1-2-3 Developers' Reference
Integration Manual
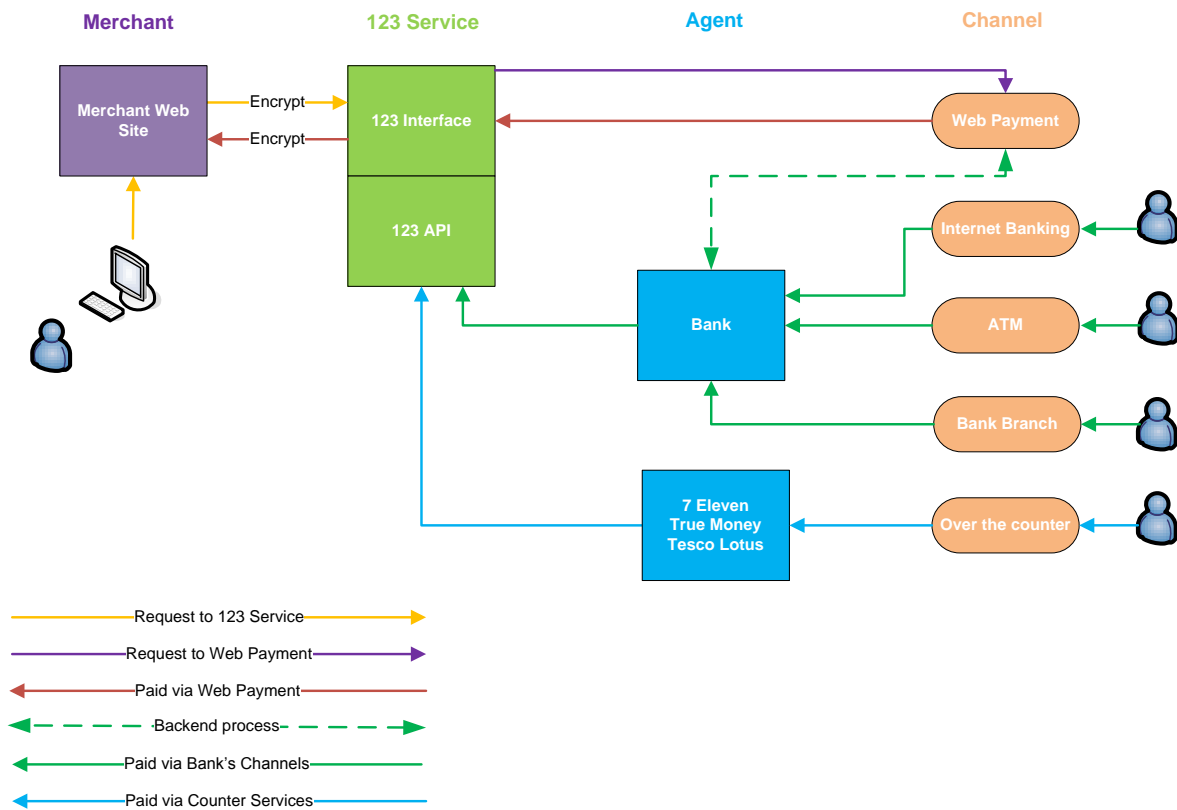
Version 2.6

Document Control	
Reference	
File Name	1-2-3 DEVELOPERS REFERENCE - INTEGRATION MANUAL 2_6.DOCX
Author	
Revision History	

Revision	Date	Changed By	Comments/Reasons
File 1.4, XML 1.0	27 April 2012	Lynn	Add New Response Code for fund pending
File 1.5, XML 1.0	11 May 2012	Lynn	Add Message Flow
File 1.6, XML 1.0	6 June 2012	Lynn	Add CallApiUrlRes
File 1.7, XML 1.0	18 June 2012	Lynn	Adjust PaymentItems
File 1.8, XML 1.0	28 June 2012	Lynn	Add Discount tag in OneTwoThreeReq
File 1.9, XML 1.0	17 July 2012	Lynn	Adjust InvoiceNo for 12 length
File 2.0, XML 1.0	29 Aug 2012	Lynn	Add ServiceFee,ShippingFee in OneTwoThreeReq
File 2.1, XML 1.0	24 Sep 2012	Lynn	Add PayInSlipInfo
File 2.2, XML 1.1	19 Oct 2012	Lynn	Add HashValue tag to OneTwoThreeReq/Res This will apply to XML version 1.1 forward.
File 2.3 XML 1.1	14 Mar 2013	Lynn	Add PaymentExpiry tag to OneTwoThreeReq
File 2.4 XML 1.1	1 April 2013	Aung	Review; format and language adjustments
File 2.5 XML 1.1	8 July 2013	Lynn	Add Amount,PaidAmount,PayerMobile
File 2.6 XML 1.1	6 Sep 2013	Lynn	Update paid amount description for mismatched case.

Contents

1. System Flow

Legend:
- Request to 123 Service
- Request to Web Payment
- Paid via Web Payment
- Backend process
- Paid via Bank's Channels
- Paid via Counter Services

2. Request Message Format

```xml
<OneTwoThreeReq>
     <Version></Version>
     <TimeStamp></TimeStamp>
     <MessageID></MessageID>
     <MerchantID></MerchantID>
     <InvoiceNo></InvoiceNo>
     <Amount></Amount>
     <Discount></Discount>
     <ServiceFee></ServiceFee>
     <ShippingFee></ShippingFee>
     <CurrencyCode></CurrencyCode>
     <CountryCode></CountryCode>
     <ProductDesc></ProductDesc>
     <PaymentItems>
          <PaymentItem id="" name="" price="" quantity="" />
     </PaymentItems>
     <PayerName></PayerName>
     <PayerEmail></PayerEmail>
     <PayerMobile></PayerMobile>
     <ShippingAddress></ShippingAddress>
     <MerchantUrl></MerchantUrl>
     <APICallUrl><APICallUrl>
     <AgentCode></AgentCode>
     <ChannelCode></ChannelCode>
     <PayInSlipInfo></PayInSlipInfo>
     <PaymentExpiry></PaymentExpiry>
     <UserDefined1></UserDefined1>
     <UserDefined2></UserDefined2>
     <UserDefined3></UserDefined3>
     <UserDefined4></UserDefined4>
     <UserDefined5></UserDefined5>
     <HashValue></HashValue>
</OneTwoThreeReq>
```

3.OneTwoThreeReq Field Descriptions

No.	Field Name	Description	Field Validity
1	Version	Message Version Number	Length : 3 or more characters E.g. 1.0.0
2	TimeStamp	Date and time of request message	Length : 22 characters Format : yyyy-MM-dd HH:mm:ss:fff -yyyy=4 numeric digits, followed by a dash("-") -MM=2 numeric digits with value 01-12, followed by a dash("-") -dd=2 numeric digits with value 01-31, followed by a space(" ") -HH=2 numeric digits with value 00-24, followed by a colon(":") -mm=2 numeric digits with value 00-59, followed by a colon(":") -ss=2 numeric digits with value 00-59, followed by a colon(":") -fff=3 numeric digits with value 000-999
3	MessageID	Unique Identifier for every	Length : 1- 255 characters or numeric(or both)

		message exchange.	
4	MerchantID	Unique Identifier of merchant Merchant's registered email address or unique id generated by 1-2-3.	Length : 1-100 characters Format : it can be numeric generated by 1-2-3 system or the email address registered in 1-2-3 system.
5	InvoiceNo	Unique invoice/order number generated by merchants. If the merchant does not send the value, 1-2-3 system will generate automatically.	Length : 12 E.g. 123456789012
6	Amount	Purchase amount	Length : 12 numeric Format : pad left '0' if not filled with 12 numeric and the last 2 digits is for exponent. E.g. 000000010000 represents 100.00
7	Discount	(Optional)Discount amount	Length : 12 numeric Format: pad left '0' if not filled with 12 numeric and the last 2 digits is for exponent. E.g. 000000010000 represents 100.00
8	ServiceFee	(Optional)Service fee charged by Merchant	Length : 12 numeric Format: pad left '0' if not filled with 12 numeric and the last 2 digits is for exponent. E.g. 000000010000 represents 100.00
9	ShippingFee	(Optional)Shipping cost charged by Merchant	Length : 12 numeric Format: pad left '0' if not filled with 12 numeric and the last 2 digits is for exponent. E.g. 000000010000 represents 100.00
10	CurrencyCode	ISO 4217 Currency Code	Length : 3 characters E.g. THB for Thai Baht
11	CountryCode	ISO 3166 Country Code	Length : 3 characters E.g. THA for Thailand
12	ProductDesc	The description of product.	Length : 1- 255 characters
13	PaymentItems	The items details in nested XML.	Length : 1-2048 Format : text Put one **SKU** (Stock-keeping unit) per item with quantity. E.g. if there is a purchase of 100 pens and 50 books, put as the following. **\<PaymentItems\>** \<PaymentItem id="1" name="Pen" price="000000001000" quantity="100"/\> \<PaymentItem id="2" name="Book" price="000000001500" quantity="50"/\> **\</PaymentItems\>**
14	PayerName	Payer or Buyer Name.	Length : 1-100 Format : any characters
15	PayerEmail	The email address of buyer.	Length : 100 Format : any valid characters for email address
16	PayerMobile	The mobile no. of buyer.	Length : 20 Format : only numeric without country code E.g 0812345678
17	ShippingAddress	(Optional) The shipping address of buyer.	Length : 1-200 Format : any characters

18	MerchantUrl	The result page URL of merchant website. 1-2-3 will redirect to this URL with XML response when the payer clicked on GoBackMerchant button at 1-2-3 result page after payment is PAID or PENDING.	Length : 1-1024 Format : any valid characters for the URL
19	APICallUrl	1-2-3 system will send XML response back to this URL after payment is PAID or PENDING	Length : 1-1024 Format : any valid characters for the URL
20	AgentCode	The unique code of agents by 1-2-3 system. If the merchant send AgentCode, the user will not need to select the Agent and Channel.	Length : 1-30 Format : characters **BBL**=Bangkok Bank **KBANK**=Kasikorn Bank **KTB**=Krung Thai Bank **SCB**=Siam Commercial Bank **TBANK**=Thanachart Bank Public Company Ltd. **UOB**=United Overseas Bank **CIMB**=CIMB Thai Bank Public Company Ltd. **TMB**=TMB Bank Public Company Limited **BAY**= Bank of Ayutthaya **7ELEVEN**= 7 Eleven Counter Service **TRUEMONEY**= True Money Shop **TESCO**= Tesco Lotus Counter Service **TOT**= Just Pay by TOT public Company Ltd. **PAP**= Pay at post
21	ChannelCode	The unique code of channel by 1-2-3 system. If the merchant send ChannelCode, the user will not need to select the Agent and Channel.	Length : 1-30 Format : characters **ATM**= ATM Machine **BANKCOUNTER**= Bank Branch Counter **IBANKING**= Internet Banking **WEBPAY** = Web Payment of banking **OVERTHECOUNTER** = 7 Eveven, True Money, Tesco Lotus
22	PayInSlipInfo	(Optional) Merchant can submit any information to show on pay-in-slip.	Length : 600 Format : characters -put "|" if you need new line. -Every single line should not exceed more than 100 characters. -No. of lines should not exceed more than 5 lines.
23	PaymentExpiry	(Optional) Merchant can set payment expiry by product item. If no value, it will be determined as payment expiry by Merchant Setting for all products.	Length : 19 Format : yyyy-MM-dd HH:mm:ss
24	UserDefined1	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
25	UserDefined2	(Optional) 123 system will response back to merchant whatever	Length : 255 Format : any characters or numeric

26	UserDefined3	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
27	UserDefined4	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
28	UserDefined5	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
29	HashValue	Hash value computed by HMACSHA1 with secret key provided by 1-2-3 System.	Length : 255 Signature String : MerchantID+InvoiceNo+Amount Secret Key(Test) : 746D7SCHAIQ0QUZ0MRJWU0PQ3AD7PJ8B **PHP** Refer to **hash_hmac_sha1.php** **C#.Net** Refer to **hash_hmac_sha1.cs** **Java** Refer to **hash_hmac_sha1.java** **Perl** Refer to **hash_hmac_sha1.pl**

4. Response Message Format
(To **APICallUrl** and **MerchantURL**)

```
<OneTwoThreeRes>
      <Version></Version>
      <TimeStamp></TimeStamp>
      <MessageID></MessageID>
      <MerchantID></MerchantID>
      <InvoiceNo></InvoiceNo>
      <RefNo1></RefNo1>
      <Amount></ Amount >
      <PaidAmount></PaidAmount >
      <ResponseCode></ResponseCode>
      <CompletedDateTime></CompletedDateTime>
      <AgentCode></AgentCode>
      <ChannelCode></ChannelCode>
      <UserDefined1></UserDefined1>
      <UserDefined2></UserDefined2>
      <UserDefined3></UserDefined3>
      <UserDefined4></UserDefined4>
      <UserDefined5></UserDefined5>
      <HashValue></HashValue>
</OneTwoThreeRes>
```

Print Message(From APICallUrl To 1-2-3 Service)

```
<APICallUrlRes>
      <Version></Version>
      <TimeStamp></TimeStamp>
      <MessageID></MessageID>
      <Result></Result>
      <FailReason></FailReason>
</APICallUrlRes>
```

5. OneTwoThreeRes Field Descriptions

No.	Field Name	Description	Field Validity
1	Version	Message Version Number	Length : 3 or more characters E.g 1.0.0
2	TimeStamp	Date and time of response message	Length : 22 characters Format : yyyy-MM-dd HH:mm:ss:fff -yyyy=4 numeric digits, followed by a dash("-") -MM=2 numeric digits with value 01-12, followed by a dash("-") -dd=2 numeric digits with value 01-31, followed by a space(" ") -HH=2 numeric digits with value 00-24, followed by a colon(":") -mm=2 numeric digits with value 00-59, followed by a colon(":") -ss=2 numeric digits with value 00-59, followed by a colon(":") -fff=3 numeric digits with value 000-999
3	MessageID	Unique Identifier for every message exchange. This message id must be from the request message.	Length : 1- 255 characters or numeric(or both)
4	MerchantID	Unique Identifier of merchant Merchant's registered email address or unique id generated by 1-2-3.	Length : 1-100 characters Format : it can be numeric generated by 1-2-3 system or the email address registered in 1-2-3 system.
5	InvoiceNo	Unique invoice/order number generated by merchants. If the merchant does not send the value, 1-2-3 system will generate automatically.	Length : 1-12 numeric E.g. 12345
6	RefNo1	Reference No. from the system of 1-2-3.It can be called 'Payment Ref.Code'	Length : 1-20 Format : any character or numeric
7	Amount	Purchase Amount	Length : 12 numeric Format : pad left '0' if not filled with 12 numeric and the last 2 digits is for exponent. E.g. 000000010000 represents 100.00
8	PaidAmount	Paid Amount If ResponseCode is '000', Merchant needs to	Length : 12 numeric Format : pad left '0' if not filled with 12 numeric and

		compare if Amount is matched with PaidAmount or not. If not, Merchant needs to take action as Paid Mismatched.	the last 2 digits is for exponent. E.g. 000000010000 represents 100.00
9	ResponseCode	Response code from 1-2-3 system	Length : 3 Format : numeric **000** = SUCCESS(**PAID**) only webpay channel **001** = SUCCESS(**PENDING**) other channels **002** = TIMEOUT **003** = INVALID MESSAGE **004** = INVALID PROFILE(MERCHANT) ID **005** = DUPLICATED INVOICE **006** = INVALID AMOUNT **007** = INSUFFICIENT BALANCE **008** = INVALID CURRENCY CODE **009** = PAYMENT EXPIRED **010** = PAYMENT CANCELED BY PAYER **011** = INVALID PAYEE ID **998** = INTERNAL ERROR **999** = SYSTEM ERROR
10	CompletedDateTime	The date and time of transaction completed.	Length : 22 characters Format : yyyy-MM-dd HH:mm:ss -yyyy=4 numeric digits, followed by a dash("-") -MM=2 numeric digits with value 01-12, followed by a dash("-") -dd=2 numeric digits with value 01-31, followed by a space(" ") -HH=2 numeric digits with value 00-24, followed by a colon(":") -mm=2 numeric digits with value 00-59, followed by a colon(":") -ss=2 numeric digits with value 00-59
11	AgentCode	(Optional)The unique code of agents by 1-2-3 system. If the merchant send AgentCode, the user will not need to select the Agent and Channel.	Length : 1-30 Format : characters **BBL**=Bangkok Bank **KBANK**=Kasikorn Bank **KTB**=Krung Thai Bank **SCB**=Siam Commercial Bank **TBANK**=Thanachart Bank Public Company Ltd. **UOB**=United Overseas Bank **CIMB**=CIMB Thai Bank Public Company Ltd. **TMB**=TMB Bank Public Company Limited **BAY**= Bank of Ayutthaya **7ELEVEN**= 7 Eleven Counter Service **TRUEMONEY**= True Money Shop **TESCO**= Tesco Lotus Counter Service **TOT**= Just Pay by TOT public Company Ltd. **PAP**= Pay at post
12	ChannelCode	(Optional)The unique code of channel by 1-2-3 system. If the merchant send ChannelCode, the user will not need to select the Agent and Channel.	Length : 1-30 Format : characters **ATM**= ATM Machine **BANKCOUNTER**= Bank Branch Counter **IBANKING**= Internet Banking **WEBPAY** = Web Payment of banking **OVERTHECOUNTER** = 7 Eveven, True Money, Tesco Lotus

13	UserDefined1	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
14	UserDefined2	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
15	UserDefined3	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
16	UserDefined4	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
17	UserDefined5	(Optional) 123 system will response back to merchant whatever information include in request message of this field	Length : 255 Format : any characters or numeric
18	HashValue	Hash value computed by HMACSHA1 with secret key provided by 1-2-3 System.	Length : 255 Signature String : MerchantID+InvoiceNo+RefNo1 Secret Key(Test) : 746D7SCHAIQ0QUZ0MRJWU0PQ3AD7PJ8B **PHP** Refer to **hash_hmac_sha1.php** **C#.Net** Refer to **hash_hmac_sha1.cs** **Java** Refer to **hash_hmac_sha1.java** **Perl** Refer to **hash_hmac_sha1.pl**
19	Result	Response result from Merchant to trace if the backend transaction can reach to Merchant or not. If not, the email alert to Merchant and 1-2-3 Service team.	Length : 15 SUCCESS = Merchant gets the message and update successfully FAILURE = Merchant gets the message and cannot update successfully.
20	FailureReason	If the merchant fails to update, the merchant can send the failure reason	Length :255 Format : any characters

6. Message Sample

Request Message

```xml
<OneTwoThreeReq>
      <Version>1.1</Version>
      <TimeStamp>2012-03-21 11:11:12:888</TimeStamp>
      <MessageID>123456abcdefhig</MessageID>
      <MerchantID>merchant@shopping.com</MerchantID>
      <InvoiceNo>000000000012</InvoiceNo>
      <Amount>000000470000</Amount>
      <Discount>000000000000</Discount>
      <ServiceFee>000000000000</ServiceFee>
      <ShippingFee>000000000000</ShippingFee>
      <CurrencyCode>THB</CurrencyCode>
      <CountryCode>THA</CountryCode>
      <ProductDesc>Designer Hats</ProductDesc>
      <PaymentItems>
            <PaymentItem id="1" name="Hat Blue XL" price="000000300000"
            quantity="1" />
            <PaymentItem id="2" name="Hat Red L" price="000000200000"
            quantity="2"  />
      </PaymentItems>
      <PayerName>Developer</PayerName>
      <PayerEmail>developer@gmail.com</PayerEmail>
      <ShippingAddress>Bangkok</ShippingAddress>
      <MerchantUrl>https://www.merchant.com/frontend.aspx</MerchantUrl>
      <APICallUrl>https://www.merchant.com/backend.aspx</APICallUrl>
      <AgentCode>BBL</AgentCode>
      <ChannelCode>ATM</ChannelCode>
      <PayInSlipInfo> If your purchase amount is less than 2000 Baht, you
have to pay 59 Baht as convenience fee.| Our hot promotions are iPhone5,
Galaxy S3. | Please call our connact no :0-2695-060 if you need any
helps.</PayInSlipInfo>
      <PaymentExpiry>2012-03-25 11:11:12</PaymentExpiry>
      <UserDefined1></UserDefined1>
      <UserDefined2></UserDefined2>
      <UserDefined3></UserDefined3>
      <UserDefined4></UserDefined4>
      <UserDefined5></UserDefined5>
      <HashValue>94E8E91C29E73B9648011FADBAE19849B520B24B</HashValue>
</OneTwoThreeReq>
```

Response Message(To APICallUrl and MerchantURL)

```xml
<OneTwoThreeRes>
      <Version>1.1</Version>
      <TimeStamp>2012-03-21 11:15:12:888</TimeStamp>
      <MessageID>123456abcdefhig</MessageID>
      <MerchantID>merchant@shopping.com</MerchantID>
      <InvoiceNo>000000000012</InvoiceNo>
      <RefNo1>000000000014</RefNo1>
      <Amount>000000470000</Amount>
      <PaidAmount>000000470000</PaidAmount >
      <ResponseCode>000</ResponseCode>
      <CompletedDateTime>21-03-2012 11:15:12</CompletedDateTime>
      <UserDefined1></UserDefined1>
      <UserDefined2></UserDefined2>
      <UserDefined3></UserDefined3>
```

```
        <UserDefined4></UserDefined4>
        <UserDefined5></UserDefined5>
        <HashValue>BE0D5368DFC291AA062B3A8E02245516EDABDB3D</HashValue>
</OneTwoThreeRes>
```

Print Message Back(From APICallUrl To 1-2-3 Service) (Optional)
```
<APICallUrlRes>
        <Version>1.0</Version>
        <TimeStamp>2012-03-21 11:15:12:888</TimeStamp>
        <MessageID>123456abcdefhig</MessageID>
        <Result>SUCCESS</Result>
        <FailureReason></FailureReason>
</APICallUrlRes>
```

7. The usage of PKCS7 and How to post

Merchant website redirects to 1-2-3 System **using HTTP FORM POST method** to process the transaction. The xml message can be posted by using **PKCS7** encryption. 123 Service will provide the library of PKCS7: **SinaptIQPKCS7.dll** for .Net, **SinaptIQPKCS7.jar** for Java ,**SinaptIQPKCS7.php** for PHP and **SinaptIQPKCS7.pl** for PERL.

Refer to sample files : **Sample.cs** for .Net, **Sample.Java** for Java, **SinaptIQPKCS7.php** for PHP and **SinaptIQPKCS7.pl** for PERL.

Merchant requests to 1-2-3 system
The form tag value name for the encrypted message will be "**OneTwoThreeReq**".
The URL of 1-2-3 system will be http://uat.123.co.th/payment/paywith123.aspx as UAT.
(Production URL will be provided when the production time comes.)

Example form:

```
<Form method=post action="http://uat.123.co.th/payment/paywith123.aspx">
<input type="hidden" name="OneTwoThreeReq"
value="MIICQgYJKoZIhvcNAQcDoIICMzCCAi8CAQAxggHzMIIB7wIBADCB1jCByjELMAkGA1UEB
hMCVVMxEDAOBgNVBAgTB0FyaXpvbmExEzARBgNVBAcTClNjb3R0c2RhbGUxGjAYBgNVBAoTEUdv
RGFkZHkuY29tLCBJbmMuMTMwMQYDVQQLEypodHRwOi8vY2VydGlmaWNhdGVzLmdvZGFkZHkuY29
tL3JlcG9zaXRvcnkxMDAuBgNVBAMTJ0dvIERhZGR5IFNlY3VyZSBDZXJ0aWZpY2F0aW9uIEF1dG
hvcml0eTERMA8GA1UEBRMIMDc5NjkyODcCBwQTJpAk50QwDQYJKoZIhvcNAQEBBQAEggEAxQfcv
mpB/Ir1rn87gib63+iq5pYvhpn6LtXxi/+gxuSP/FqFK1Y8JbnP2Wrgr9x6gPGdrjJtpEmrbs9W
Ev3a8EU1iaZCMH/rcwKBroWgq/TEyXGj98aMz8fFN0t2KCdEtf+uUWLGReFBFnILeEBryPs0bvP
09C3G+5ZBE7UgK86g3pmWeOwyK2wHR15LlTxQs1MJKVElBjlv7UtmyBDHqPc7qmPwj6ETJT72Jb
997BzZODOE+PSmUzc7ml36uNh10VGjHdqbLIlKKpQ6JISbjv6VzZI/RIgG6Az5AkXSIdUZboTM/
kDk3NhNqHJ31fiL7jvyFvY575nSdONyVCjpezAzBgkqhkiG9w0BBwEwFAYIKoZIhvcNAwcECJXr
OOuJqFRqgBCGLY1Kpmq5v60oCYK4g285">
<input type="submit" value="Send" name="submit">
</Form>
```

1-2-3 system responses to Merchant (FrontEnd : MerchantUrl)
The form tag value name for the encrypted message will be "**OneTwoThreeRes**" with http
POST method. The URL will be assumed as `https://www.merchant.com/frontend.aspx`.

Example form:

<Form method=post action=" `https://www.merchant.com/frontend.aspx`">
<input type="hidden" name="**OneTwoThreeRes**" value="

MIICQgYJKoZIhvcNAQcDoIICMzCCAi8CAQAxggHzMIIB7wIBADCB1jCByjELMAkGA1UEBhMCVVM
xEDAOBgNVBAgTB0FyaXpvbmExEzARBgNVBAcTClNjb3R0c2RhbGUxGjAYBgNVBAoTEUdvRGFkZH
kuY29tLCBJbmMuMTMwMQYDVQQLEypodHRwOi8vY2VydGlmaWNhdGVzLmdvZGFkZHkuY29tL3Jlc
G9zaXRvcnkxMDAuBgNVBAMTJ0dvIERhZGR5IFNlY3VyZSBDZXJ0aWZpY2F0aW9uIEF1dGhvcml0
eTERMA8GA1UEBRMIMDc5NjkyODcCBwQTJpAk50QwDQYJKoZIhvcNAQEBBQAEggEAU9gFBgnTsOn
5Tb0i/rXIMu5FTc1gdqPoO552YaJ0a+lyDJeSH+bdBCmYo5chchBu7DVwwDY68SXablJV+nMaJJ
UEVXqOpJBwsWVVVEUvhagLHIuLs1/o6m8YcYSxuJUA/VMKR1eoIIgP5umZ2q4Bq+2btRGx1xrwl
PDmuaiLQEcCCUfc+OH8l5H1xwS4SIn3787TXGQOxyQZ/chXEc6XmGQcTEzZJXx9Y0nX4FhXoMSI
9YKmkSaklOkhHiB4ILYd0Inos1pGWUcs1Jk0jQQ4HQz9t7cf5CbZuxeYJnbuGcVPgspji/AiSPM
XfcGhEuhkTSWT+h8k0chCsQ0Kf0BhmTAzBgkqhkiG9w0BBwEwFAYIKoZIhvcNAwcECOjcWKIwdI
sTgBAFJ2gCTiYmuwsjvtYMVMN+">
<input type="submit" value="Send" name="submit">
</Form>

***1-2-3 system responses to Merchant (BackEnd : ApiCallUrl)***
The query string id for the encrypted message will be "**OneTwoThreeRes**" with http **GET**
method. The URL will be assumed as `https://www.merchant.com/backend.aspx` .

Example:

`https://www.merchant.com/backend.aspx`?**OneTwoThreeRes**=MIICQgYJKoZIhvcNAQcDoI
ICMzCCAi8CAQAxggHzMIIB7wIBADCB1jCByjELMAkGA1UEBhMCVVMxEDAOBgNVBAgTB0FyaXpvb
mExEzARBgNVBAcTClNjb3R0c2RhbGUxGjAYBgNVBAoTEUdvRGFkZHkuY29tLCBJbmMuMTMwMQYD
VQQLEypodHRwOi8vY2VydGlmaWNhdGVzLmdvZGFkZHkuY29tL3JlcG9zaXRvcnkxMDAuBgNVBAM
TJ0dvIERhZGR5IFNlY3VyZSBDZXJ0aWZpY2F0aW9uIEF1dGhvcml0eTERMA8GA1UEBRMIMDc5Nj
kyODcCBwQTJpAk50QwDQYJKoZIhvcNAQEBBQAEggEAU9gFBgnTsOn5Tb0i/rXIMu5FTc1gdqPoO
552YaJ0a+lyDJeSH+bdBCmYo5chchBu7DVwwDY68SXablJV+nMaJJUEVXqOpJBwsWVVVEUvhagL
HIuLs1/o6m8YcYSxuJUA/VMKR1eoIIgP5umZ2q4Bq+2btRGx1xrwlPDmuaiLQEcCCUfc+OH8l5H
1xwS4SIn3787TXGQOxyQZ/chXEc6XmGQcTEzZJXx9Y0nX4FhXoMSI9YKmkSaklOkhHiB4ILYd0I
nos1pGWUcs1Jk0jQQ4HQz9t7cf5CbZuxeYJnbuGcVPgspji/AiSPMXfcGhEuhkTSWT+h8k0chCs
Q0Kf0BhmTAzBgkqhkiG9w0BBwEwFAYIKoZIhvcNAwcECOjcWKIwdIsTgBAFJ2gCTiYmuwsjvtYM
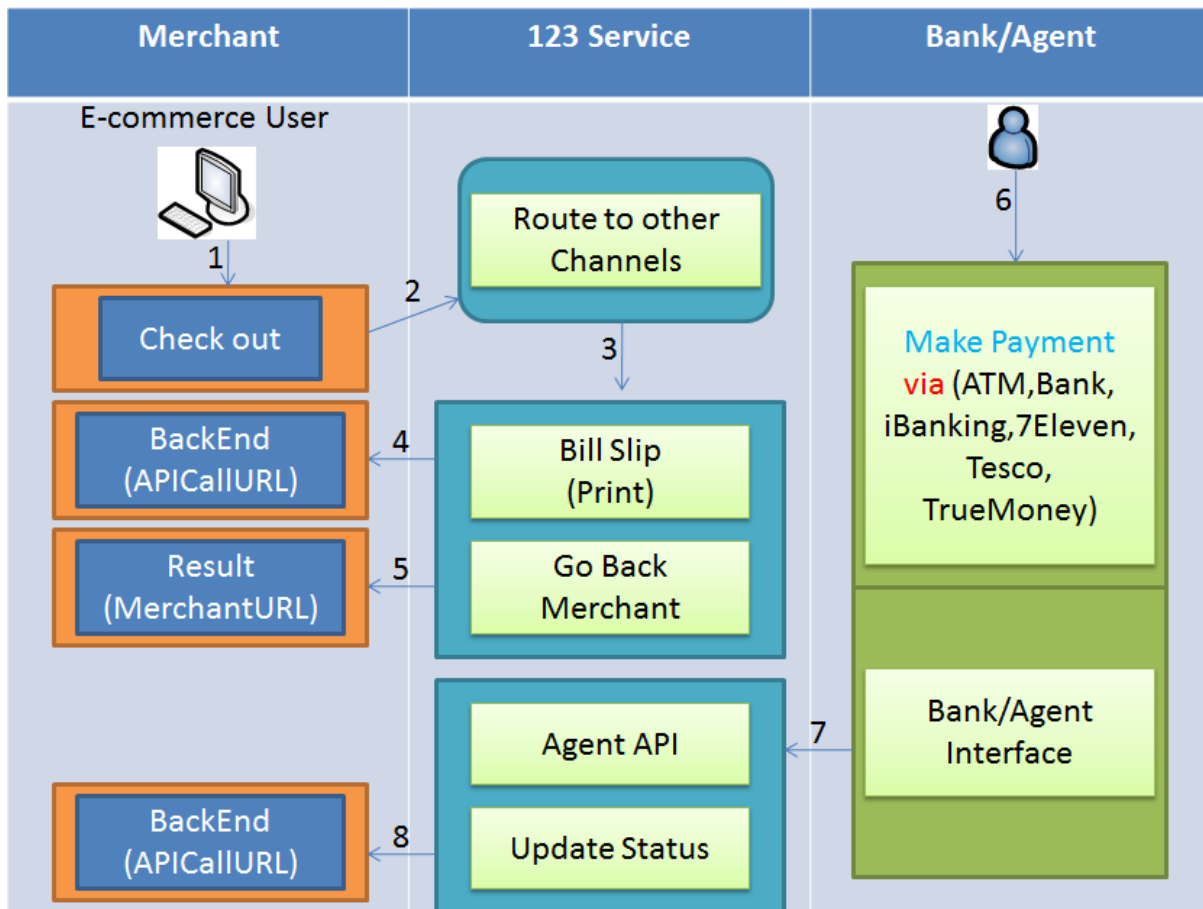VMN+

8. Message Flow

123 Service System Flow with Web Payment
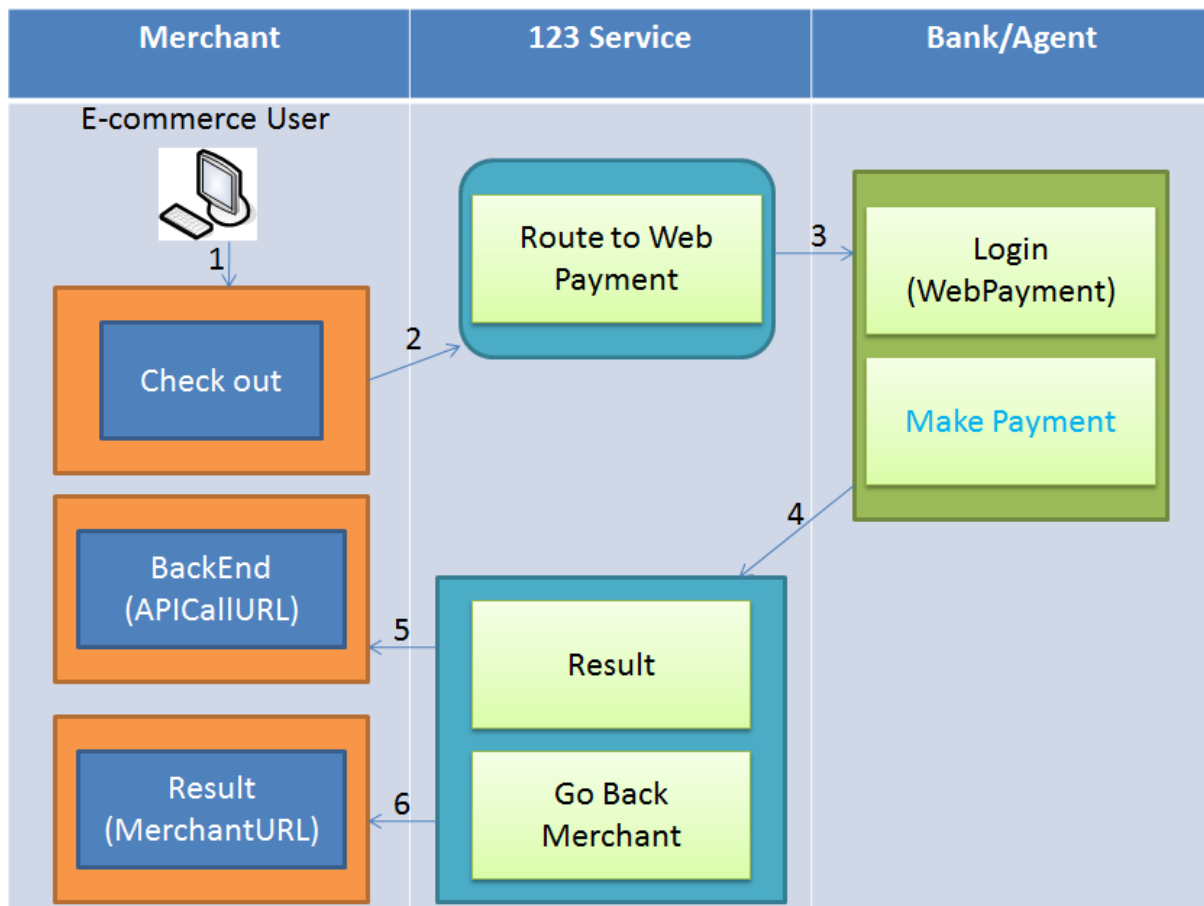
Message Flow with Web Payment Channel

1. User goes shopping at Merchant Website
2. User chooses to pay with alternative payment methods offered by 1-2-3 and merchant system requests to 1-2-3 Service with web Payment channel
3. 1-2-3 Service performs Web Payment transaction with selected bank
4. Bank responses transaction result to 123 Service
5. 1-2-3 Service shows the result and notifies email to payer/user, and sends result data to APICallURL provided by Merchant
6. When user clicks on Go Back Merchant button, 123 Service redirects to MerchantURL provided by Merchant

123 Service System Flow with other Channels

Merchant	123 Service	Bank/Agent

E-commerce User

1 → Check out

2 → Route to other Channels

3 ↓

Bill Slip (Print)

4 → BackEnd (APICallURL)

Go Back Merchant

5 → Result (MerchantURL)

6 → Make Payment via (ATM, Bank, iBanking, 7Eleven, Tesco, TrueMoney)

Agent API

7 ← Bank/Agent Interface

Update Status

8 → BackEnd (APICallURL)

Message Flow with other channels

(ATM, BankCounter, iBanking, 7Eleven, Tesco, TrueMoney, TOT, Pay@Post, mPay)

1. User goes shopping at Merchant Website
2. User chooses to pay with alternative payment methods offered by 1-2-3 and merchant system request to 1-2-3 Service using any one of the aforementioned channel
3. 1-2-3 Service displays bill slip and sends email with bill slip in PDF format as attachment to payer/user.
4. 1-2-3 Service sends result data to APICallURL provided by Merchant
5. 1-2-3 Service shows the result and send result data to APICallURL provided by Merchant

    --- online transaction between merchant and 1-2-3 stops here with the status "PENDING" ---

6. User takes the printed paper bill slip and make payment at one of the aforementioned channel
7. Once payment is successfully received by agent, 1-2-3 will be notified in real-time
8. 1-2-3 Service subsequently notifies the merchant using APICallURL with the transaction result