



Inbound API

Technical Document for Inbound Remittance

Revision History

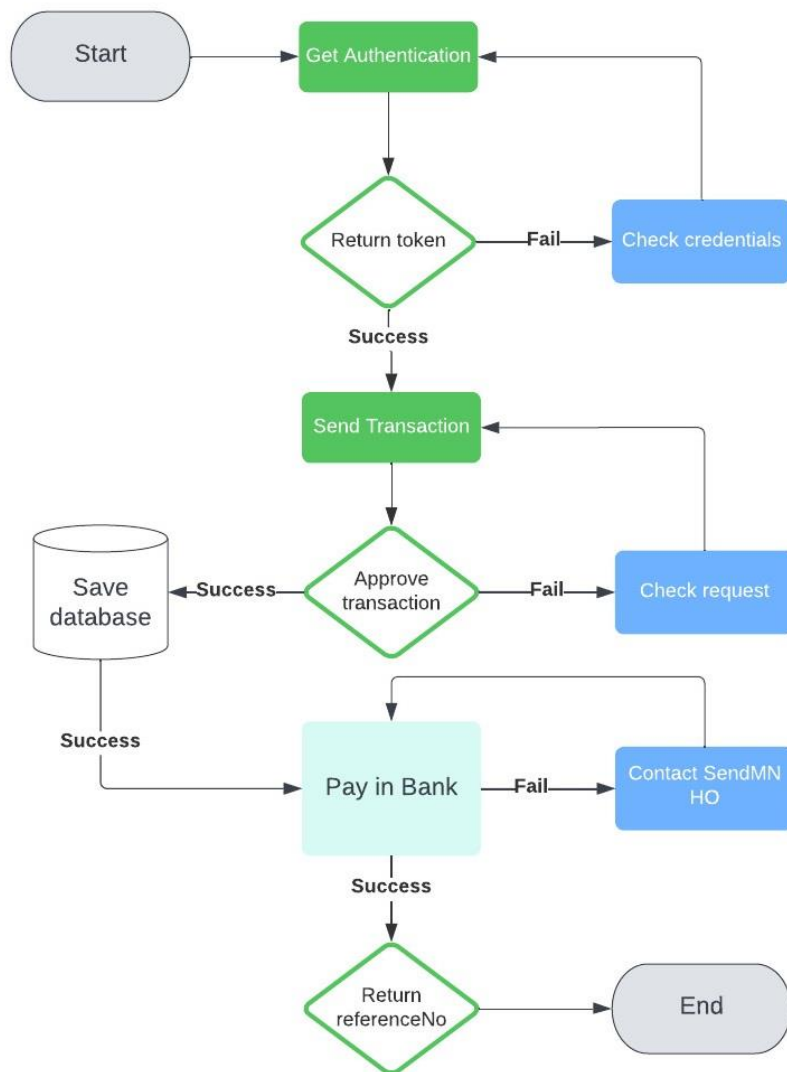
Version Number	Change Reference and Summary	Author	Revised Date
1.0.0	Created	Urjindelger.Ch	2023/06/09
2.0.0	Modified	Urjindelger.Ch	2023/07/04

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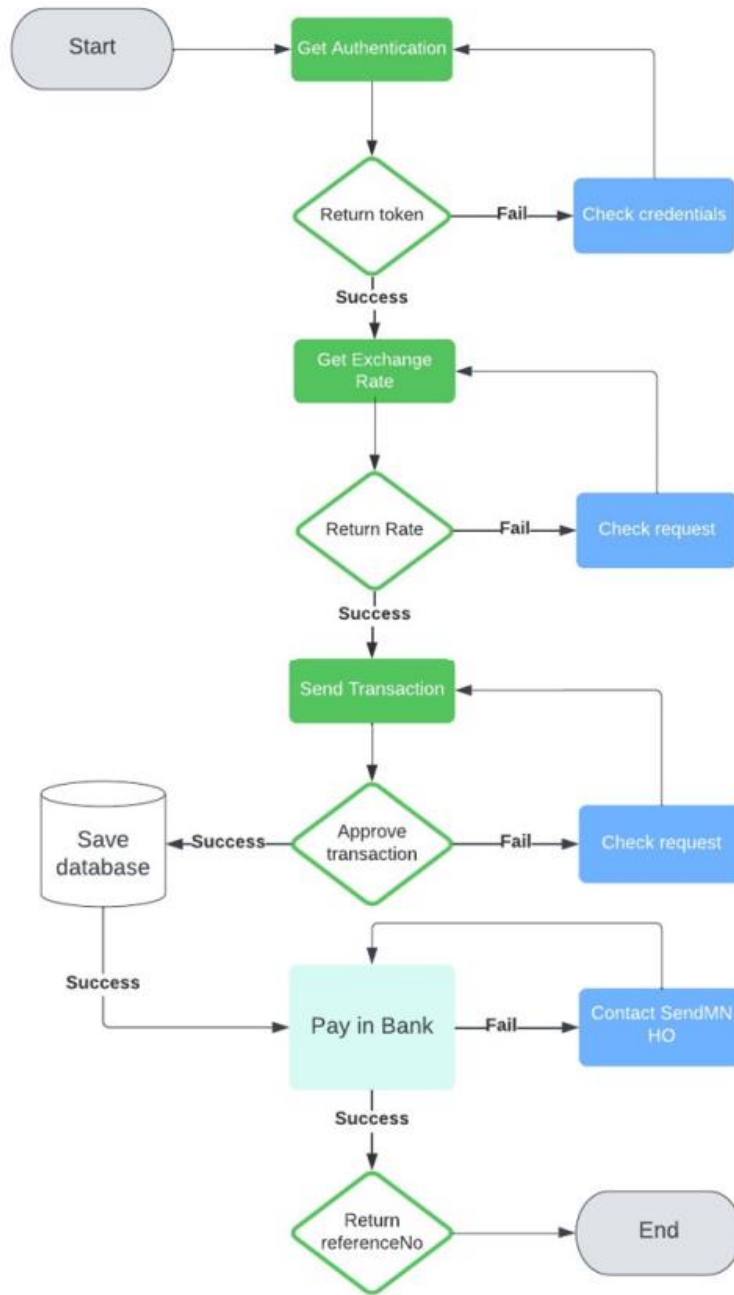
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1. Flowchart of inbound process

Process 1: Send transaction when partner doesn't need to get Sendmn exchange rate.



Process 2: Send transaction when partner getting Sendmn exchange rate in real time.



List of methods, declared in web-service

No.	API	Method	Description
1	Authentication	Authentication	This method gives a SCS (SendMN Core System) session which is to be used to invoke other methods. It's a mandatory function.
2	CalculateExRate	Calculate Exchange rate	The method provides the latest payout agent rate with corresponding payout agent code. It's a optional function based on the arrangement with a partner.
3	SendTxn	Create transaction	Send new transaction information to SCS.
4	ModifyTxn	Modify transaction	This method updates the beneficiary information of a money transfer registered in the SCS service.
5	CancelTxn	Cancel transaction	Try to cancel transaction, SCS only accept the request if the transaction has not been processed.
6	CheckStatusTxn	Check transaction status	This method gives details status of transaction.
7	GetEnumerations	Get Enumeration	This method pulls the list of values available in particular selection parameters.

2. Authentication

This method gives a GME session which is to be used to invoke other methods. It's a mandatory function.

Method	URL
POST	/api/authentication

HTTP Request Header

Header	Description
Content-Type	application/json

Request Parameters

Parameter	Type	Description	Mandatory
Username	String	Username of partner	M
AuthKey	String	Encrypt the authentication key with AES Algorithm (Keys and iv will be shared)	M
AgentCode	String	Partner agent code	M

Request example:

```
{
  "Username": "GIBLAPI",
  "AuthKey": "qaPoeT1YoglvWXIUrhI3jw==",
  "AgentCode": "EXAMPLE10042"
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	The value used while calling other methods
Token	Details required for authentication
Note	Information for token expiry

Response Example:

```
{
  "Code": "0", "Message": "0:",
  "ProcessIdentifier": "1D4BBBC5-B738-4275-85C8-26F03A93DB24",
  "Detail": {
    "Token": "o28LSvFt3hUqR9B8i6cdzd7/BL0BI5KTnY8iKbeWKcEfYBerxWh3OpkNLigH63srq
324 UgzAsW1cJ+yE7fpiKWfo7yTM8MzsT+ZaWqlzALDUD8cTb/sFj53iqTacgq7zRcgieExPR
KGXb45Lvllrff6Hbge5Of2h3hbm5CpptUpJK4cmXHR1FOtfc902a2kGouE5AkF9PAilip
EmXuZw48S/1M8qQfOb4ZDT0RB7EEabj+570hOVKLWDyaTJVpnwpURj/bNvKRVY4iVWr
UO m2xSR1waZ+3FV/TTulDrsAkoVpvyN1nlkSTyIJ4q6Jolu07vD5khhXj6gXpWlso8HHOOB
nEwHGwlo8LOWVof3U7I07ROmcrS8PIkaYFE+XiOxFf764YBcFjrLOsmTeCVO0C9GMli+g
xARw6V/Kjh1pbg6ZAp1rgB91kP+gUXB4Hxk/d+uPKBL6v3M6w/IHxwgyLy/fnleXoaDtH
TAWlu03qSMl4RWuSwSAIWn0Yn+XQtA",
    "Note": "Token will only be Valid for 5 minutes."
  }
}
```

3. HTTP Header

All the HTTP request and response headers shall contain the followings elements:

Parameter	Type	Description	Mandatory
Content-Type	application/json	The Content-Type is defined as [RFC 7213	M
Authorization	String	Generated token from Authentication request	M
Username	String	Username of partner	M
AgentCode	String	Partner agent code	M

Example:

	Key	Value
<input checked="" type="checkbox"/>	UserName	{{agentName}}
<input checked="" type="checkbox"/>	AgentCode	{{agentCode}}
<input checked="" type="checkbox"/>	Authorization	ffF1ISwNsQXaSMxS5TpPSEHVPN28EDHCzupCfIPGPasJM0psMRO+...
<input checked="" type="checkbox"/>	Content-Type	application/json

4. Calculate Exchange rate

The method provides the latest payout agent rate with corresponding payout agent code. It's a optional function based on the arrangement with a partner.

Method	URL
POST	/api/CalculateExRate

Request Parameters

Parameter	Type	Description	Mandatory
ReceivingCountry	String	Payout country code	M
SendingCountry	String	Sending country code	M
ReceivingCurrency	String	Payout currency code	M
Signature	String	Signature of method	M
ProcessIdentifier	String	Unique process ID(GUID) from authentication response	M

Signature: Username + AgentCode + SendingCountry + ReceivingCountry + ReceivingCurrency + ProcessIdentifier

Request example:

```
{  
  
  "Body": {  
    "ReceivingCountry": "MY",  
    "SendingCountry": "NP",  
    "ReceivingCurrency": "MNT"  
  },  
}
```

```
"Signature": "1QS25OE3HI2ZtQ/uXloNOMeSvGnflixUwhN7F6GQiXAo3EtRDWew1s1M7Kg8b+2jF
mySc082nzJ/e6GdxbHf6wyQ4x9Z7gPNYujktVcHdD4=",
"ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7"
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
SendingCountry	Sending country code
ReceivingCountry	Receiving country code
ReceivingCurrency	Receiving currency code
Rate	Exchange rate for partner
ForexSession	Forex session generated during exchange rate calculation

Response Example:

```
{
  "Code": "IB1013",
  "Message": "Ex-Rate calculated successfully",
  "ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7",
  "Detail": {
    "SendingCountry": "NP",
    "ReceivingCountry": "MY",
    "ReceivingCurrency": "MNT",
    "Rate": "1142.49",
    "ForexSession": "C80D14E3-0C34-4748-B0FD-3BFB69AA9BF5"
  }
}
```

5. Create transaction

This method initiates new transaction to the payout agent. It's a mandatory function.

Method	URL
POST	/api/sendTxn

Request Parameters

Parameter Group	Parameter	Type	Description	Mandatory
Sender	TransferReason	String	Purpose of transfer	M
	FundSource	String	Source of fund of sender country	M
	FirstName	String	First name of sender	M
	MiddleName	String	Middle name of sender	O
	LastName	String	Last name of sender	M
	NativeCountry	ISO alpha 2 Country Code[MN,KR]	Native country of sender	M
	City	String	Sender's city	O
	Address	String	Sender address	M
	IdType	String	ID type of sender	M
	idNumber	String	ID number of sender	M
	Mobile	String	Mobile number of sender	M
	Email	String	Email address of sender	O
	Bank	String	Receiver bank code	M

Receiver	AccountNo	String	Receiver bank account number	M
	Relation	String	Relation with sender	M
	FirstName	String	First name of beneficiary	M
	MiddleName	String	Middle name of beneficiary	O
	LastName	String	Last name of beneficiary	M
	NativeCountry	ISO alpha 2 Country Code[MN,KR]	Native country of beneficiary	O
	City	String	Receiver's city	O
	Address	String	Receiver's address	M
	Mobile	String	Receiver's mobile number	M
Detail	ForexSessionId	String	Forex session generated during exchange rate calculation	M
	PartnerTranNo	Number	Partner transaction number	M
	PaymentMethod	String	Mode of payment	M
	SendingAmount	Money	Sending amount by customer	M
	SendingCurrency	ISO alpha 2 Country Code[MN,KR]	Sending currency code	M
	SendingCountry	String	Sending Country	M
	ReceivingAmount	Money	Receivable amount by the Receiver	M
	ReceivingCurrency	ISO alpha 2 Country Code[MN,KR]	Receiving currency code	M
	ReceivingCountry	String	Receiving Country	M
	ExRate	Money	Exchange rate of transaction	M
	Signature	String	Signature of method	M
	ProcessIdentifier	String	Process ID (GUID)	M

Signature: Username + AgentCode + Sender.TransferReason + Sender.FundSource + Sender.FirstName + Sender.MiddleName + Sender.LastName + Sender.NativeCountry + Sender.City + Sender.Address + Sender.IdType + Sender.IdNumber + Sender.Mobile + Sender.Email + Receiver.Bank + Receiver.AccountNo + Receiver.Relation + Receiver.FirstName + Receiver.MiddleName + Receiver.LastName + Receiver.NativeCountry + Receiver.City + Receiver.Address + Receiver.Mobile + + Detail.ForexSSessionId + Detail.PartnerTranNo + Detail.PaymentMethod + Detail.SendingAmount+ Detail.SendingCurrency + Detail.SendingCountry + Detail.ReceivingAmount + Detail.ReceivingCurrency + Detail.ReceivingCountry + Detail.ExRate + ProcessIdentifier

Request example:

```
{
  "Body": {
    "Sender": {
      "TransferReason": "Payment",
      "FundSource": "Salary",
      "FirstName": "SAROJ",
      "MiddleName": "KUMAR",
      "LastName": "CHALISE",
      "NativeCountry": "NP",
      "City": "KATHMANDU",
      "Address": "SEOUL",
      "IdType": " National ID",
      "IdNumber": "12345678987654",
      "Mobile": "9849079513",
      "Email": "saroj.chalise@gmeremit.com"
    },
    "Receiver": {
      "Bank": "394685",
      "AccountNo": "5431109819",
      "Relation": "Business Partner",
      "FirstName": "BAT",
      "MiddleName": " ",
      "LastName": "BOLD",
      "NativeCountry": "MY",

```

```
    "City": "ULAANBAATAR",
    "Address": "SBD",
    "Mobile": "99990000"
  },
  "Detail": {
    "ForexSSessionId": "E1F49678-F67B-4539-A914-3BC1E91582C3",
    "PartnerTranNo": "10",
    "PaymentMethod": "Bank deposit",
    "SendingAmount": "1340561.52",
    "SendingCurrency": "NPR",
    "SendingCountry": "NP",
    "ReceivingAmount": "13709880.00",
    "ReceivingCurrency": "MNT",
    "ReceivingCountry": "MY",
    "ExRate": "1142.49"
  }
},
"Signature": "1QS25OE3HI2ZtQ/uXloNOq1bbY8RBA1CxTkZt+K+IgOhiKcP2adphD+AEAPIdGNVQir4
IPR+vFYyKHkyjAUysIDJzvUizlhYQx8olsfAYixTODApf4vPVllgd6Z1N/kgZF9JXP7PM
UwvkjYZpfCRJj6IJKSjDs+XW/k9mbKMXcjh/GuvnVsdAFI87Hr5kLMO0laYKsaJeGvC4Page 11 of
27 nKUIZIPZ71eaWRLEcksGxZq0In9fLh5tNzMMxXHWXWr1uu9i9tfr1SsH36VOaGfxpiGJ+
HzFfoquYIJ0styEYrT46cDZuXYEehAxySy83elpBAefLJL4rvBbZ3eDDVSCHcXfRaby0b
NNyrcq4eoRcgQusj37ZG++HAKWkiefG5K/Pcw137",
"ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7"
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	Process ID (GUID)
ControlNo	PIN number of transaction
PartnerTranNo	Partner transaction number

Response Example:

```
{
  "Code": "IB1055",
  "Message": "Send transaction success",
  "ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7",
  "Detail": {
    "ControlNo": "SM801764166",
    "PartnerTranNo": "10"
  }
}
```

6. Modify Transaction

This method updates the beneficiary information of a money transfer registered in the partner.

Method	URL
POST	/api/ModifyTxn

Request Parameters

Parameter Group	Parameter	Type	Description	Mandatory
	ControlNo	String	Pin number of transfer	M
	PartnerTranNo	String	Partner transaction number	M
Sender	FirstName	String	First name of sender	O
	MiddleName	String	Middle name of sender	O
	LastName	String	Last name of sender	O
	IdType	String	ID type of sender	O
	idNumber	String	ID number of sender	O
	FirstName	String	First name of beneficiary	O
Receiver	MiddleName	String	Middle name of beneficiary	O
	LastName	String	Last name of beneficiary	O
	Bank	String	Receiver bank code	O
	AccountNo	String	Receiver bank account number	O
	Mobile	String	Receiver's mobile number	O

	Signature	String	Signature of method	M
	ProcessIdentifier	String	Process ID (GUID)	M

Signature: Username + Agentcode + ControlNo + PartnerTranNo + Sender.FirstName + Sender.MiddleName + Sender.LastName + Sender.IdType + Sender.IdNumber + Receiver.FirstName + Receiver.MiddleName + Receiver.LastName + Receiver.Bank + Receiver.AccountNo + Receiver.Mobile + ProcessIdentifier

Request example:

```
{
  "Body": {
    "ControlNo": "SM801536895",
    "PartnerTranNo": "10", "Sender":
    "Sender": {
      "FirstName": "KAMALAA",
      "MiddleName": "",
      "LastName": "KHATRI",
      "IdType": "National ID",
      "IdNumber": "112233"
    },
    "Receiver": {
      "FirstName": "BAT",
      "MiddleName": " ",
      "LastName": "BOLD",
      "Bank": "394685",
      "AccountNo": "5431109819",
      "Mobile": "99990000"
    }
  },
  "Signature":
  "1QS25OE3HI2ZtQ/uXloNOqX6UPmn/D7Gmkl8gsX6AGqV6q2ybRFUwB0dnl6hSDieD1ny
  /cccCD9bCa9vJvSNR9cCfyuHt/KDXSZCR4mQktq6792hYwXDA9sP4ygXVCd22LuhEkE2v
  LQcY2J4r6RLyPKOZTVRV9AalxI21AisPZZ9vYuHgi0kJvVZQEPSBXIs",
  "ProcessIdentifier": "7AD5922A-29C0-4425-875D-15B424939DBC"
```

```
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	Process ID(GUID)
ControlNo	PIN number of transaction
PartnerTranNo	Partner transaction number
TranDate	Transaction date(YYYY-MM-DD)

Response Example:

```
{  
  "Code": "IB1062",  
  "Message": "Modify transaction success",  
  "ProcessIdentifier": "7AD5922A-29C0-4425-875D-15B424939DBC",  
  "Detail": {  
    "ControlNo": "80153689586",  
    "PartnerTranNo": 10,  
    "TranDate": "4/10/2021 3:39:15 PM"  
  }  
}
```

7. Cancel transaction

This method cancels the transaction created for particular payout partner.

Method	URL
POST	/api/CancelTxn

Request Parameters

Parameter Group	Parameter	Type	Description	Mandatory
Head	Username	String	Username of partner	M
	AgentCode	String	Partner agent code	M
	ControlNo	String	Pin number of transaction	M
	Reason	String	Transaction cancel reason	M
	Signature	String	Signature of	M
	ProcessIdentifier	String	Process ID (GUID)	M

Signature: Username + AgentCode + ControlNo + Reason + ProcessIdentifier

Request example:

```
{
  "Body": {
    "ControlNo": "80153689586",
    "Reason": "Mistake transaction"
  },
  "Signature":
  "1QS25OE3HI2ZtQ/uXloNOqX6UPmn/D7Gmkl8gsX6AGqn1VpbsW9gaRsRt6XKbjGKQ7qo
  A8Qcrwy/y5LqSWbALR3iyii4SI7amOksxahc2B1f3rfN/qCKDBLxvw74joywNfvFT9/qR"
```

```
ZU6Zu/8GM6lpA==",  
  "ProcessIdentifier": "7AD5922A-29C0-4425-875D-15B424939DBC"  
}
```

Response parameters

Parameter	Description
Username	Username of the partner
AgentCode	Agent code of partner
ControlNo	PIN number of transaction
PartnerTranNo	Partner transaction number
TranDate	Transaction created date(YYYY-MM-DD)
Signature	Signature of the method
ProcessIdentifier	Process ID(GUID)

Response Example:

```
{  
  "Code": "IB1066",  
  "Message": "Cancel transaction success",  
  "ProcessIdentifier": "7AD5922A-29C0-4425-875D-15B424939DBC",  
  "Detail": {  
    "ControlNo": "SM801536895",  
    "PartnerTranNo": "10",  
    "TranDate": "4/10/2021 3:39:15 PM"  
  }  
}
```

8. Check transaction status

This method gives details status of transaction.

Method	URL
POST	/api/CheckStatusTxn

Request Parameters

Parameter Group	Parameter	Type	Description	Mandatory
Head	Username	String	Username of partner	M
	AgentCode	String	Partner agent code	M
Body	ControlNo	String	Pin number of transfer	M
	Signature	String	Signature of	M
	ProcessIdentifier	String	Process ID (GUID)	M

Signature: Username + AgentCode + ControlNo + ProcessIdentifier

Request example:

```
{
  "Body": {
    "ControlNo": "SM80176416622"
  },
  "Signature":
  "1QS25OE3HI2ZtQ/uXloNolwGaUxc68ZT9FjhuomhCliwx5GPzEfD/6DEWhKk/E/drMk3
  KtWlfyMUXa/rpzhNWeo+0WHPL6rsRy26Vosp5Jo=",
  "ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7"
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	Partner unique process ID(GUID)
ControlNo	PIN number of transaction
PartnerTranNo	Partner transaction number
Status	Transaction status
TranDate	Transaction created date(YYYY-MM-DD)
PaidDate	Transaction paid date(YYYY-MM-DD)
CancelledDate	Transaction cancelled date(YYYY-MM-DD)
CancelApprovedDate	Transaction cancel approved date(YYYY-MM-DD)
CancelReason	Transaction cancel reason

Response Example:

```
{
  "Code": "IB1061",
  "Message": "Check status success",
  "ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7",
  "Detail": {
    "ControlNo": "SM80176416622",
    "PartnerTranNo": "10",
    "Status": "UNPAID",
    "TranDate": "Oct 4 2023 1:39 PM",
    "PaidDate": "",
    "CancelledDate": ""
    "CancelRequestDate": " Oct 4 2023 3:39 PM ",
    "CancelReason": "us dollar account", }}
}
```

9. Bill Payment

This method initiates new transaction to the payout agent. It's a mandatory function.

Method	URL
POST	/SendPayAPI/SendPay

Request Parameters

Parameter Group	Parameter	Type	Description	Mandatory
Sender	TransferReason	String	Purpose of transfer	M
	FundSource	String	Source of fund of sender country	M
	FirstName	String	First name of sender	M
	MiddleName	String	Middle name of sender	O
	LastName	String	Last name of sender	M
	NativeCountry	ISO alpha 2 Country Code[MN,KR]	Native country of sender	M
	City	String	Sender's city	O
	Address	String	Sender address	M
	IdType	String	ID type of sender	M
	idNumber	String	ID number of sender	M
	Mobile	String	Mobile number of sender	M
	Email	String	Email address of sender	O

ReceiverCode		String	Receiver code	
TxnDescription	payerFirstNama	String	Type's code	M
	payerLastName	String		M
	payerRegister	String		M
	payerPhone	String		O
	payerEmail	String		M
	contractNumber	ISO alpha 2 Country Code[MN,KR]		O
	deviceNumber	String		
	setNumber	String		O
	cardNumber	String		M
	schoolClass	String		M
	studentCode	String		M
Detail	ForexSessionId	String	Forex session generated during exchange rate calculation	M
	PartnerTranNo	Number	Partner transaction number	M
	PaymentMethod	String	Mode of payment	M
	SendingAmount	Money	Sending amount by customer	M
	SendingCurrency	ISO alpha 2 Country Code[MN,KR]	Sending currency code	M
	SendingCountry	String	Sending Country	M
	ReceivingAmount	Money	Receivable amount by the Receiver	M

	ReceivingCurrency	ISO alpha 2 Country Code[MN,KR]	Receiving currency code	M
	ReceivingCountry	String	Receiving Country	M
	ExRate	Money	Exchange rate of transaction	M
Signature		String	Signature of method	M
ProcessIdentifier		String	Process ID (GUID)	M

signature = Head.Username+ Head.AgentCode+ Sender.TransferReason + Sender.FundSource + Sender.FirstName + Sender.MiddleName + Sender.LastName + Sender.NativeCountry + Sender.City + Sender.Address + Sender.IdType +Sender.IdNumber + Sender.Mobile + Sender.Email +ReceiverCode + TxnDescription.payerFirstName + TxnDescription.payerLastName + TxnDescription.payerRegister + TxnDescription.payerPhone + TxnDescription.payerEmail + TxnDescription.contractNumber + TxnDescription.deviceNumber + TxnDescription.setNumber + TxnDescription.cardNumber + TxnDescription.schoolClass + TxnDescription.studentCode + Detail.ForexSSessionId + Detail.PartnerTranNo + Detail.PaymentMethod +Detail.SendingAmount + Detail.SendingCurrency +Detail.SendingCountry + Detail.ReceivingAmount + Detail.ReceivingCurrency + Detail.ReceivingCountry + Detail.ExRate + ProcessIdentifier;

Request example:

```
{
  "Body": {
    "Sender": {
      "TransferReason": "Payment",
      "FundSource": "Salary",
      "FirstName": "SAROJ",
      "MiddleName": "KUMAR",
      "LastName": "CHALISE",
      "NativeCountry": "NP",
      "City": "KATHMANDU",
      "Address": "SEOUL",
      "IdType": " National ID",
      "IdNumber": "12345678987654",
```

```
"Mobile": "9849079513",
  "Email": "saroj.chalise@gmeremit.com"
},
"ReceiverCode": "PM01",
"TxnDescription": {
  "payerFirstName": "",
  "payerLastName": "",
  "payerRegister": "",
  "payerPhone": "89117305",
  "payerEmail": "",
  "contractNumber": "TT123456789",
  "deviceNumber": "DD7785412364",
  "setNumber": "S1",
  "cardNumber": "11582",
  "schoolClass": "Мэдээллийн систем",
  "studentCode": "SW10D202"
},
"Detail": {
  "ForexSSessionId": forexSessionId,
  "PartnerTranNo": "123456789",
  "PaymentMethod": "Bank Deposit",
  "SendingAmount": sendingAmount.toString(),
  "SendingCurrency": "MNT",
  "SendingCountry": "K1",
  "ReceivingAmount": receivingAmount.toString(),
  "ReceivingCurrency": "MNT",
  "ReceivingCountry": "MN",
  "ExRate": exRate}
},
"Signature": "1QS25OE3HI2ZtQ/uXloNOq1bbY8RBA1CxTkZt+K+IlgOhiKcP2adphD+AEAPIdGNVQir4
IPR+vFYYkHkyjAUYSIDJzvUizlhYQx8olsfAYixTODApf4vPVllgd6Z1N/kgZF9JXP7PM
UwvjkYZpfCRJj6IJKsJds+XW/k9mbKMxcjh/GuvnVsdAFI87Hr5kLMO0laYKsaJeGvC4Page 11 of 27
Inbound Remittance Functional Description
nKUIZIPZ71eaWRLEcksGxZq0In9fLh5tNzMMxXHWXWr1uu9i9tfr1SsH36VOaGfxpiGJ+
HzFfoquYIJ0styEYrT46cDZuXYEehAxySy83elpBAefLJL4rvBbZ3eDDVSCHcXfRaby0b
NNyrcq4eoRcgQusj37ZG++HAKwkiefG5K/Pcw137",
"ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7"
```

```
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	Process ID (GUID)
ControlNo	PIN number of transaction
PartnerTranNo	Partner transaction number

Response Example:

```
{
  "Code": "0",
  "Message": "Send transaction success!",
  "ProcessIdentifier": "749f0caa-0b92-4fa6-9106-771fc4789db4",
  "Detail": {
    "ControlNo": "1019615385240",
    "PartnerTranNo": "123456789"
  }
}
```

BILLS				
PaymentType	Group	ReceiverName	ReceiverCode	Mandatory Field
P001	Phone fee	Mobicom	PM01	PayerPhone
		Unitel	PM02	PayerPhone
		Skytel	PM03	PayerPhone
		Gmobile	PM04	PayerPhone
P002	Data	Unitel	PD01	PayerPhone
		Gmobile	PD02	PayerPhone
P003	Internet fee	Univision	PI01	ContractNumber
		Mobinet	PI02	PayerPhone
		Skynet	PI03	PayerPhone
		Ger internet	PI04	DeviceNumber
		Ddish	PI05	SetNumber, CardNumber
P004	Web fee	Voo	PW01	ContractNumber
		Mongolsat	PW02	DeviceNumber
		ORI	PW03	PayerPhone, PayerEmail
P006	Electricity bills	Khanbank	PG01	ContractNumber
		State bank	PG02	ContractNumber
		Trade and Development bank	PG03	ContractNumber
		Golomt bank	PG04	ContractNumber
		Khas bank	PG05	ContractNumber
P009	Leasing	iLease	PL01	PayerRegister, FirstName, LastName

INSURANCE						
PaymentType	Group	ParentCode	City	ReceiverName	Receiver Code	Mandatory field
P007	Social insurance	PN00	Ulaanbaatar	Bayangol	ND001	PayerRegister PayerPhone
				Bayanzurkh	ND002	PayerRegister PayerPhone
				Baganuur	ND003	PayerRegister PayerPhone

				Bagakhangai	ND004	PayerRegister PayerPhone
				Nalaikh	ND005	PayerRegister PayerPhone
				Songinokhairkhan	ND006	PayerRegister PayerPhone
				Sukhbaatar	ND007	PayerRegister PayerPhone
				Khan-Uul	ND008	PayerRegister PayerPhone
				Chingeltei	ND009	PayerRegister PayerPhone
P008	Health insurance	PE00	Ulaanbaatar	Bayangol	ED001	PayerRegister PayerPhone
				Bayanzurkh	ED002	PayerRegister PayerPhone
				Baganuur	ED003	PayerRegister PayerPhone
				Bagakhangai	ED004	PayerRegister PayerPhone
				Nalaikh	ED005	PayerRegister PayerPhone
				Songinokhairkhan	ED006	PayerRegister PayerPhone
				Sukhbaatar	ED007	PayerRegister PayerPhone
				Khan-Uul	ED008	PayerRegister PayerPhone
				Chingeltei	ED009	PayerRegister PayerPhone

10. Get Enumerations

This method pulls the list of values available in particular selection parameters.

Method	URL
POST	/api/GetEnumerations

Request Parameters

ParameterGroup	Parameter	Type	Description	Mandatory
Body	Type	String	Type of enumeration	M
	ParentCode	String	City/Province code	M

Signature= Username + AgentCode + Type + ParentCode

Parameter	Request code
Payment type	01
Parent code	02
Receiver name	03
Receiver code	04
Mandatory field	05

Request example:

ID Type:

```
{
  "Head": {
    "Username": "GIPLAPI",
    "AgentCode": " EXAMPLE10042"
  },
}
```

```
"Body": {  
  "Type": "01"  
}  
}
```

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	Process ID(GUID)
Enums	Enumerations

Response Example:

```
{  
  "Code": "IB1064",  
  "Message": "get enum success",  
  "ProcessIdentifier": "wertysdfsuiop777&uiop3456789", "Detail":  
  {  
    "Enums": {  
      "P001": "Phone fee",  
      "P002": "Data",  
      "P003": "Internet fee",  
      "P004": "Web fee"  
      "P006": "Electricity bill"  
      "P007": "Social insurance"  
      "P008": "Health insurance"  
      "P009": "Leasing"  
    }  
  }  
}
```

ID Type:

```
{
  "Head": {
    "Username": "GIPLAPI",
    "AgentCode": " EXAMPLE10042"
  },
  "Body": {
    "Type": "02"
  }
}
```

Parent code:

```
{
  "Code": "IB1064",
  "Message": "get enum success",
  "ProcessIdentifier": "wertysdfsuiop777&uiop3456789", "Detail":
  {
    "Enums": {
      "Social insurance": "PN00"
      "Health insurance": "PE00"
    }
  }
}
```

ID Type:

```
{
  "Head": {
    "Username": "GIPLAPI",
    "AgentCode": " EXAMPLE10042"
  },
  "Body": {
    "Type": "03"
  }
}
```


Receiver name:

```
{
  "Code": "IB1064",
  "Message": "get enum success",
  "ProcessIdentifier": "wertysdfsuiop7778uiop3456789", "Detail": {
    "Enums": {
      "PN00": "Bayangol", "Bayanzurkh",
        "Baganuur", "Bagakhangai", "Nalaikh",
        "Songinokhairkhan", "Sukhbaatar", "Khan-Uul", "Chingeltei"
      "PE00": "Bayangol", "Bayanzurkh",
        "Baganuur", "Bagakhangai", "Nalaikh",
        "Songinokhairkhan", "Sukhbaatar", "Khan-Uul", "Chingeltei"
    }
  }
}
```

ID Type:

```
{
  "Head": {
    "Username": "GIPLAPI",
    "AgentCode": "EXAMPLE10042"
  },
  "Body": {
    "Type": "04"
  }
}
```

Receiver code:

```
{
  "Code": "IB1064",
  "Message": "get enum success",
  "ProcessIdentifier": "wertysdfsuiop7778uiop3456789", "Detail":
  {
    "Enums": {
      "Bayangol": "ND001",
      "Bayanzurkh": "ND002 "
    }
  }
}
```

```
"Baganuur": "ND003",  
"Bagakhangai": "ND004",  
"Nalaikh": "ND005",  
"Songinokhairkhan": "ND006",  
"Sukhbaatar": "ND007",  
"Khan-Uul": "ND008",  
"Chingeltei": "ND009",
```

```
    }  
  }  
}
```

ID Type:

```
{  
  "Head": {  
    "Username": "GIPLAPI",  
    "AgentCode": "EXAMPLE10042"  
  },  
  "Body": {  
    "Type": "05"  
  }  
}
```

Mandatory field:

```
{  
  "Code": "IB1064",  
  "Message": "get enum success",  
  "ProcessIdentifier": "wertysdfsuiop777&uiop3456789", "Detail":  
  {  
    "Enums": {  
      "ND001": " PayerRegister, PayerPhone",  
      "ND002": " PayerRegister, PayerPhone",  
      "ND003": " PayerRegister, PayerPhone",  
      "ND004": " PayerRegister, PayerPhone",  
      "ND005": " PayerRegister, PayerPhone",  
      "ND006": " PayerRegister, PayerPhone",  
      "ND007": " PayerRegister, PayerPhone",
```

```

        "ND008": " PayerRegister, PayerPhone",
        "ND009": " PayerRegister, PayerPhone",
    }
}
}

```

11. Leasing Request

This method updates the beneficiary information of a money transfer registered in the partner.

Method	URL
POST	/api/SendPayAPI/iLease

Request Parameters

Parameter Group	Parameter	Type	Description	Mandatory
Body	PayerRegister	String	Payer register number	M
	FirstName	String	Payer first name	M
	LastName	String	Payer last name	M
	PayerPhone	String	Payer phone number	M
	PayerEmail	String	Payer e-mail address	M
	PayerCountry	String	Country where payer lives in	M
	PayerCity	String	City where payer lives in	M

VisaType	String	Payer's visa type	M	
TimeStay	String	Duration of payer's stay	M	
PayerWork	String	Payer's job title	M	
MonthSalary	String	Payer's salary	M	
District	String	9 districts of Ulaanbaatar city	M	
Square	String	Square m2 of apartment	M	
Room	String	Number of rooms	M	
Price	String	Price of the apartment	M	
	Description	String	Payer's request	M
	Signature	String	Signature of method	M
	ProcessIdentifier	String	Process ID (GUID)	M

Signature = Head.Username+ Head.AgentCode+ Body. PayerRegister + Body. FirstName + Body. LastName + Body. PayerPhone + Body. PayerEmail + Body. PayerCountry + Body.PayerCity + Body.VisaType + Body.TimeStay + Body.PayerWork + Body.MonthSalary + Body. District + Body. Square + Body. Room + Body.Price + Body.Description + ProcessIdentifier

Request example:

```
{
  "Body": {
    "ControlNo": "SM801499187",
    "PartnerTranNo": "10",
    "IsApproved": true
  },
  "Signature":
```

```
"1QS25OE3HI2ZtQ/uXlOoNolwGaUxc68ZT9FjhuomhClhbOrQWeoBti9kiX+PtwwsP8n2D
bOe1G2d9JwQ5C3vJAwGJsfMtnCMPLoe0WY32CBk=",
"ProcessIdentifier": "92C5D161-4CBB-4DE7-990E-4AF64763E6D7"
}
```

Response parameters

Parameter	Description
Code	Error code defines the response status of method
Message	Response message that defines the response status of method
ProcessIdentifier	Process ID (GUID)

Response Example:

```
{
  "Code": "IB1055",
  "Message": "Success",
  "ProcessIdentifier": "wertysdfsuiop7778uiop3456789", }
}
```