided URL**/api/collections/listcollections/1237305*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample


```
[
  {
    "collectionId": 1627206,
    "clientId": 1237305,
    "collectionMethodTypeId": 4,
    "collectionFrequencyTypeId": 1,
    "collectionStatusTypeId": 1,
    "commencementDate": "2019-07-09T00:00:00",
    "transactionDate": "2019-07-12T00:00:00",
    "expiryDate": null,


    "debitDay": null,
    "debitMonth": null,
    "amount": 55,
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Rosewalll",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
    "mandate": {
      "fileName": "Test.PNG",
      "mandateId": 573446,
      "documentGUID": "aeaa90e6-9d7c-4cc0-ba1e-62ac10f8fa43",
      "uploadedDate": "2019-07-09T08:30:06.817"
    }
```

```
  },
  {
    "collectionId": 1627207,
    "clientId": 1237305,
    "collectionMethodTypeId": 4,
    "collectionFrequencyTypeId": 1,
    "collectionStatusTypeId": 1,
    "commencementDate": "2019-07-02T00:00:00",
    "transactionDate": "2019-07-06T00:00:00",
    "expiryDate": null,
    "debitDay": null,
    "debitMonth": null,
    "amount": 40,
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Rosewall",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
    "mandate": {
      "fileName": null,
      "mandateId": 0,
      "documentGUID": null,
      "uploadedDate": null
    }
  }
]
```


GET COLLECTION FILTER LIST

This method allows the user to list all the collections for a specific client on their profile.

COLLECTION FIELDS

Field Name	Type	Length	Description
Collection	DTO	-	Collection Data Transfer Object
CollectionID	N	-	The unique system ID.
CollecitonMethodTypeID	N	-	The collection method.
CollectionFrequencyTypeID	N	-	The frequency of the collection.
CommencementDate	DT	-	The date on which the debit order will start.
TransactionDate	DT	-	The transaction date of the debit order if the frequency is a once off.
TransactionDate2	DT	-	The 2nd transaction date of the debit order if the frequency is 2x once off.

TransactionDate3	DT	-	The 3rd transaction date of the debit order if the frequency is 4x once off.
TransactionDate4	DT	-	The 4th transaction date of the debit order if the frequency is 4x once off.
ExpiryDate	DT	-	The expiry date of the debit order. If left empty the debit order will not expire.
DebitDay	N	-	The debit day of the month the debit order will go off if the relevant frequency is selected. (1-31)
DebitMonth	N	-	The debit month of the year the debit order will go off if the relevant frequency is selected. (112)
Amount	N	-	The amount that will be collected.
ToCollectionAmountTotal	N	-	The to collect amount total is the total that will be collected before the debit order stops.
NaedoTrackingCodeID	N	-	The tracking code for the amount of days the Naedo debit order will track. Default to 12 of Eft.
CollectionDescription	S	50	User custom description.
AccountTypeID	N	-	The account type for the banking details of the collection.
BranchCode	N	-	The bank branch code.
AccountNumber	S	20	The collection account number.
AccountName	S	70	The account name of the collection.
ProductID	N	-	The Id of the product of this Client. 1 is the default product. Value must be 1 or greater.
MandateDTO	DTO	-	Mandate Data Transfer Object
MandateID	N	-	The Unique ID of the Mandate Document
FileName	S	Max	Name of the mandate document
DocumentGUID	S	36	Globally Unique Identifier of the mandate document
UploadedDate	DT	-	The Date when the document was uploaded.
FileData	byte[]	-	Actual Content data of the file.

REQUEST SAMPLE

URL	**Provided URL**/api/collections/listcollectionsfilter /{clientID} *Example:* ***Provided URL****/api/collections/listcollections/1237305*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"CollectionStatusTypeId": "",
	}

RESPONSE SAMPLE

Sample

```
[
  {
    "collectionId": 1627206,
    "clientId": 1237305,
    "collectionMethodTypeId": 4,
    "collectionFrequencyTypeId": 1,
    "collectionStatusTypeId": 2,
    "commencementDate": "2019-07-09T00:00:00",
    "transactionDate": "2019-07-12T00:00:00",
    "expiryDate": null,
    "debitDay": null,
    "debitMonth": null,
    "amount": 55,
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Jackson",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
    "mandate": {
      "fileName": "Test.PNG",
      "mandateId": 573446,
      "documentGUID": "aeaa90e6-9d7c-4cc0-ba1e-62ac10f8fa43",
      "uploadedDate": "2019-07-09T08:30:06.817"
    }
  }
```

GET ALL COLLECTION LIST

This method allows the user to list all the collections for a specific client on their profile.

COLLECTION FIELDS

Field Name	Type	Length	Description
Collection	DTO	-	Collection Data Transfer Object
CollectionID	N	-	The unique system ID.
CollecitonMethodTypeID	N	-	The collection method.
CollectionFrequencyTypeID	N	-	The frequency of the collection.
CommencementDate	DT	-	The date on which the debit order will start.
TransactionDate	DT	-	The transaction date of the debit order if the frequency is a once off.

TransactionDate2	DT	-	The 2nd transaction date of the debit order if the frequency is 2x once off.
TransactionDate3	DT	-	The 3rd transaction date of the debit order if the frequency is 4x once off.
TransactionDate4	DT	-	The 4th transaction date of the debit order if the frequency is 4x once off.
ExpiryDate	DT	-	The expiry date of the debit order. If left empty the debit order will not expire.
DebitDay	N	-	The debit day of the month the debit order will go off if the relevant frequency is selected. (1-31)
DebitMonth	N	-	The debit month of the year the debit order will go off if the relevant frequency is selected. (112)
Amount	N	-	The amount that will be collected.
ToCollectionAmountTotal	N	-	The to collect amount total is the total that will be collected before the debit order stops.
NaedoTrackingCodeID	N	-	The tracking code for the amount of days the Naedo debit order will track. Default to 12 of Eft.
CollectionDescription	S	50	User custom description.
AccountTypeID	N	-	The account type for the banking details of the collection.
BranchCode	N	-	The bank branch code.
AccountNumber	S	20	The collection account number.
AccountName	S	70	The account name of the collection.
ProductID	N	-	The Id of the product of this Client. 1 is the default product. Value must be 1 or greater.
MandateDTO	DTO	-	Mandate Data Transfer Object
MandateID	N	-	The Unique ID of the Mandate Document
FileName	S	Max	Name of the mandate document
DocumentGUID	S	36	Globally Unique Identifier of the mandate document
UploadedDate	DT	-	The Date when the document was uploaded.
FileData	byte[]	-	Actual Content data of the file.

REQUEST SAMPLE

URL	**Provided URL**/api/collections/listallcollections *Example:* ***Provided URL****/api/collections/listallcollections*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample


```
[
  {
    "collectionId": 1627206,
    "clientId": 1237305,
    "collectionMethodTypeId": 4,
    "collectionFrequencyTypeId": 1,
    "collectionStatusTypeId": 1,
    "commencementDate": "2019-07-09T00:00:00",
    "transactionDate": "2019-07-12T00:00:00",
    "expiryDate": null,
    "debitDay": null,
    "debitMonth": null,
    "amount": 55,
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Rosewalll",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
  },
  {
    "collectionId": 1627207,
    "clientId": 1237305,
    "collectionMethodTypeId": 4,
    "collectionFrequencyTypeId": 1,
    "collectionStatusTypeId": 1,
    "commencementDate": "2019-07-02T00:00:00",
    "transactionDate": "2019-07-06T00:00:00",
    "expiryDate": null,
    "debitDay": null,
    "debitMonth": null,
    "amount": 40,
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Rosewall",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
  }
]
```

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GET COLLECTION DETAILS

This method allows the user to get the details for on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/collections/getcollectiondetails /{collectionID} Example: ***Provided URL**/api/collections/getcollectiondetails/1627206*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample


```
{
   "collectionId": 1627206,
   "clientId": 1237305,
   "collectionMethodTypeId": 4,
   "collectionFrequencyTypeId": 1,
   "collectionStatusTypeId": 1,
   "commencementDate": "2019-07-09T00:00:00",
   "transactionDate": "2019-07-12T00:00:00",
   "expiryDate": null,
   "debitDay": null,
   "debitMonth": null,
   "amount": 55,
   "toCollectionAmountTotal": null,
   "naedoTrackingCodeId": 12,
   "collectionDescription": "Test",
   "accountTypeId": 1,
   "branchCode": 250655,
   "accountNumber": "12345678901",
   "accountName": "MK Rosewalll",
   "transactionDate2": null,
   "transactionDate3": null,
   "transactionDate4": null,
   "productId": 1,
   "mandate": {
      "fileName": "Test.PNG",
      "mandateId": 573446,
      "documentGUID": "aeaa90e6-9d7c-4cc0-ba1e-62ac10f8fa43",
      "uploadedDate": "2019-07-09T08:30:06.817"
   }
}
```

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GET COLLECTION HISTORY DETAILS

This method allows the user to get the history details for on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/collections/ getcollectionhistorydetails/{collectionID} Example: ***Provided URL****/api/collections/* getcollectionhistorydetails */1627206*
Method	GET
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample


```
[
    {
        “collectionHistoryID”: 736310775,
        “collectionID”: 910,
        “auditDate”: “2018-10-31T08:11:50.69”,
        “userID”: 48,
        “columnName”: “CommencementDate”,
        “previousValue”: “2016-08-05”,
        “newValue”: “2018-11-03”
    }
]
```


CREATE COLLECTION

This method adds a new collection to an existing client. Please note that collection rules apply.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/createcollection*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token
Request	{ "clientId": 1237305, "collectionMethodTypeId": 4, "collectionFrequencyTypeId": 1, "collectionStatusTypeId": 1, "commencementDate": "2019-07-09 00:00:00", "transactionDate": "2019-07-12 00:00:00", "expiryDate": null, "debitDay": null, "debitMonth": null, "amount": 52,

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```
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Rosewall",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
    "mandate": {
        "Filename": "Test.PNG",
        "FileData": "0x89504E470D0A1A0A0000000D494844520000011A000000DF
        080600000029E11C0900000000017352474200AECE1CE90000000467414D4100
        00B18 F0BFC61050000000009704859730000127400000127401DE661F78000
        0058849444154785EEDDD8D6DD44A1840D1B4400DB4400F94400DB44007E
        9800EA8800A688006E8801E160D8F41665F40F1666F98C5E7489650B4760CA
        3EFCAFBE3E5EE0410131A202734404E68809CD00039A101724203E48406C80
        90D90131A202734404E68809CD00039A101724203E48406C8090D90131A20
        2734404E68809CD00039A101724203E48406C8090D90131A202734404E68…
        "
     }
   }
}
```


RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Collection ID. If it was a new Collection being created it will return the new Collection ID
Success	B	-	Indicates if the Client was saved or not.
Messages	DTO	-	Will show a list of errors if Collection did not save successfully. Will be empty if Collection saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample


```
{
   "value": 1627208,
   "success": true,
   "messages": []
}
```

ERROR RESPONSE

Sample

{
"value": 0,
"success": false,
"messages": [
"The Collection Method Type ID '0' does not exist."
]
}

UPDATE COLLECTION

This method updates a collection on an existing client. Please note that collection rules apply.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/updatecollection*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"collectionId": 1627206,
	"clientId": 1237305,
	"collectionMethodTypeId": 4,
	"collectionFrequencyTypeId": 1,
	"collectionStatusTypeId": 1,
	"commencementDate": "2019-07-09 00:00:00",
	"transactionDate": "2019-07-12 00:00:00",
	"expiryDate": null,
	"debitDay": null,
	"debitMonth": null,
	"amount": 55,
	"toCollectionAmountTotal": null,
	"naedoTrackingCodeId": 12,
	"collectionDescription": "Test",
	"accountTypeId": 1,
	"branchCode": 250655,
	"accountNumber": "12345678901",
	"accountName": "MK Rosewalll",
	"transactionDate2": null,
	"transactionDate3": null,
	"transactionDate4": null,
	"productId": 1,
	"mandate":{
	"Filename": "Test.PNG",
	"FileData":
	"0x89504E470D0A1A0A0000000D494844520000011A000000DF080600000002
	9E11C0900000000017352474200AECE1CE90000000467414D410000B18F0BFC6
	10500000000970485973000012740000127401DE661F7800000588494441547
	85EEDDD…"

	} }

RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Collection ID. If it was a new Collection being created it will return the new Collection ID
Success	B	-	Indicates if the Client was saved or not.
Messages	DTO	-	Will show a list of errors if Collection did not save successfully. Will be empty if Collection saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample


```
{
   "value": 1627206,
   "success": true,
   "messages": []
}
```


ERROR RESPONSE

Sample


```
{
   "value": 1627206,
   "success": false,
   "messages": [
      "The provided transaction date cannot be smaller than 2019-07-11!"
   ]
}
```

INSERT COLLECTION MANDATE

This method creates a mandate on an existing collection.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/insertCollectionMandate*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"collectionID": 12345678,
	"fileName": "Example.pdf",
	"fileData": "255044462D312E370D0A25B5B5B5B50D0A312030206F626A0D0"
	}

REQUEST FIELDS

Field Name	**Type**	**Length**	**Description**
CollectionID	INT	-	Collection ID that the mandate will be saved to.
FileName	S	-	Name of the mandate including extension (.pdf, .jpg, .png, etc.)
FileData	Byte[]	-	The data of the file in a byte[] format.

RESPONSE FIELDS

Field Name	Type	Length	Description
Success	B	-	Indicates if the Client was saved or not.
Messages	DTO	-	Will show a list of errors if Collection did not save successfully. Will be empty if Collection saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample

{
"success": true,
"messages": ["Collection mandate was added successfully."]
}

ERROR RESPONSE

Sample

{
 "success": false,
 "messages": [" Collection ID does not exist!"]
 }

UPDATE COLLECTION STATUS

This method allows the user to update only the status of a specific collection on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/clients/updateClientStatus
Method	POST
Header	Content-Type: application/json Authorization: Generated Bearer Token

Request	{
	 "collectionID": 586275,
	 " collectionStatusTypeID": 2
	 }

SUCCESSFUL RESPONSE

Sample

{
 "value": 586275,
 "success": true,
 "messages": [
 "Success"
 ]
 }

ERROR RESPONSE

Sample

{
 "value": 586275,
 "success": false,
 "messages": [
 "The specified collectionStatusTypeID: '8' is invalid."
 ]
 }

DEBICHECK COLLECTIONS

DEBICHECK COLLECTION FIELDS

Field Name	Type	Required	Length	Description
Mandate	DTO	-	-	Mandate Data Transfer Object
AuthenticationInstrument	S	M	4	**Authentication Instrument:** - This field is used to indicate the debtor authorisation method code. - Expected values: 0227, 0229 or 0230 - For TT1 delayed use code 0227 - For TT1 real-time use codes 0229 and 0230 - When using code 0229, the debtor cell number in the message must match the registered cell number at the paying bank. If cell number provided in the message does not match, the request will be rejected. - When using code 0230, if the cell number in the message does not match the registered cell number at the paying bank, authorisation will be sent to payer using the registered cell number.
TransmissionNumber	I	M	1	- This field is used to indicate the number of times the transaction has been sent - The client is allowed to resubmit a failed transaction up to 4 times using the same ClientRequestReference and ClientContractReference. - If after 4 times the mandate initiation is still not successful, the client has to change the ClientRequestReference number - Must contain the number of times a message with this message identifier has been transmitted (in case of re-tries): - 1 = original message - 2 = resent message - 3 = resent message - 4 = resent message
CallbackUrl	S	M	1000	- The call-back URL to where the results for the record will be pushed to when it comes through.
FirstCollectionDate	DT	O	-	- The date on which the first collection (initial amount) will occur. - If the First Collection Date is populated, then the initial amount must also be populated. - The "First Collection Date" (if populated) must be at least 2 days into the future including current day and must be a valid date. - Format: YYYY-MM-DDT00:00:00.000Z.
AdjustmentCategoryTypeID	N	M	2	- Refers to the ability to adjust the Instalment Amount and the Maximum Collection Amount. - Expected values: - Never = 10 - Quarterly = 20

				- Biannually = 30 - Annually = 40 - Repo = 50 - If the Adjustment Category is “Quarterly” or “Biannually” or “Annually”, then either use “UseAmountAdjustment” and “AdjustmentAmount” or “UseRateAdjustment” and “AdjustmentRate”. - If the Adjustment Category is “Never” or “Repo” then “UseAmountAdjustment”, “AdjustmentAmount”, “UseRateAdjustment” and “AdjustmentRate” are not required.
UseAdjustmentAmount	B	M	1	- An indicator to determine if the Adjustment Amount will be used. - Expected values for Boolean: - false - true - If the Adjustment Category is “Quarterly” or “Biannually” or “Annually”, then either use “UseAmountAdjustment” and “AdjustmentAmount” or “UseRateAdjustment” and “AdjustmentRate”
AdjustmentAmount	N	M	-	- Amount by which the Instalment Amount and the Maximum Collection Amount can be adjusted based on Adjustment Category. This value can be negative. - If the Adjustment Category is “Quarterly” or “Biannually” or “Annually” then either use “UseAmountAdjustment” and “AdjustmentAmount” or “UseRateAdjustment” and “AdjustmentRate”. - Adjustment Amount to increase per Adjustment Category.
UseAdjustmentRate	B	M	1	- Expected values for Boolean: - false - true - If the Adjustment Category is “Quarterly” or “Biannually” or “Annually” then either use UseAmountAdjustment and AdjustmentAmount or UseRateAdjustment and AdjustmentRate.
AdjustmentRate	N	M	8	- Rate by which the Instalment Amount and the Maximum Collection Amount can be adjusted based on Adjustment Category. - This value can be negative. - Adjustment Rate to increase or decrease per Adjustment Category. - If the Adjustment Category is “Quarterly” or “Biannually” or “Annually” then either use “UseAmountAdjustment” and “AdjustmentAmount” or “UseRateAdjustment” and “AdjustmentRate”. - If adjustment category is equal to “Never” or “Repo”, neither the Adjustment Rate nor the Adjustment Amount is required.
CollectionDay	I	M	2	- Contains a number for the day of the week or a day of the month as per the frequency selected in “**Frequency Field**”. - Collection Day should be in the range of 1 – 99.

				- Refer to Mandate frequency codes table.
InitiationDate	DT	M	-	- Mandate initiation date. - Must be the current date - The date must be a valid date. - It may not be blank or have spaces between characters. - Format: YYYY-MM-DDT00:00:00.000Z
DateAdjustmentAllowed	B	M	1	- Used to indicate that the Collection Day could change. - Expected values for Boolean: - false - true - True - Allow all transactions for processing irrespective of the Collection Date. - False - Allow transaction if Action Date = Collection Day. Upfront rejection if Action Date ≠ Collection Day.
MandateReleaseDate	DT	O	10	- Indicate the date on which the mandate can be released, e.g. the mandate can be captured today to be released in the future for debtor authentication. - Mandate Release Date must be a future date. Format: YYYY-MM-DDT00:00:00.000Z.
TrackingIndicator	N	O	1	- Specify if tracking may be used for collections. - Expected values for Boolean: - 0 – (for false) - 1 – (for true) - If Tracking Indicator is “true”, then tracking is enabled – this means that the debtor has given the service provider the authority to track the account in the event of a collection failure. - This also means that for up to 10 days following the collection failure, the service provider can monitor the debtor’s account, and as soon as money comes into the account, the collection can be resubmitted. - If Tracking Indicator is “false” – then debtor has refused to allow the monitoring of his account. - If not provided, will default to false.
InstalmentOccurrenceTypeID	I	M	1	- Is the sequence type for instalment occurrence. - Expected values: - Once-off = 1 - Recurring = 2
InstalmentAmount	N	M	15	- This is the regular collection amount. - Instalment Amount may not be greater than "Maximum Collection Amount".
MaximumCollectionAmount	N	M	15	- The maximum collection amount that the user/creditor is allowed to collect per debit payment. - The Maximum Collection Amount cannot be greater than 1,5 times the Instalment Amount. - Example: If R100.00 is the Instalment Amount, the Maximum Collection Amount may not exceed R150. 00.

				- The Maximum Collection Amount must be equal to or greater than the Instalment Amount. - The field may not be blank or have spaces between characters and must be greater than "0".
UseInitialAmount	B	M	1	- Indicator to determine if there is an Initial Amount provided that should be included in the mandate: - Expected values for Boolean: - false - true
InitialAmount	N	M	15	- The Initial Amount to be collected.
FrequencyTypeID	I	M	3	- Used to indicate the regularity of the collection, namely: weekly, monthly, annually. - Expected values: - Weekly = 2 - Monthly = 8 - Yearly = 64 - The Collection Day must align with the frequency required in the table of mandate frequency.
EntryClassCodeTypeID	I	M	4	- Type of debit as determined by the creditor. - Please see list of Entry Class Code Types for valid ID's.
DebtorAccountName	S	M	35	- Account Name as per account specified to debit.
DebtorAccountNumber	S	M	19	- The debtor's account number.
DebtorBranchCode	S	M	6	- This is the 6-digit branch code of the debtor's bank and is required to identify the bank.
DebtorAccountTypeID	I	M	2	- The debtor's type of bank account that can be selected when sending a mandate. - Expected values: - 10 = Current - 20 = Savings - 30 = Transmission
DebtorIdentificationTypeID	I	M	2	- Is the type of debtor identification that is used for the mandate. - Expected values: - 2 = ID document - 6 = Passport - 7 = Temporary residence ID
DebtorIdentificationNumber	S	M	35	- Identification number for the debtor based on the identification type selected.
DebtorContactTypeID	I	M	2	- This is the debtor's contact type for contact number or email address. - Expected values: - 2 = Office Phone - 11 = Email Address
DebtorContactDetails	S	M	30 E-mail = 90	- This is the value for the contact number. - Field may not be left blank or contain spaces between characters.
MandateStatusChangeReasonCode	S	M/O	4	- If the request is amendment or cancellation, the Mandate status change reason code must be provided.

				- The reason the mandate is being amended. Below is the description associated to each of the codes that must be provided. - **Please see table of amendment or cancellation reasons.**
BankMandateReference	S	M/O	35	- If the request is amendment or cancellation, the Bank Mandate Reference must be provided. - The Bank Mandate Reference that was returned when the original mandate was accepted. - **The field cannot be amended - provide the same value as the mandate initiation. If field needs to change, new mandate required.**
OperationTypeID	I	M	1	- The Operation Type ID states what type of operation is being done for the Debicheck Mandate. - If a new collection is created, the Operation Type ID must be 1 – Initiation. - If a collection is updated, the Operation Type ID must be 2 – Amendment. - If the DebiCheck Mandate must be cancelled, the Operation Type ID must be 3 – Cancellation.

TABLE TYPES AND DEFINITIONS

ENTRY CLASS CODES TYPES

EntryClassCodeTypeID	Description
21	Insurance Premium
22	Pension Fund Contribution
23	Medical Aid Fund Contribution
26	Unit Trust Purchase
28	Charitable or religious contribution
31	H.P Repayment
32	Account Repayment
33	Loan Repayment (other than Mortgage)
34	Rental-Lease (other than Property)
35	Service Charged (Maintenance of Service Agreements, ect.)
36	Service Charge (Variable Amounts)
37	Value Added Tax (Vat Collection)
41	Rent (Property)
42	Bond Repayment
44	Bank Use - Debit Transfer
46	Bank Use - Cheque Card Debits

FREQUENCY TYPES

FrequencyTypeID	Description
2	Weekly: Event takes place once a week 1(Monday) 2 (Tuesday) 3 (Wednesday) 4 (Thursday) 5 (Friday) 6 (Saturday) 7 (Sunday)
4	Fortnightly: Event takes place once every two weeks 1 Monday to 7 Sunday (1st week) 8 Monday to 14 Sunday (2nd week)
8	Monthly Event: Event takes place once every month or once a month. 1 - 30 99 - Last Day (for February date is 28 if previously indicated 29th)
16	Quarterly Event: Event takes place once every three months or four times a year. 1 - 30 99 - Last Day (for February date is 28 if previously indicated 29th)
32	Bi Annual: Event takes place once every six months or two times a year. 1 - 30 99 - Last Day (for February date is 28 if previously indicated 29th)
64	Annual Event: Event takes place once every year or once a year.
128	Monthly By Rule 1 - Last Monday 2 - Last Tuesday 3 - Last Wednesday 4 – Last Thursday 5 - Last Friday 6 - Last Saturday 7 - First Monday 8 - First Tuesday 9 - First Wednesday 10 – First Thursday 11 - First Friday 12 - First Saturday 14 - 2nd Last Day 99 - Last Day

MANDATE STATUS TYPES

Mandate Status Types	Description
0	Awaiting Submission
1	Saved
2	Pending Authorisation
3	Accepted
4	Rejected
5	No Response
6	Internal Error

7	System Error
8	Queued
9	Suspended

OPERATION TYPES

OperationTypeID	Description
1	Initiation
2	Amendment
3	Cancellation

MANDATE AMENDMENT REASONS

Reason Code	Description
MD16	Request By Customer
MD17	Cancellation/amendment requested By Initiating Party
MD19	Unsuspend a Mandate with changes
MD20	Unsuspend an unchanged Mandate
MS02	Reason has not been specified by End Customer

MANDATE CANCELLATION REASONS

Reason Code	Description
MCES	Mandate cancelled due to early settlement
CEXP	Contract expired
MCFR	Mandate cancellation due to fraud
MICN	Cancellation of a mandate initiation
MACN	Cancellation of a mandate amendment

SUSPENSION REASON CODES

Reason Code	Description
CTCA	Contract Cancellation initiated by Debtor
CTEX	Contract Expired
CTAM	Contract Amended
MASC	Mandate suspended - Account not in a state for collection
MSUC	Mandate suspended - Seven consecutive unsuccessful collections
MCFC	Mandate suspended - Final collection
MCOC	Mandate suspended - Once Off collection

SCHEMA VALIDATION ERRORS: (CALLBACK)

Error Code	Description
AC0001	We encountered an error authenticating the specified user
AC0002	We encountered an error creating a new user session.
999999	Message timed out
MG0001	MG001 is a dynamic description for schema validation (length and mandatory field). The description will change based on specific field/element/exception.
	• Below are the possible error messages that can be returned:
	• Adjustment Category is mandatory or invalid
	• AmendmentReasonCode cannot be more than 4 characters in length
	• AmendmentReasonCode is mandatory or invalid
	• Authentication code cannot be more than 8 characters in length
	• Authentication instrument cannot be more than 4 characters in length
	• Authentication Instrument is mandatory or invalid
	• Authentication type is mandatory or invalid
	• BankMandateReference cannot be more than 22 characters in length
	• BankMandateReference is mandatory or invalid
	• CancellationReasonCode cannot be more than 4 characters in length
	• CancellationReasonCode is mandatory or invalid
	• ClientContractReference cannot be more than 14 characters in length
	• ClientContractReference is mandatory or invalid
	• ClientRequestReference cannot be more than 35 characters in length
	• ClientRequestReference is mandatory or invalid
	• Collection day is mandatory or invalid
	• Collection frequency is mandatory or invalid
	• Collection instalment occurrence is mandatory or invalid
	• Collection type is mandatory or invalid
	• Corporate is not linked to specified account or account short name
	• Creditor account number is mandatory or invalid
	• Creditor account number should be maximum length of 19 numbers only
	• Creditor Contact Type is mandatory or invalid
	• Creditor Contact Value cannot be more than 30 characters in length when Creditor Contact ContactType is 2 (Telephone)
	• Creditor Contact Value cannot be more than 90 characters in length when Creditor Contact ContactType is 11 (Email)
	• Creditor Contact Value is mandatory or invalid
	• Creditor Email Contact Details should have max length of 90 characters.

	• Creditor scheme name cannot be more than 11 characters in length
	• Creditor short name cannot be more than 10 characters in length
	• Creditor short name is mandatory or invalid
	• Creditor Telephone Contact Details should have max length of 30 characters.
	• Creditor ultimate name cannot be more than 35 characters in length
	• Currency Code is mandatory or invalid
	• Currency code should be maximum length of 3 characters only
	• Debit value type is mandatory or invalid
	• Debit Value Type should be specified either Fixed, Variable or Usage.
	• Debtor account number is mandatory or invalid
	• Debtor account number should be maximum length of 19 numbers only
	• Debtor account type is mandatory or invalid
	• Debtor bank branch code is mandatory or invalid
	• Debtor bank branch code should be maximum length of 6 numbers only
	• Debtor Contact Type is mandatory or invalid
	• Debtor Contact Value cannot be more than 30 characters in length when Debtor Contact ContactType is 2 (Telephone)
	• Debtor Contact Value cannot be more than 90 characters in length when Debtor Contact ContactType is 11 (Email)
	• Debtor Contact Value is mandatory or invalid
	• Debtor Email Contact Details should have max length of 90 characters.
	• Debtor Identification Number is mandatory or invalid
	• Debtor identification number should be maximum length of 35 numbers only
	• Debtor Identification Type is mandatory or invalid
	• Debtor name is mandatory or invalid
	• Debtor name should be maximum length of 35 charcters only
	• Debtor Name should have max length of 35 characters.
	• Debtor Telephone Contact Details should have max length of 30 characters.
	• Entry Class Code is mandatory or invalid
	• Initial Amount must be greater than 0 when UseInitialAmount is set to true.
	• Initiation Date is mandatory or invalid
	• Max collection amount is mandatory or invalid
	• The bank mandate reference needs to be specified when the request type is an amendment.
	• TransmissionNumber is mandatory or invalid
	• TransmissionNumber must contain a value between 1 and 4
	• Page size must not be greater than 100

MG0002	MG0002 is dynamic description for exceptions. The description will change based on specific field/element/exception. [{}] signifies a dynamic variable and will be replaced with actual field names.
	• Parameter value cannot be resolved
	• The [{0}] method parameter has not been set.
	• The [{0}] method parameter is invalid.
	• {0} is not a compatible version
	• The [{0}] method is not authorized by the current user with extra information: [{1}]
	• The user session has expired.
	• The user session is invalid.

BUSINESS RULE VALIDATION ERRORS: (CALLBACK)

Error Code	Description
MI0004	First collection date cannot be in the past.
MI0005	Instalment Amount (The collection amount) is mandatory, because Debit Value Type is {{Debit Value Type}}"
MI0038	Debtor Telephone Contact Details is mandatory
MI0040	Instalment Amount (The collection amount) should not exceed the maximum collection amount of {x}
MI0006	Maximum Collection Amount cannot be greater than 1.5 times the Instalment Amount (The collection amount) if Debit Value Type is FIXED or VARIABLE
MI0043	Debtor Identification has invalid document type.
MI0046	Debtor Account Number should be numbers only.
MI0049	Debtor bank (debtor branch number) should not have a value of 000000
MI0011	Debit Value Type should be specified either Fixed, Variable or Usage.
MI0012	Collection Day should be in range of 1 - 31.
MI0013	Authentication Instrument is mandatory and must contain a valid value: 0227,0228,0229,0230.
MI0014	If the Adjustment Category is Never, then the adjustment category must be equal to Fixed. Adjustment category must be populated for all debit value types.
MI0052	If the Debit Value Type is 'Fixed', then the Adjustment Category must be equal to 'Never'.
MI0015	If the Mandate Release Date is populated, it must be a valid future-date
MI0016	If Adjustment Category is populated and not equal to 'Never' or 'Repo', either the Adjustment Rate or the Adjustment Amount must be populated
MI0053	If Adjustment Category is populated and equal to 'Never' or 'Repo', then Adjustment Rate and Adjustment Amount must not be populated

MI0017	Collection Type can only be AC
MI0039	Debtor name may not contain any numeric characters.
MI0079	Contract Reference Code is not unique since transmission number 1 specified.
MI0060	Creditor Telephone Contact Details is not in correct format.
MI0081	Creditor Email Contact Details is not in correct format.
MI0025	Message Authentication Code (MAC) must not be populated if Debtor Authentication Instrument is not 0228.
MI0064	Entry Class provided is not valid code.
MI0031	Collection Currency can only be ZAR.
MI0069	{Value} provided is not a valid Amendment Code.
MI0070	{Value} provided is not a valid Cancellation Code.
MI0035	The original mandate cannot be found.
MI0071	Changes to Mandate Initiation Date is not allowed Changes to Mandate authentication code is not allowed
MI0072	Mandate requires re-authentication, Authentication Instrument (Local Instrument) must not be 0226.
MI0073	Changes to the following fields requires a new mandate - Frequency, Contract Reference Number, Debtor
Branch	Code, Mandate Reference number, Debit Value Type and A new Account number with new Bank.
MI0074	Re-authentication is not required, Authentication Instrument (Local Instrument) must be 0226.
MI0036	Daily cut off time reached for submission of requests for the day. Please submit this request tomorrow after {0} UTC.
MI0037	Corporate does not have entitlement to do a {0} transaction.
MI0076	Debtor telephone contact details is not in correct format.
MI0078	Debtor email contact details are not in correct format.
MI0082	Instalment Amount on Fixed Mandate cannot be amended without re-authentication
MI0083	Amendments to Instalment or Max collection Amount where the Adjustment Category = 'N' requires reauthentication
MI0084	The local instrument needs to be 0227 because the last amendment submitted on the Adjustment Amount was < {0} months on the CAPI Channel
	The local instrument needs to be 0226 because the last amendment submitted on the Adjustment Amount was > {0} months on the CAPI Channel.
MI0085	The local instrument needs to be 0227 because the last amendment submitted on the Adjustment Rate was < {0} months on the CAPI Channel
	The local instrument needs to be 0226 because the last amendment submitted on the Adjustment Rate was > {0} months on the CAPI Channel.
MI0087	Invalid Amendment - Account & ID number amended in the same request – new mandate required

MI0088	Contract Reference not permitted to be amended post the initial Collection – new mandate required
MI0089	Collection day for Weekly mandate must be between 1 and 7.
MI0090	Collection day for Fortnightly mandate must be between 1 and 14.
MI0091	Collection day for ad-hoc collected mandate must be between 1 and 14 or equal to 99.
MI0092	Collection day for monthly collected mandate must be between 1 and 30 or equal to 99.
MI0093	Collection day for quarterly collected mandate must be between 1 and 30 or equal to 99.
MI0094	Collection day for bi-annually collected mandate must be between 1 and 30 or equal to 99.
MI0095	Collection day for annually collected mandate must be between 1 and 30 or equal to 99.
MI0096	If the {} is populated then the first collection date must also be populated
MI0097	{} must be at least 2 days in the future for real time transactions
MI0098	Maximum collection amount cannot be greater than 1.5 if the debit value type is usage
ML0001	We encountered an error trying to retrieve the bank reference number for specified mandate API correlation ID
ML0002	We encountered an error trying to get the mandate request status
ML0003	We encountered an error retrieving a mandate request
ML0004	We encountered an error tying to search for mandates
ML0005	We encountered an error while retrieving the types list
ML0006	We encountered an error while retrieving the type details
MN0001	We encountered an error getting the mandate acceptance report
MN0002	The code will return the below static message and might include an additional variable description depending on the issue experienced
	We encountered an error when creating the mandate request {+ error description}
MN0003	Could not find the corporate specified
MN0004	We encountered an error getting the mandate status request report.
MN0005	We encountered an error when amending the mandate request.
MN0006	We encountered an error when cancelling the mandate request.
MN0007	We encountered an error while getting the mandate initiation status report
MN0008	We encountered an error retrieving the Mandate Bank Reference Correlation Id List.
MN0009	We encountered an error getting the reason list.
MN0010	We encountered an error while getting the pre-mandate status report.
MN0011	We encountered an error while getting the mandate amendment status report.
MN0012	We encountered an error while getting the mandate cancellation status report.

MS0001	Error getting the mandate acceptance report.
MS0002	Mandate request specified is invalid.
MS0003	Mandate could not be saved.
MS0004	Error getting the mandate initiation status report.
MS0005	The mandate request has not yet been pushed to the internal system.
MS0006	The mandate could not be found by the specified correlation identifier.
MS0007	Error getting the mandate initiation status.
MS0008	Error getting the mandate request status.
MS0009	Error correlating client with new and previous mandate request.
MS0010	The mandate bank request has not been in the system.
MS0011	The mandate request creditor is invalid.
MS0012	Error getting the pre-mandate initiation status.
MS0013	The mandate request aggregator is invalid
ME0010	The transacting account not linked to user
ME0011	The account doesn't exist.
ME0064	Errors linking the accounts.
ME0065	The client doesn't exist.
ME0072	Unable to log in at this time.
ME0079	The corporate client cannot be found.
ME0080	The client account is not registered in the system
MA0001	The mandate was not found please verify that the bank mandate reference is correct.
MA0002	Unauthorised mandate requested.
MA0003	Cannot return more than one mandate per status report.
MA0004	Error obtaining the mandate acceptance report.
MA0005	Cannot submit mandate.
MA0006	Cannot get bank reference number.
MA0007	Cannot get reasons list.
MA0009	Cannot get status report.
MA0010	Cannot get mandate request status.
MA0011	Cannot get mandate status.
MA0012	Cannot get pre-mandate request status.

DOWNSTREAM SERVICE PROVIDER ERROR CODES (CALLBACK):

Error Code	Description
000001	Tracking code Invalid
000002	Invalid Authorisation Code
000003	Invalid mandate initiation Date on mandate
000004	First Collection Date on mandate is not in the future Is now optional
000005	Invalid Instalment Amount on mandate

000006	Invalid Initial Amount on mandate
000007	Invalid Maximum Collection Amount on mandate
000008	Invalid Creditor Agent on mandate
000009	Invalid Creditor Account number on mandate
000010	Invalid Debtor identifier on mandate
000011	Invalid Debtor Account number on mandate
000012	Invalid Debtor Agent on mandate
000013	Invalid Authentication Type on mandate
000014	Invalid Debit Value Type on mandate
000015	Invalid Collection Day on mandate
000016	Invalid Date Adjustment Rule Indicator on mandate
000017	Invalid Adjustment Category on mandate
000018	Invalid Adjustment Rate or amount for category on mandate
000019	Invalid Adjustment Category for Debit Value Type "FIXED"
000021	Invalid Ultimate Debtor on mandate
000022	Instalment amount is greater than the Maximum Collection Amount
000023	Invalid Maximum Collection Amount on mandate
000024	The Debtor Account type must be a valid account type
000025	Invalid Entry Class
000026	Initiating Party may not be spaces
000027	Request Transmission Number Required
000028	MAC is required if Debtor Authentication Required element = 0228
000029	MAC must not be populated if Debtor Authentication Required element is not 0228
000030	Invalid Adjustment Rate or amount for category on mandate
000031	If the First Collection Date is populated, then the First Collection Amount must also be populated
000032	Currency Code must be "ZAR" for South Africa
000033	Message Id Structure incorrect
000034	Message Element <Message Element Name> must not be spaces
000035	Invalid Service Code
000036	Invalid Mandate Release date on Mandate
000037	Invalid Collection Type
000038	Debit Order Sub-type is required for a 'Variable' mandate
000039	Invalid Debit Order Sub-Type
000040	Customer Fixed Amount is mandatory for this Debit Order Sub-type
000041	Invalid Contract End Date
000042	Mandate Release date is required for warehousing purposes
000043	Mandate Release date is only applicable to creditors who are subscribed to this service
000044	Collection Type is mandatory for creditors who utilise value add services
000045	Debit Order sub-type is mandatory for creditors who utilise value add services

000046	Contract end date is mandatory for creditors who are subscribed to the auth-cancellation service
Debtor account issues:	
900003	Debits not allowed on this account, The type of account does not allow debit transactions.
900005	Dormant account. The account has been inactive for a period and no debits are allowed on this account.
900006	Account frozen. There is a restriction on the account, e.g. card stolen, potential fraud under investigation, etc.
900008	Account in liquidation. The account holder has been placed under liquidation. No transactions allowed.
900010	Account in sequestration. The account holder has been placed under sequestration. No transactions allowed.
900012	Account closed. The account has been closed by the account holder, or dormant account has been closed after a period. No transactions allowed.
900018	Account holder deceased. The account holder has been declared deceased. No transaction allowed.
900026	No such account. The account number supplied is not found on the issuer's system where the collection is taking place.
900048	Debtor's account number fails debtor's account validation routine
900056	Not FICA compliant. Transactions may not be processed on the account as FICA requirements are outstanding.
901123	Debtor account number fails CDV
902118	Debtor account is not open and active
902136	Mandates not allowed against this account
910001	Account number is invalid
910002	Account does not match ID number
910003	Account number not linked to client's profile
910006	Multiple signatories not allowed on account
Debtor bank issues:	
900044	The debtor bank is currently unable to process due to a system problem and has issued the 44 response as notification of a problem. Creditor bank to take no action, transaction is with issuer. The debtor bank will process the transaction and respond with a 99 or other final response once the system problem is resolved.
999901	Bank not available.
Message header issues:	
901000	Message identifier MsgId is missing.
901001	Identifier code in message identifier invalid
901002	Generation number in message identifier invalid
901003	Sequence number not 000001
901004	Sequence number is not continuous

901005	Message identifier is not unique
901006	Creation date missing
901007	Creation date and time in group header invalid
901016	Clearing system identifier invalid
901017	Instructing agent invalid
901037	Debit agent is missing
901043	Creditor agent is missing
901044	The ACH identifier is incorrect
901045	Invalid service code
901078	Instructing agent is invalid
901079	Instructed agent is invalid
901080	Original message type invalid
901088	Mandate request type is invalid
901113	Invalid creditor agent on mandate
901116	Invalid debtor agent on mandate
901197	Invalid debtor bank member ID
902005	Invalid file type
902006	File number is not in sequence
902007	Assigner identifier code invalid
902008	Assignee identifier code invalid
902009	Creation date invalid
902113	Unable to validate file number, invalid originating bank identifier
902127	Invalid mandate download request type
902134	Message ID structure incorrect
902141	Mandate request identifier structure error
910099	Message element <message element name> must not be zero or have any spaces
Message content issues:	
900040	Item limit exceeded
901034	Ultimate debtor name is same as debtor name
901035	Debtor name field contains spaces
901036	Debit account is missing
901038	Creditor name field contains spaces
901039	Ultimate creditor name is same as creditor name
901040	Creditor account is missing
901046	Group reason code invalid
901052	Original payment identifier not matched
901053	Returned interbank settlement amount not equal to original amount
901054	Invalid transaction return reason code
901060	Invalid tracking code
901061	Invalid instalment sequence
901062	Invalid entry class

901064	Incorrect cycle date
901065	The contact details for the creditor are missing
901066	The creditor account number is invalid
901067	The creditor branch code or BIC code is invalid
901068	The debtor account type is invalid
901069	The debtor branch code is invalid
901070	Invalid debit sequence type
901072	The first collection date is not in the future
901073	The last collection date is not in the future
901077	Creditor account is invalid
901081	Invalid status group code
901085	Initiating party may not have spaces
901086	Invalid mandate reason code
901087	Invalid acceptance indicator
901089	Transaction ID not matched to original transaction ID
901090	Ultimate creditor name may not have spaces
901091	Ultimate debtor name may not have spaces
901092	Mandate reference number may not be blank or have spaces
901093	Contract reference not matched to original
901100	Tracking code invalid
901101	Invalid authorisation code
901102	Invalid instalment occurrence
901103	Invalid instalment frequency
901104	Invalid mandate initiation date on mandate
901105	Invalid TO date on mandate
901106	Invalid first collection date on mandate.
901107	Invalid final collection date on mandate
901108	Invalid instalment amount on mandate
901109	Invalid initial amount on mandate
901110	Invalid final collection amount on mandate
901111	Instalment amount is greater than the maximum collection amount
901112	Invalid maximum collection amount on mandate
901114	Invalid creditor account number on mandate
901115	Invalid debtor account number on mandate
901117	Invalid authentication indicator on mandate
901118	Invalid authentication type indicator on mandate acceptance
901119	Invalid debit value type on mandate
901120	Invalid collection day on mandate
901121	Invalid date adjustment rule indicator on mandate
901122	Invalid debtor identifier on mandate
901124	Mandate reference number is blank or has spaces
901125	Invalid adjustment category on mandate

901126	Invalid adjustment rate on mandate
901127	Invalid adjustment amount on mandate
901128	Invalid creditor name on mandate
901129	Invalid ultimate creditor on mandate
901130	Invalid ultimate debtor on mandate
901131	Invalid contract reference on mandate
901132	First collection date on mandate may not be amended to an earlier date
901133	First collection date on mandate must be 3 days greater than load date
901134	Invalid initiating party
901136	Mandate requested identifier not found
901137	First collection date on mandate may not be amended to an earlier date
901138	Mandate amendment not matched
901139	Mandate amendment date invalid
901141	Mandate amendment date error
901143	Mandate cancellation reason code is invalid
901144	Original mandate request identification is not matched
901145	Mandate cancellation not matched with mandate reference number
901146	The first collection date must be 4 days greater than load date
901147	Invalid debtor name on mandate
901149	Instalment amount may not be greater than maximum amount
901150	First collection date must be greater than or equal to "from date"
901152	The collection amount may not exceed the maximum collection amount
901153	The maximum amount may not change
901154	The country on the address fields may not be changed
901155	The creditor scheme may not be changed
901156	Creation date and time may not be in the future
901159	The mandate amendment reason code is invalid
901162	Mandate reference number is required
901163	Mandate request transaction identifier has spaces
901164	Bank in mandate request transaction identifier is invalid
901165	Date in mandate request transaction identifier is invalid
901170	Creditor abbreviated short name may not have spaces
901179	Sequence number in mandate request transaction number is invalid
901185	Mandate request transaction identifier must match original message
901186	The debtor account type and account number are required on amendment
901187	MAC is required if debtor authentication required element = 0228
901188	Creditor abbreviated short name not matched
901189	MAC must not be populated if debtor authentication required element is not 0228

901190	Invalid adjustment rate or amount for category on mandate
901191	The debtor bank branch number and account number are required on amendment
901193	Invalid adjustment category for debit value type “FIXED”
901195	If the first collection date is populated, then the first collection amount must also be populated
901199	Mandate requires reauthentication
902015	Cancellation code is invalid
902019	Transaction cancellation status code is invalid
902020	Cancellation status reason code is invalid
902112	Mandate authentication date is invalid
902114	Invalid country code
902123	Invalid debtor name on mandate information request
902124	Bank identifier on file name must be the same as instructing agent bank identifier
902125	Instructing agent and instructed agent cannot have the same bank identifier
902135	Invalid personal identification type
902140	Tracking period not equal to mandate
902142	Cellphone number is invalid
902143	An amendment to an account number requires a new mandate
902144	Once-off instalment is not equal to first collection amount on mandate
902147	Original message identification does not match
902148	Authentication status is invalid
902151	Request transmission number required
902152	Request transaction identifier must be unique
902153	Reason code must be supplied
902202	Duplicate request. Previously authorised.
902203	File rejected. All transactions invalid. See reasons for rejection on transaction information.
902235	Mandate instalment amount exceeds industry limit
902236	Adjustment amount required for amendments to adjustment category
902317	Debit sequence type not equal to instalment occurrence on mandate
902318	Debit sequence type not valid for instalment occurrence on mandate.
902335	Mandate instalment amount exceeds industry limit
902400	Relationship between message identification, authentication type and debtor authentication required is incorrect
910004	Account open and active, incorrect contact details (0229)
910005	Account open and active, no contact details
910099	Message element <message element name> must not be zero or have spaces
Mandate issues:	

901140	Mandate is not in a status to be amended
901142	Mandate amendment failed due to collection response outstanding
901161	Mandate not at a state that allows for amendments
901168	Seven consecutive unsuccessful collections. Mandate suspended.
901169	Amendment not in period of adjustment category
901175	Duplicate mandate suspension request
902122	Amendment cannot be processed while previous amendment not accepted
902126	Mandate is not in a status to be cancelled
902145	Mandate has expired
902146	Mandate initiation request has expired
902232	Mandate cancelled due to early settlement
902233	Contract expired
902234	Mandate cancellation due to fraud
902319	Mandate cancelled, collection removed from tracking
901140	Mandate is not in a status to be amended
902206	File exceeds maximum specified number of records
Message timed out:	
999999	Message timed out
Authentication:	
902119	Unable to reach debtor for authentication
901174	Duplicate cancellation request
901176	Duplicate mandate suspension confirmation
902200	Duplicate request. Account invalid.
902201	Duplicate request. Duplicate request, response from debtor still pending.
902204	Duplicate request. Mandate already exists.
902205	Duplicate message. Message rejected.
902207	Mandate reply already processed
902208	Duplicate response for mandate request

CREATE DEBICHECK COLLECTION

This method adds a new DebiCheck collection to an existing client. Please note that collection rules still apply. Back-end validations will also be done on DebiCheck applicable fields. The CollectionMethodTypeID must be 11 for a DebiCheck mandate.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/createcollection*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"clientId": 1237305,
	"collectionMethodTypeId": 4,
	"collectionFrequencyTypeId": 2,
	"collectionStatusTypeId": 1,
	"commencementDate": "2021-03-01 00:00:00",
	"transactionDate": null,
	"expiryDate": null,
	"debitDay": 5,
	"debitMonth": null,
	"amount": 52,
	"toCollectionAmountTotal": null,
	"naedoTrackingCodeId": 12,
	"collectionDescription": "Test",
	"accountTypeId": 1,
	"branchCode": 250655,
	"accountNumber": "12345678901",
	"accountName": "MK Rosewall",
	"transactionDate2": null,
	"transactionDate3": null,
	"transactionDate4": null,
	"productId": 1,
	"mandate": {
	"Filename": "Test.PNG",
	"FileData": "0x89504E470D0A1A0A0000000D494844520000011A000000DF
	080600000029E11C0900000001735247420OAECE1CE90000000467414D4100
	00B18 F0BFC6105000000097048597300001274000012740 1DE661F78000
	0058849444154785EEDDD8D6DD44A1840D1B4400DB4400F94400DB44007E
	9800EA8800A688006E8801E160D8F41665F40F1666F98C5E7489650B4760CA
	3EFCAFBE3E5EE0410131A202734404E68809CD00039A101724203E48406C80
	90D90131A202734404E68809CD00039A101724203E48406C8090D90131A20
	2734404E68809CD00039A101724203E48406C8090D90131A202734404E68…
	"
	},
	"debiCheckMandate": {
	"FirstCollectionDate": "2021-03-05",
	"InstalmentAmount": 52.00,
	"MaximumCollectionAmount": 78.00,
	"InitialAmount": 52.00,
	"AdjustmentCategoryTypeID": 10,
	"AdjustmentAmount": 0.00,

```
            "AdjustmentRate": 0,
            "CollectionDay": 5,
            "TrackingIndicator": 0,
            "TransmissionNumber": 1,
            "CallbackUrl":
"https://test.testurl.co.za/softycompcallbackrest/mandatestatus/",
            "AuthenticationInstrument": "0227",
            "InitiationDate": "2021-02-23",
            "InstalmentOccurrenceTypeID": 2,
            "FrequencyTypeID": 8,
            "EntryClassCodeTypeID": 33,
            "UseCollectionDay": true,
            "DateAdjustmentAllowed": 0,
            "DebtorAccountName": "MK Rosewall",
            "DebtorAccountNumber": "12345678901",
            "DebtorBranchCode": 250655,
            "DebtorAccountTypeID": 10,
            "DebtorIdentificationTypeID": 2,
            "DebtorIdentificationNumber": "8905165086085",
            "DebtorContactTypeID": 3,
            "DebtorContactDetails": "0713352472",
            "UseInitialAmount": 1,
            "UseAdjustmentAmount": false,
            "UseAdjustmentRate": false,
            "OperationTypeID": 1,
            "TransmissionTypeID": 1,
            "MandateStatusChangeReasonCode": ""
        }
    }
}
```


RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Collection ID. If it was a new Collection being created it will return the new Collection ID
Success	B	-	Indicates if the Collection was saved or not.
Messages	DTO	-	Will show a list of errors if Collection did not save successfully. Will be empty if Collection saved successfully

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RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample

{
"value": 1627208,
"success": true,
"messages": []
}

ERROR RESPONSE

Sample

{
"value": 0,
"success": false,
"messages": [
"The Collection Method Type ID '0' does not exist."
]
}

UPDATE DEBICHECK COLLECTION

This method updates DebiCheck collection. Please note that collection rules still apply. Back-end validations will also be done on DebiCheck applicable fields. The CollectionMethodTypeId must be 11 for a DebiCheck mandate. Also note that the entire collection object must be passed through. The Update DebiCheck Collection functionality will cater for mandate **amendments** and **cancellations**. For amendments and cancellations, the Mandate Status Change Reason Code and Bank Mandate Reference fields must be populated with the applicable values.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/updatecollection*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token
Request	{ "clientId": 1237305, "collectionMethodTypeId": 4, "collectionFrequencyTypeId": 2, "collectionStatusTypeId": 1, "commencementDate": "2021-03-01 00:00:00", "transactionDate": null, "expiryDate": null, "debitDay": 5, "debitMonth": null, "amount": 52,

```
    "toCollectionAmountTotal": null,
    "naedoTrackingCodeId": 12,
    "collectionDescription": "Test",
    "accountTypeId": 1,
    "branchCode": 250655,
    "accountNumber": "12345678901",
    "accountName": "MK Rosewall",
    "transactionDate2": null,
    "transactionDate3": null,
    "transactionDate4": null,
    "productId": 1,
    "mandate": {
            "Filename": "Test.PNG",
            "FileData": "0x89504E470D0A1A0A0000000D494844520000011A000000DF
            080600000029E11C0900000017352474200AECE1CE90000000467414D4100
            00B18 F0BFC610500000000970485973000012740000127401DE661F78000
            0058849444154785EEDDD8D6DD44A1840D1B4400DB4400F94400DB44007E
            9800EA8800A688006E8801E160D8F41665F40F1666F98C5E7489650B4760CA
            3EFCAFBE3E5EE0410131A202734404E68809CD00039A101724203E48406C80
            90D90131A202734404E68809CD00039A101724203E48406C8090D90131A20
            2734404E68809CD00039A101724203E48406C8090D90131A202734404E68…
            "
     },
     "debiCheckMandate": {
          "FirstCollectionDate": "2021-03-05",
          "InstalmentAmount": 52.00,
          "MaximumCollectionAmount": 78.00,
          "InitialAmount": 52.00,
          "AdjustmentCategoryTypeID": 10,
          "AdjustmentAmount": 0.00,
          "AdjustmentRate": 0,
          "CollectionDay": 5,
          "TrackingIndicator": 0,
          "TransmissionNumber": 1,
          “CallbackUrl”:
  “https://test.testurl.co.za/softycompcallbackrest/mandatestatus/”,
          "AuthenticationInstrument": "0227",
          "InitiationDate": "2021-02-23",
          "InstalmentOccurrenceTypeID": 2,
          "FrequencyTypeID": 8,
          "EntryClassCodeTypeID": 33,
          "UseCollectionDay": true,
          "DateAdjustmentAllowed": 0,
          "DebtorAccountName": "MK Rosewall",
          "DebtorAccountNumber": "12345678901",
          "DebtorBranchCode": 250655,
          "DebtorAccountTypeID": 10,
          "DebtorIdentificationTypeID": 2,
          "DebtorIdentificationNumber": "8905165086085",
          "DebtorContactTypeID": 3,
          "DebtorContactDetails": "0713352472",
          "UseInitialAmount": 1,
          "UseAdjustmentAmount": false,
          "UseAdjustmentRate": false,
```

```
        "OperationTypeID": 2,
        "TransmissionTypeID": 1,
        "MandateStatusChangeReasonCode": "MD16"
      }
    }
  }
```


RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Collection ID. If it was a new Collection being created it will return the new Collection ID
Success	B	-	Indicates if the Collection was saved or not.
Messages	DTO	-	Will show a list of errors if Collection did not save successfully. Will be empty if Collection saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample


```
{
  "value": 1627208,
  "success": true,
  "messages": []
}
```


ERROR RESPONSE

Sample


```
{
  "value": 0,
  "success": false,
  "messages": [
    "The Collection Method Type ID '0' does not exist."
  ]
}
```


GET LAST DEBICHECK MANDATE COLLECTION STATUS LOG

This method will return the last received DebiCheck mandate request status log as received from the service provider.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/ getlastdebicheckmandaterequeststatuslog/*{collectionID}
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE FIELDS

Field Name	Type	Length	Description
CollectionID	N	-	The original CollectionID that was returned when the collection was created and provided in the request.
ClientContractReference	S	-	This is a combination of the abbreviated short name registered with the bank and the client contract code.
MandateStatusTypeID	N	-	This is the mandate status type ID that was returned. Please refer to the Mandate Status Types table.
MandateStatusChangeReasonCode	S	-	If mandate was amended or cancelled, the change reason code sent with the applicable request will be returned.
Description	S	-	If the request returned with either a rejection or error, the description will be returned.
ResponseCode	S	-	If the request returned with either a rejection or error, the response code associated with the reason will be returned.
OperationTypeID	N	-	The operation type selected for the request. Please refer to the Operation Types table.

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample


```
{
   “collectionID”: 10001,
   "clientContractReference": “TEST 0001”,
   "mandateStatusTypeID": 3,
   “mandateStatusChangeReasonCode”: “”,
   “description”: “”,
   “responseCode”: “”,
   “operationTypeID”: 1
}
```


ERROR RESPONSE

Sample

{
"collectionID": 10001,
"clientContractReference": "",
"mandateStatusTypeID": 0,
"mandateStatusChangeReasonCode": "",
"description": "Mandate was not found in the registry.",
"responseCode": "",
"operationTypeID": 0
}

LIST ALL DEBICHECK MANDATE REQUEST STATUS LOGS

This method will return a list of all the DebiCheck mandate request status logs as received from the service provider, with the addition of request and response dates. Latest response will always be first, and list will be in descending order by date received.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/ listdebicheckmandatecollectionstatuslogs/*{collectionID}
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE FIELDS

Field Name	Type	Length	Description
OperationTypeID	N	-	The operation type selected for the request. Please refer to the Operation Types table.
MandateStatusTypeID	N	-	This is the mandate status type ID that was returned. Please refer to the Mandate Status Types table.
AuthenticationInstrument	S	-	The authentication instrument used when the request was sent to the service provider. - 0227: Delayed Authentication - 0229, 0230: Realtime Authentication
RequestDate	DT	-	The date and time the request was sent.
ResponseDate	DT	-	The date and time the response was received from the service provider.
ErrorCode	S	-	The response code if the request returned with an error, rejection or no response.
ErrorDescription	S	-	If the request returned with either a rejection, error or no response, the description will be returned.

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

In this example scenario, the request was sent to the client, whom did not respond in time (Within the initial +-120 seconds.). We receive a “No Response” response from the bank, and the system automatically resubmits the request with the delayed authentication instrument. The client then accepted the initiation request, and the mandate was saved in the mandate registry. After 2 months, the DebiCheck mandate was suspended from the service provider level, and the suspended request was sent to us (MandateStatusTypeID: **9**).

Sample


```
[
  {
    "operationID": 1,
    "mandateStatusTypeID": 9,
    "authenticationInstrument": “0227”,
    "requestDate": “2022-07-27T00:00:00”,
    "responseDate": “2022-10-03T12:14:01”,
    "errorCode": " CTCA",
    "errorDescription": "Contract Cancellation initiated by Debtor"
  },
  {
    "operationID": 1,
    "mandateStatusTypeID": 3,
    "authenticationInstrument": “0227”,
    "requestDate": “2022-07-27T00:00:00”,
    "responseDate": “2022-07-27T16:29:51”,
    "errorCode": "",
    "errorDescription": ""
  },
  {
    "operationID": 1,
    "mandateStatusTypeID": 2,
    "authenticationInstrument": “0227”,
    "requestDate": “2022-07-27 00:00:00”,
    "responseDate": “2022-07-27 16:29:30”,
    "errorCode": "",
    "errorDescription": ""
  },
  {
    "operationID": 1,
    "mandateStatusTypeID": 5,
    "authenticationInstrument": “0229”,
    "requestDate": “2022-07-27T00:00:00”,
    "responseDate": “2022-07-27T16:29:22”,
    "errorCode": " TO01”,
    "errorDescription": "The Debtor did not respond in the specified time period."
  },
  {
    "operationID": 1,
    "mandateStatusTypeID": 2,
    "authenticationInstrument": “0229”,
    "requestDate": “2022-07-27T00:00:00”,
```

"responseDate": “2022-07-27T16:27:52”,
"errorCode": "",
"errorDescription": ""
},
{
"operationID": 1,
"mandateStatusTypeID": 0,
"authenticationInstrument": “0229”,
"requestDate": “2022-07-27T16:27:50”,
"responseDate": “2022-07-27T16:27:50”,
"errorCode": “”,
"errorDescription": “”
}
]

GET CURRENTLY REGISTERED DEBICHECK MANDATE DETAILS

This method will return the currently registered and accepted DebiCheck mandate details that was authenticated by the user.

REQUEST SAMPLE

URL	*Example: **Provided URL**/api/collections/ listdebicheckmandateregistrydetails/*{collectionID}
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE FIELDS

Field Name	Type	Length	Description
InsertionDate	DT	-	The time and date the mandate registry entry was inserted.
FirstCollectionDate	DT	-	The date the very first collection request will be debited from the Debtors’ account.
InstalmentAmount	N	-	This is the regular collection amount.
MaximumCollectionAmount	N	-	The maximum collection amount that the user/creditor is allowed to collect per debit payment.
InitialAmount	N	-	The Initial Amount to be collected.
AdjustmentCategoryTypeID	N	-	The numbered type ID that represents, “Quarterly”, “Biannually”, “Annually”, “Repo” or “Never”.
AdjustmentAmount	N	-	Amount by which the Instalment Amount and the Maximum Collection Amount can be adjusted based on Adjustment Category.

AdjustmentRate	N	-	Rate by which the Instalment Amount and the Maximum Collection Amount can be adjusted based on Adjustment Category.
CollectionDay	N	-	Contains a number for the day of the week or a day of the month as per the frequency selected in “Frequency Field”.
TrackingIndicator	N	-	Will be 0 if no tracking was selected, and 1 if it was selected.
AuthenticationInstrument	S	-	The authentication instrument used when the request was sent to the service provider. - 0227: Delayed Authentication - 0229, 0230: Realtime Authentication.
InitiationDate	DT	-	The date the original mandate initiation request was sent for authentication.
FrequencyTypeID	N	-	- The regularity of the collection, namely: weekly, monthly, annually. - Values: - Weekly = 2 - Monthly = 8 - Yearly = 64
EntryClassCodeTypeID	N	-	Type of debit as determined by the creditor.
DateAdjustmentAllowed	B	-	Indicate that the Collection Day could change.
ClientRequestReference	N	-	The ClientRequestReference will be same as the CollectionID.
ClientContractReference	S	-	This is a combination of the abbreviated short name registered with the bank and the client contract code.
DebtorAccountName	S	-	Account Name as per account specified to debit.
DebtorAccountNumber	S	-	The debtor’s account number.
DebtorBranchCode	N	-	This is the 6-digit branch code of the debtor’s bank and is required to identify the bank.
DebtorAccountTypeID	N	-	- The debtor’s type of bank account that can be selected when sending a mandate. - Expected values: - 10 = Current - 20 = Savings - 30 = Transmission
DebtorIdentificationTypeID	N	-	- Is the type of debtor identification that is used for the mandate. - Expected values: - 2 = ID document - 6 = Passport 7 = Temporary residence ID

DebtorIdentificationNumber	S	-	Identification number for the debtor based on the identification type selected.
DebtorContactTypeID	N	-	- This is the debtor's contact type for contact number or email address. - Expected values: - 1 = Home Phone - 2 = Office Phone - 3 = Cell Phone - 11 = Email Address
DebtorContactDetails	S	-	This is the value for the contact number or email address.
OperationTypeID	N	-	The applicable operation type: - 1 = Mandate Initiation - 2 = Mandate Amendment - 3 = Mandate Cancellation If the mandate was initiated and accepted by the client, the mandate registry entry will have an operation type ID of 1. If an amendment request is sent and accepted by the client, the mandate registry entry operation type ID will update to 2. If a cancellation request is sent and accepted by the service provider, the mandate registry operation type ID will be updated to 3. If a mandate was successfully cancelled, the mandate registry entry will have an operation type ID of 3 (Cancellation) and a mandate status type ID of 3 (Accepted).
MandateStatusTypeID	N	-	The mandate registry entry status type ID.

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample


```
{
    "insertionDate": "2022-09-11T15:43:48.56",
    "firstCollectionDate": "2022-10-26T00:00:00",
    "instalmentAmount": 500.00,
    "maximumCollectionAmount": 200.00,
    "initialAmount": 150.00,
    "adjustmentCategoryTypeID": 10,
    "adjustmentAmount": 0.00,
    "adjustmentRate": 0.00000,
    "collectionDay": 25,
    "trackingIndicator": 1,
    "authenticationInstrument": "0229",
```

```
    "initiationDate": "2022-09-11T15:43:48.56",
    "frequencyTypeID": 8,
    "entryClassCodeTypeID": 35,
    "dateAdjustmentAllowed": true,
    "clientRequestReference": 10004,
    "clientContractReference": "TEST10004",
    "debtorAccountName": "AB TEST",
    "debtorAccountNumber": "123456789",
    "debtorBranchCode": 250655,
    "debtorAccountTypeID": 10,
   "debtorIdentificationTypeID": 2,
   "debtorIdentificationNumber": "8906015085085",
   "debtorContactTypeID": 3,
   "debtorContactDetails": "0821234567",
   "operationTypeID": 1,
   "mandateStatusTypeID": 3
}
```

DEBICHECK CALLBACK SERVICE

DEBICHECK MANDATE STATUS CALLBACK SERVICE HOSTING

The mandate status will be sent to the client via the endpoint URL provided in the Mandate Initiation, Amendment or Cancellation request as the CallbackURL property.

You will be required to host a Restful JSON endpoint that will receive the following properties: (Please note the below JSON response sample is an example with all properties populated for demonstration purposes only, and is not a valid response.

RESPONSE FIELDS

Field Name	Type	Length	Description
CollectionID	N	-	The original CollectionID that was returned when the collection was created.
ClientContractReference	S	-	This is a combination of the abbreviated short name registered with the bank and the client contract code.
MandateStatusTypeID	N	-	This is the mandate status type ID that was returned. Please refer to the Mandate Status Types table.
MandateStatusChangeReasonCode	S	-	If mandate was amended or cancelled, the change reason code sent with the applicable request will be returned.
Description	S	-	If the request returned with either a rejection, error or no response, the description will be returned.
ResponseCode	S	-	The response code if the request returned with an error, rejection or no response.
OperationTypeID	N	-	The operation type selected for the request. Please refer to the Operation Types table.

ACCEPTED RESPONSE

Sample

```
{
   “collectionID”: 10001,
   "clientContractReference": “TEST 0001”,
   "mandateStatusTypeID": 3,
   “mandateStatusChangeReasonCode”: “”,
   “description”: “”,
   “responseCode”: “”,
   “operationTypeID”: 1
}
```

REJECTED RESPONSE

Sample


```
{
   “collectionID”: 10002,
   "clientContractReference": “TEST 0002”,
   "mandateStatusTypeID": 4,
   “mandateStatusChangeReasonCode”: “”,
   “description”: “NotSpecifiedReasonCustomer Generated”,
   “responseCode”: “MS02”,
   “operationTypeID”: 1
}
```


SUSPENDED RESPONSE

Sample


```
{
   “collectionID”: 10003,
   "clientContractReference": “TEST 0003”,
   "mandateStatusTypeID": 9,
   “mandateStatusChangeReasonCode”: “”,
   “description”: “Contract Cancellation initiated by Debtor”,
   “responseCode”: “CTCA”,
   “operationTypeID”: 1
}
```

MANDATES

MANDATE DOWNLOAD

REQUEST SAMPLE

URL	**Provided URL**/api/mandates/downloadmandate/{DocumentGuid} *Example: **Provided URL**/api/mandates/downloadmandate/16233E33-ECE2-4A5C-9852-65C2BD27805D*
Method	GET
Headers	Content-Type: **application/octet-stream** Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample
“0x255044462D312E350D0A25B5B5B5B50D0A312030206F626A0D0A3C3C2F547970652F436174616C6F672F506167657320322030205220 2F4C616E6728656E2D555329203E3E0D0A656E646F626A0D0A322030206F626A0D0A3C3C2F547970652F50616765732F436F756E7420312F4B6964735B20332030 20525D203E3E0D0A656E646F626A0D0A332030206F626A0D0A3C3C2F547970652F506167652F506172656E74203220302052 2F5265736F75726365733C3C2F466F6E743C3C2F463120352030205220 2F46322031312030205220 3E3E2F457874475374617465 3C3C2F4753313020313020302052 3E3E2F50726F63536574 5B2F5044462F546578742F496D616765422F496D616765432F496D616765495D203E3E2F4D65646961426F785B20302030203631322037393225D202F436F6E74656E747320342030205220 2F47726F75703C3C2F547970652F47726F75702F532F5472616E73706172656E63792F43532F44657669636552474223E3E2F546162732F533E3E0D0A656E646F626A0D0A342030206F626A0D0A3C3C2F46696C7465722F466C6174654465636F64….”

You will need to handle the file byte[] returned on your side.

MANDATE DOWNLOAD V2

REQUEST SAMPLE

URL	**Provided URL**/api/mandates/downloadmandateV2/{DocumentGuid} *Example: **Provided URL**/api/mandates/downloadmandateV2/*21c81080-0dbe-4aa6-7684-08dab278e5c1
Method	GET
Headers	Content-Type: **application/octet-stream** Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample
"externalReference": "1-20221020120621", "mandateId": null, "documentGUID": "21c81080-0dbe-4aa6-7684-08dab278e5c1", "actionDate": "2022-10-20T12:06:21.333", "fileData": "JVBERi0xLjcNJeLjz9MNCjcyIDAgb2JqDTw8L0xpbmVhcml6ZWQgMS9MIDIwMzE2My9PIDc0L0UgMTgzNDcxL04gMi9UIDIwMjgyMy9IIFsgNDk4IDIxMF0+Pg1lbmRvYmoNIC..." "fileName": "Softy Comp mandate.pdf"

You will need to handle the file byte[] returned on your side.

PRODUCTS

PRODUCT FIELDS

Field Name	Type	**M/O/C**	Length	Description
Product	DTO		-	Product Data Transfer Object
ProductID	N	M	-	The system ID for the product. Will be used on other requests to uniquely reference the product.
Name	S	M	50	Your Product or Service name.
Description	S	M	250	A description of the product or service you provide.
Price	N	M	-	The default price of your product or service. When a new Collection is added, the amount column will be set to the price specified. If a Collection is edited, the user has the option of leaving the amount unchanged, or setting the amount as per the Product or Service price.
CanEdit	B	M	-	If Can Edit is set to true (yes), you will be able to adjust the amount on the Collections Add or Edit screens/Api call as per Product or Service selected/specified. If set to false (no), you won't be able to adjust the amount. The amount will be set as per the selected Product or Service price.
Active	B	M	-	Will indicate if the Product or Service is currently active or not. Please note: If set to inactive, the Collections with this Product or Service reference will remain active
IsDefault	B	M	-	Your default Product or Service. When a new Collection is added, the default Product or Service will automatically be selected. Only one Product or Service can be set as the default.
Reference	S	M	8	The unique reference for the Product or Service created.

GET PRODUCT LIST

This method allows the user to list all products on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/products/listproducts *Example: **Provided URL**/api/products/listproducts*
Method	GET
Headers	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample

[
  {
    "productId": 2,
    "name": "Test 1",
    "description": "Default Product/Service",
    "price": 0.00,
    "canEdit": true,
    "active": true,
    "isDefault": true,
    “reference”: “SOFTY00000”
  },
  {
    "productId": 1573,
    "name": "Test 2",
    "description": "testing product",
    "price": 50.00,
    "canEdit": false,
    "active": true,
    "isDefault": false,
    “reference”: “SOFTY00001”
  }
]

GET PRODUCT DETAILS

This method allows the user to get a specific product on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/products/getproductdetails/{productID} *Example: **Provided URL**/api/products/getproductdetails/1573*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

RESPONSE SAMPLE

Sample
{
"productId": 1573,
"name": "Test",
"description": "testing product",
"price": 50.00,
"canEdit": false,
"active": true,
"isDefault": false,
“reference”: “SOFTY00000”
}

INSERT PRODUCT

This method allows the user to add a new product on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/products/createproduct
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"productId": 0,
	"name": "Test 2",
	"description": "new testing product for testing",
	"price": 50.00,
	"canEdit": false,
	"active": true,
	"isDefault": false,
	“reference”: “SOFTY00000”
	}

RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Product ID. If it was a new product being created it will return the new Product ID
Success	B	-	Indicates if the Product was saved or not
Messages	DTO	-	Will show a list of errors if Product did not save successfully. Will be empty if product saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample

{
"value": 1574,
"success": true,
"messages": []
}

ERROR RESPONSE

Sample

{
"value": 0,
"success": false,
"messages": [
"Please check that your request object is correct"
]
}

UPDATE PRODUCT

This method allows the user to update a specific client on their profile.

REQUEST SAMPLE

URL	**Provided URL**/api/products/updateproduct
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"productId": 1573,
	"name": "Test",
	"description": "testing product for testing",
	"price": 50.00,
	"canEdit": false,
	"active": true,
	"isDefault": false,
	“reference”: “SOFTY00000”
	}

RESPONSE FIELDS

Field Name	Type	Length	Description
value	N	-	This will contain the Product ID. If it was a new client being created it will return the new Client ID
success	B	-	Indicates if the Product was saved or not
messages	DTO	-	Will show a list of errors if Product did not save successfully. Will be empty if Product saved successfully.

RESPONSE SAMPLE

SUCCESSFUL RESPONSE

Sample


```
{
   "value": 1573,
   "success": true,
   "messages": []
}
```


ERROR RESPONSE

Sample


```
{
   "value": 2,
   "success": false,
   "messages": [
      "Product with ID 2 not found."
   ]
}
```

TRANSACTION OPERATIONS

TRANSACTIONS

TRANSACTION FIELDS

Field Name	Type	Length	Description
TransactionID	N	-	The primary key.
CollectionID	N	-	The collection id the transaction is linked to.
ClientID	N	-	The client id the collection belongs to.
TransactionTypeID	N	-	The type of transaction.
TransactionDate	DT	-	The date of the transaction.
Amount	N	-	The amount.
RunningBalance	N	-	The running balance of the collection at the moment of the transaction.
TotalRunningBalance	N	-	The total running balance of the client transactions at the moment of the transaction.
Reference	S	19	The reference on the client bank statement generated by the system.
GenerationTypeID	N	-	The type of transaction for the generation. Normal, Arrear, Unpaid, Resubmission.
CycleDate	DT	-	The cycle data to the original transaction. NAEDO applicable.
Description	N	-	The description of the transaction status.

GET TRANSACTION LIST BY COLLECTIONID

This method allows the user to retrieve a list of transaction history for a specific collection.

REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
CollectionID	N	M	-	The collection id that the history is searched for.

REQUEST SAMPLE

URL	**Provided URL**/api/transactions/listtransactionsbycollection/{collectionID} *Example: **Provided URL**/api/transactions/listtransactions/164061*
Method	GET
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

RESPONSE SAMPLE

Sample
[{ "transactionID": 123456, "transactionTypeID": 1, "clientID": 1234, "transactionDate": "2022-01-12T00:00:00", "insertionDate": "2022-01-12T13:26:09.573", "amount": -990.00, "runningBalance": 0.00, "collectionID": 2145880, "collectionGenID": null, "reference": "ExampleReference", "sequenceNumber": null, "totalRunningBalance": 0.00, "originalTransactionID": null, "fileSequenceNo": null, "transactionSubmitted": 0, "generationTypeID": 5, "cycleDate": "2022-01-12T00:00:00", "description": "Allocated/Rebalance", "client": null }, { "transactionID": 123456, "transactionTypeID": 1, "clientID": 1234, "transactionDate": "2022-01-12T00:00:00", "insertionDate": "2022-01-12T13:26:09.57", "amount": 990.00, "runningBalance": 990.00, "collectionID": 2145880, "collectionGenID": null, "reference": " ExampleReference ", "sequenceNumber": null, "totalRunningBalance": 990.00, "originalTransactionID": null, "fileSequenceNo": null, "transactionSubmitted": 0, "generationTypeID": 4, "cycleDate": "2022-01-12T00:00:00", "description": "Cash Entry", "client": null }]

GET TRANSACTION LIST BY TRANSACTION DATE

This method allows the user to retrieve a list of transaction history for a specific collection.

REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
TransactionDate	DT	M	-	The applicable Transaction Date.

REQUEST SAMPLE

URL	**Provided URL**/api/transactions/listtransactions/{transactionDate} *Example:* ***Provided URL****/api/transactions/listtransactionsbydate/2015-02-06*
Method	GET
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

RESPONSE SAMPLE

Sample


```
[
  {
     "transactionID": 14954905,
     "transactionTypeID": 7,
     "clientID": 1552372,
     "transactionDate": "2021-04-01T00:00:00",
     "insertionDate": "2021-04-06T06:18:05.463",
     "amount": -387.00,
     "runningBalance": -774.00,
     "collectionID": 2051969,
     "collectionGenID": null,
     "reference": "ExampleReference",
     "sequenceNumber": null,
     "totalRunningBalance": -774.00,
     "originalTransactionID": 14901480,
     "fileSequenceNo": "000000",
     "transactionSubmitted": 1,
     "generationTypeID": 1,
     "cycleDate": "2021-03-31T00:00:00",
     "description": "Payment stopped by account holder",
     "client": []
  },
  {
     "transactionID": 14954904,
     "transactionTypeID": 7,
     "clientID": 1550460,
     "transactionDate": "2021-04-01T00:00:00",
     "insertionDate": "2021-04-06T06:18:05.247",
     "amount": -100.00,
```

```
    "runningBalance": -458.00,
    "collectionID": 2049632,
    "collectionGenID": null,
    "reference": " ExampleReference ",
    "sequenceNumber": null,
    "totalRunningBalance": -458.00,
    "originalTransactionID": 14901359,
    "fileSequenceNo": "000000",
    "transactionSubmitted": 1,
    "generationTypeID": 1,
    "cycleDate": "2021-03-31T00:00:00",
    "description": "Payment stopped by account holder",
    "client": []
  }]
```

GET TRANSACTION LIST BY TRANSACTION DATE RANGE

This method allows the user to retrieve a list of transaction history for a specific date range.

REQUEST SAMPLE

URL	**Provided URL**/api/transactions/listtransactionsbydateRange *Example: **Provided URL**/api/transactions/listtransactionsbydateRange*
Method	GET OR POST
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

Request	{
	“FromDate”:”2015-09-01”
	“ToDate”:”2015-10-31”
	}

RESPONSE SAMPLE

Sample

```
[
  {
    "transactionID": 123,
    "transactionTypeID": 7,
    "clientID": 123,
    "transactionDate": "2015-03-31T00:00:00",
    "insertionDate": "2015-02-04T00:00:00",
    "amount": -1200,
    "runningBalance": -1200,
    "collectionId": 50442,
    "collectionGenId": 1777,
    "reference": "ExampleReference",
    "sequenceNumber": null,
    "totalRunningBalance": -1200,
    "originalTransactionId": null,
```

```
    "fileSequenceNo": null,
    "transactionSubmitted": 1,
    "generationTypeId": 1,
    "cycleDate": "2015-02-06T00:00:00",
    "generationType": null,
    "transactionType": null,
    “description”: “Account Frozen”,
    "client": null
  }
]
```


TRANSACTION FIELDS

Field Name	Type	Length	Description
TransactionID	N	-	The primary key.
TransactionTypeID	N	-	The type of transaction.
ClientID	N	-	The client id the collection belongs to.
TransactionDate	DT	-	The date of the transaction.
InsertionDate	DT	-	The inserted date of the transaction.
Amount	N	-	The amount.
RunningBalance	N	-	The running balance of the collection at the moment of the transaction.
CollectionID	N	-	The collection id the transaction is linked to.
CollectionGenID	N	-	
Reference	S	19	The reference on the client bank statement generated by the system.
SequenceNumber	N	-	
TotalRunningBalance	N	-	The total running balance of the client transactions at the moment of the transaction.
OriginalTransactionID	N	-	
FileSequenceNo	S		
TransactionSubmitted	N	-	
GenerationTypeID	S	19	The type of transaction for the generation. Normal, Arrear, Unpaid, Resubmission.
CycleDate	N	-	The cycle data to the original transaction. NAEDO applicable.
Description	N	-	The description of the transaction status.
Client	S	-	The client details the collection belongs to.

UNPAIDS

UNPAID TRANSACTION FIELDS

Field Name	Type	Length	Description
TransactionID	N	-	The primary key.
CollectionID	N	-	The collection id the transaction is linked to.
ClientID	N	-	The client id the collection belongs to.
TransactionTypeID	N	-	The type of transaction.
TransactionDate	DT	-	The date of the transaction.
Amount	N	-	The amount.
RunningBalance	N	-	The running balance of the collection at the moment of the transaction.
TotalRunningBalance	N	-	The total running balance of the client transactions at the moment of the transaction.
Reference	S	19	The reference on the client bank statement generated by the system.
GenerationTypeID	N	-	The type of transaction for the generation. Normal, Arrear, Unpaid, Resubmission.
CycleDate	DT	-	The cycle data to the original transaction. NAEDO applicable.
UnpaidReasonDescription	S	100	Reason for the unpaid.

GET UNPAIDS BY COLLECTION

This method will return all unpaid transaction within the given date range.

REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
CollectionID	N	M	-	The applicable collection ID.

REQUEST SAMPLE

URL	**Provided URL**/api/transactions/listunpaidsbycollection/{collectionID} *Example: **Provided URL**/api/transactions/listunpaidsbycollection/609887*
Method	GET
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

RESPONSE SAMPLE

Sample

[
  {
    "unpaidReasonDescription": "Not Provided For",
    "transactionId": 4846331,
    "collectionId": 609887,
    "clientId": 444865,
    "transactionTypeId": 7,
    "transactionDate": "2018-05-16T00:00:00",
    "amount": -1180.46,
    "runningBalance": -1180.46,
    "totalRunningBalance": -1180.46,
    "reference": "SOFTY   000035",
    "generationTypeId": 1,
    "cycleDate": "2018-05-15T00:00:00"
  }
]

GET UNPAIDS BY TRANSACTION DATE

This method will return all unpaid transaction within the given transaction date.

REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
transactionDate	DT	M	-	The date of the transaction.

REQUEST SAMPLE

URL	**Provided URL**/api/transactions/listunpaidsbydate/{transactionDate} *Example: **Provided URL**/api/transactions/listunpaidsbydate/2018-05-16*
Method	GET
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

RESPONSE SAMPLE

Sample

[
  {
    “unpaidReasonDescription”: “Not Provided For”,
    “transactionId”: 4846331,
    “collectionId”: 609887,
    “clientId”: 444865,

```
    "transactionTypeId": 7,
    "transactionDate": "2018-05-16T00:00:00",
    "amount": -1180.46,
    "runningBalance": -1180.46,
    "totalRunningBalance": -1180.46,
    "reference": "SOFTY   000035",
    "generationTypeId": 1,
    "cycleDate": "2018-05-15T00:00:00"
  }
]
```

GET UNPAIDS BY TRANSACTION DATE RANGE

This method will return all unpaid transaction within the given date range.

REQUEST SAMPLE

URL	**Provided URL**/api/transactions/listunpaidsbydaterange *Example: **Provided URL**/api/transactions/listunpaidsbydaterange*
Method	GET OR POST
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

Request	{
	"FromDate": "2020-09-01"
	"ToDate": "2020-10-31"
	}

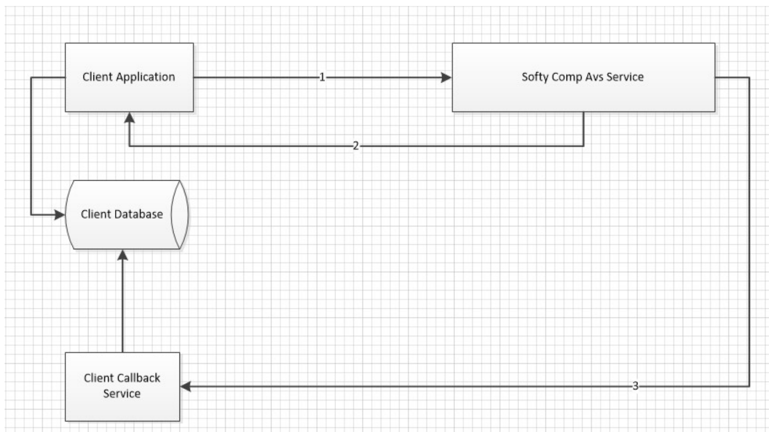
RESPONSE SAMPLE

Sample

```
[
  {
    "unpaidReasonDescription": "Not Provided For",
    "transactionId": 4846331,
    "collectionId": 609887,
    "clientId": 444865,
    "transactionTypeId": 7,
    "transactionDate": "2018-05-16T00:00:00",
    "amount": -1180.46,
    "runningBalance": -1180.46,
    "cycleDate": "2018-05-15T00:00:00"
  }
]
```

AVS OPERATIONS

REQUEST AVS RECORD



This method allows the user to do an AVS check. Please take note that you will be billed per request. Contact Softy Comp for billing and pricing enquiries.

With the AVS you will be required to host a call back service that will receive the response once they are processed and responses are received. Softy Comp will push the response of the request to the call back service via the end-user's choice of communication (SOAP or JSON).

Real-time participants (± 3 minute. responses):

- If real-time channel problems occur, resubmissions occur automatically through Normal banks channel, with delayed responses (± 1h 15m).
- Requests can be made any time.

Normal participants (± 1 hour responses):

- Requests can be made between 3:10 and 16:00. After hour requests receive responses at 3:00.

Participating Banks:

Bank		Avs Normal	AVS Real Time
1	Standard Bank	✓	✓
2	ABSA	✓	✓
3	Nedbank	✓	✓
4	FNB	✓	✓
5	Capitec	✓	✓
6	African Bank	✓	✓
7	Investec	✓	✓

8	Discovery	✓	✓
9	Sasfin	✗	✓
10	Mercantile	✓	✗
11	Grobank (Old Bank of Athens)	✓	✗
12	Bidvest	✓	✗
13	Grindrod	✓	✓

REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
BranchCode	S	M	6	The account number branch code.
AccountNumber	S	M	21	The account number.
AccountTypeID	I	M	-	The account type id.
IDNumber	S	M	13	The ID Number for the account.
Initials	S	M	3	The initials.
Name	S	M	30	The account holder name/surname.
EmailAddress	S	O	60	The account holder email address.
CellNo	S	O	10	The account holder cell phone number.
CallBackUrl	S	M	100	The call back URL to where the results for the record will be pushed to when it comes through.

RESPONSE FIELDS

Field Name	Type	Length	Description
Value	S	-	Will contain the system reference that must be used to match the AVS result when pushed back to the client via the callback url provided by the client.
Success	B	-	Will indicate if AVS was successfully submitted to Soft Comp.
Messages	DTO	-	This will contain a list any error messages that occurred during the AVS Request to Softy Comp.

REQUEST AND RESPONSE SAMPLE

URL	**Provided URL**/api/avs/requestAvsAuthentication
Method	POST
Header	Content-Type: application/json Authorization: Bearer **Bearer Token Generated**

Request	{
	"BranchCode": "012345",
	"AccountNumber": "0123456789",
	"AccountTypeID": 1,
	"IDNumber": "9010305027087",
	"Initials": "J",
	"Name": "Doe",
	"EmailAddress": "Roelof@softycomp.co.za",
	"CellNo": "0722732166",
	"CallBackUrl":
	"https://scoretest.softycomp.co.za/SoftyCompBureauCallbackWCF/SoftyCompBureauCallback.WCF.SoftyCompBureauCallbackService.svc"
	}

Success Response Example	{
	"value": "**1AVS201907111522598876**",
	"success": true,
	"messages": []
	}

Error Response Example	{
	"value": "",
	"success": false,
	"messages": [
	"The provided call back url is not valid!"
	]
	}

CLIENT AVS CALLBACK IMPLEMENTATION GUIDE

EXAMPLE PROJECT

avsrealtimeclientService.zip

The client must implement the "AcceptAvsResponseObjectV2" method (See Example Project) on their side. This can be done in any coding language as long as the url is made available to us. Responses will be sent back as a JSON string but please keep in mind that we can also send the client a SOAP response if that is what they prefer although our preference is JSON.

We will attempt to send the avs response 21 times to the client. If all 21 responses failed to reach the client the response submissions will time out and no further submissions will be attempted. The implemented call back method must send back a Boolean value once the response is received.

Should you require this to be submitted again later (i.e. service came back online again), you can contact us.

If the call back method returns false continuously, or any other error, the following re-send delays will be applied:

1. First 5 Times: 1 minute
2. Next 5 Times: 10 minutes
3. Next 5 Times: 30 minutes
4. Next 5 Times: 1 hour
5. Last try: 24 hours
6. Example Of how **we** would push the data back to the client:

URL	**Client Provided URL as in AVS Request**/AcceptAvsResponseObjectV2 *Example: https://helloworld.co.za/CallbackWCF/AcceptAvsResponseObjectV2*
Method	POST
Header	Content-Type: application/json

Request	{
	"Message": "Response Received",
	"SystemReference": "135AVS201907260145311433",
	"ResponseCode": "0",
	"AccountFound": "Yes",
	"AccountOpen": "Yes",
	"AccountTypeMatch": "Yes",
	"IDMatch": "Yes",
	"InitMatch": "Yes",
	"NameMatch": "Yes",
	"AccountAcceptDebits": "Yes",
	"AccountAcceptCredits": "Yes",
	"AccountLengthMatch": "Yes",
	"ResponseDateTime": "2019-07-26 01:46:34.500",
	"BankName": "CAPITEC BANK LTD",
	"BranchName": "CAPITEC BANK CPC",
	"CellNoMatch": "Yes",
	"EmailAddressMatch": "Yes"
	}

Client Success Response Example	true
Client Error Response Example	false

CDV (CHECK DIGIT VERIFICATION)

REQUEST FIELDS

Field Name	Type	M/O/C	Length	Description
BranchCode	S	M	6	The account number branch code.
AccountNumber	S	M	21	The account number.
AccountTypeID	I	M	-	The account type id.

RESPONSE FIELDS

Field Name	Type	Length	Description
Code	N	6	The code related to an Error if CDV Failed, if CDV check passed this will be 0.
Message	S	max	Message related to the result.
Success	B	-	Indicates if CDV passed or not.

REQUEST SAMPLE

URL	**Provided URL**/api/avs/requestCdv *Example: **Provided URL**/api/avs/requestcdv*
Method	POST
Headers	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"AccountNumber": "0123456789",
	"BranchCode": "12345",
	"AccountTypeID": 1
	}

Success Response Example	{
	"code": 0,
	"message": "Account passed CDV.",
	"success": true
	}

Error Response Example	{
	"code": 95,
	"message": "Account Failed Check Digit Verification.",
	"success": true
	}

GENERATE SCOREONLINE MOBI-MANDATE

This method adds a new ScoreOnline client and collection. Please note that collection rules still apply. Back-end validations will also be done on applicable fields. If the company allows Contract Codes to be automatically generated the **ContractCode** field can be left empty.

REQUEST SAMPLE

URL	*Example:* ***Provided URL****/api/mobimandate/generateScoreOnlineMobiMandate*
Method	POST
Header	Content-Type: application/json Authorization: Bearer Generated Bearer Token

Request	{
	"ClientTypeID": 1,
	"ContractCode": "TEST01",
	"SignatureData":
	"data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAACbIAAAOOCAYAAA",
	"Initials": "C",
	"Surname": "Coetsee",
	"IDNumber": "9409054321081",
	"RegistrationNumber": "12345",
	"AddressTypeID": 1,
	"Address": "122 Willem Botha street",
	"AddressSuburb": "Centurion",
	"AddressTown": "Pretoria",
	"Province": "Gauteng",
	"PostalCode": "0081",
	"HomeTelephoneNumber": "",
	"WorkTelephoneNumber": "",
	"CellphoneNumber": "0798758198",
	"EmailAddress": "Kevin@softycomp.co.za",
	"IsSouthAfricanCitizen": true,
	"AdditionalInfo": "",
	"Deletable": true,
	"CollectionMethodTypeID": 2,
	"CollectionFrequencyTypeID": 1,
	"CommencementDate": "",
	"TransactionDate": "2022-12-08",
	"ExpiryDate": "2022-02-07",
	"DebitDay": "",
	"DebitMonth": "",
	"Amount": "1",
	"ToCollectionAmountTotal": "3",
	"BranchCode": "250520",
	"AccountNumber": "123456789",
	"AccountName": "Calvin Coetsee",
	"TransactionDate2": "",
	"TransactionDate3": "",
	"TransactionDate4": "",
	"CollectionDescription": "",
	"ProductID": 1,
	“ForceHideLogoutButton”: true
	}

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RESPONSE FIELDS

Field Name	Type	Length	Description
Value	N	-	This will contain the Collection ID. If it was a new Collection being created it will return the new Collection ID
Success	B	-	Indicates if the Collection was saved or not.
Messages	DTO	-	Will show a list of errors if Collection did not save successfully. Will be empty if Collection saved successfully

RESPONSE SAMPLES

SUCCESSFUL RESPONSE

Sample

{
"success": true,
"fileName": "940905512308120220103124806192.pdf",
"clientID": 1583235,
"collectionID": 2085824,
"message": "Mandate generated successfully",
"mandateData":
"JVBERi0xLjMNCjEgMCBvYmoNClsvUERGIC9UZXh0IC9JbWFnZUIgL0ltYWdlQyAvSW1hZ2VJXQ0KZW5kb2JqDQo3IDAgb2JqDQo8PCAvTGVuZ3RoIDE4MzAgL0ZpbHRlciAvRmxhdGVEZWNvZGUgPj4gc3RyZWFtDQp4nK1ZyXLbRhC9p8r"
}

ERROR RESPONSE

Sample

{
"success": false,
"fileName": null,
"clientID": null,
"collectionID": null,
"mandateData": null,
"messages": [
"Reason."
]
}

TABLE TYPES AND DEFINITIONS

CLIENT STATUS TYPES

ID	Description
1	Inactive
2	Active
3	Awaiting Approval

CLIENT TYPES

ID	Description
1	Company
2	Individual

ADDRESS TYPES

ID	Description
-1	Not Specified
1	Street
2	Postal
3	P/Bag
4	Post net Suite

COLLECTION STATUS TYPES

ID	Description
1	Active
2	Inactive
3	Expired
4	Awaiting AVS Approval
5	AVS Failed
6	Arrears
7	Suspended
8	Awaiting Mandate Upload

COLLECTION FREQUENCY TYPES

ID	Description
1	Once-Off
2	Monthly
3	Yearly
4	To Collect Amount
5	2x Once-Off
6	4x Once-Off
7	Weekly
8	Fortnightly
9	Quarterly
10	Bi-Annually
11	Adhoc

COLLECTION METHOD TYPES

ID	Description
1	Cash
2	Cheque
3	Credit Card
4	EFT
5	Naedo
11	DebiCheck

ACCOUNT TYPES

ID	Description
1	Cheque
2	Savings
3	Transmission
4	Bond
5	N/A
6	Subscription/Share

NAEDO TRACKING CODES

ID	Description
12	0 Days
13	1 Day
14	3 Days
15	7 Days
16	14 Days
17	21 Days
18	32 Days
19	2 Days
20	4 Days
21	5 Days
22	6 Days
23	8 Days
24	9 Days
25	10 Days

GENERATION TYPES

ID	Description
1	Normal
2	Arrear
3	Resubmission
4	Manual Entry
5	System Entry

TRANSACTION TYPES

ID	Description
1	Cash
2	Cheque
3	Credit Card
4	Debit Order
5	NAEDO
6	Home back
7	Unpaid
8	Arrear Collection
9	Credit Note
10	Negative Entry
11	DebiCheck
13	Refund

Type Description
Account Closed
Account Effects Not Cleared
Account Frozen
Account Holder Deceased
ACCOUNT HOLDER REQUESTED BLOCK
Account In Advance
Account In Liquidation
Account In Sequestration
Account Open - Not Paid Out
Account transferred To Other Bank Group
Account Transferred Within Bank Group
Authorisation Cancelled
Balance Exceeds Maximum
Bond Cancelled
Bridges Error
CDV FAILURE
Client Did Not Authorise Debit
Closed ACB Branch Code
Closed Beneficiary Code
Credits Only. Not Unique Transaction Reference
Credits only. Unrecognised Integrating Party
Data Base Down
Debit Contravenes Client's Authority
DEBITS ARE NOT ALLOWED FOR THIS BRANCH
Debits/Credits Not Allowed
Distribution Upfront Rejection
Exceptions Error
History Record Not Found
HOMING ACC. NO FAILS CDV EXCEPTION CODE
HOMING ACC. NO FAILS CDV VERIFICATION
HOMING ACC. NO IS ZERO
HOMING ACC. NO NO MATCHING ACCT TYPE CDV FOUND
HOMING ACC. NO NO MATCHING ACCTYPE CDV FOUND
HOMING ACC.NAMEIS BLANK
HOMING BRANCH IS NON-EXISTENT
Interest Calculation Error
Interest/Capital Exceeded
Invalid Branch
Invalid Data
Invalid Mode
Limits Violation
New Mortgage Loan Financial Error

New Mortgage Loans Invalid Due Date
No Book Error
No Such Account
No Transfer, Account In Advance
Not FICA Compliant
Not Provided For
Old/New Balances Differ
Online Transaction In Progress
ONLY CR. TRANS-ACTIONS AGAINSTA SAVINGS ACC
Original Tran Not Found
OTR Error/Refer EPSQ History
Override Required
PAAF Insufficient Funds
Payment Stopped
Payment stopped by account holder
Possible Stop Payment
Post Dated Transaction
Previously Stopped As Stop Payment
Recall/Withdrawal
Subscription Amount Required
Successful
Tran Backdated Beyond Limit
Tran on Managers Referral
Transaction Withdrawal
UNPROCESSED BY BANK - PLEASE RESUBMIT

PROVINCES

ID	Description
1	Not Specified
2	Gauteng
3	Eastern Cape
4	Free State
5	KwaZulu-Natal
6	Limpopo
7	Mpumalanga
8	Northern Cape
9	North West
10	Western Cape

GENDERS

ID	Description
1	Not Specified
2	Male
3	Female

MANDATE EXTENSION TYPES

Extension Types
.pdf
.png
.jpg, .jpeg
.mp3, .mp4, .wma
.txt, .eml
.doc, .docx, docm