



Dokumentasi Spesifikasi Teknis Payment Point Versi 1.0.14

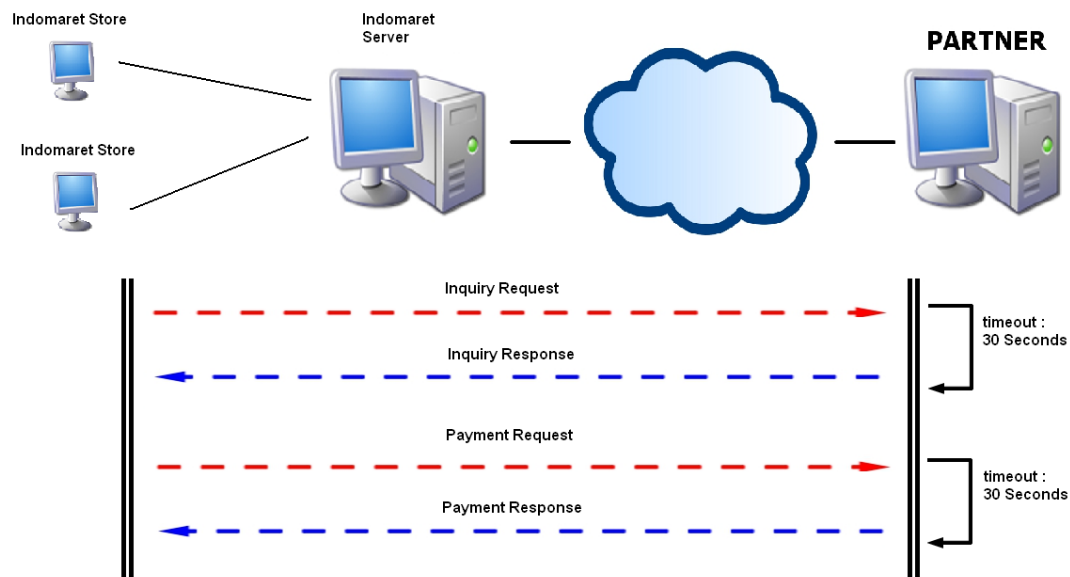
Dibuat oleh: IT-SD7
November 2013



DAFTAR DOKUMENTASI

Versi	Tanggal	Oleh	Perubahan
1.0.0	01-11-2013	IT-SD7	1. All
1.0.1	24-07-2014	IT-SD7	2. revision for XML SOAP structure
1.0.2	05-11-2014	IT-SD7	3. add new XML tag
1.0.3	29-01-2015	IT-SD 7	4. changing on XML structure
1.0.4	01-09-2015	IT-SD 7	5. English version
1.0.5	02-12-2015	IT-SD7	6.Add new tag Signature
1.0.7	25-02-2016	IT-SD7	7.Add new tag Message at Payment Response
1.0.8	08-09-2016	IT-SD7	8. add new tag product code
1.0.10	04/10/2017	IT-SD7	10. penambahan product code di semua proses di API 11. Penambahan response code yang sudah di gunakan indomaret
1.0.11	27/11/2017	IT-SD7	12. penambahan minimum amount pembayaran
1.0.12	30/01/2018	IT-SD7	13. Penambahan Product Code di respon inquiry
1.0.13	12/11/2018	IT-SD7	14. penambahan extra param di request inquiry Penambahan nilai fee di respon inquiry
1.0.14	21/04/2020	IT-SD7	15. penambahan extra param pada respon inquiry

Diagram Flow



Catatan:

- Partner API can be accessed from public or private network
- Partner API must be based on Web Services (WSDL)
- Indomaret store will access to Indomaret server
- Indomaret server will forward the request to partner using post method and SOAP XML format data
- Partner will send transaction details to Indomaret server
- Indomaret Server will forward the data to Indomaret store
- If Indomaret store failed to received the response then the transaction

will be marked as failed and Indomaret will send cancel request based on the same payment code and trackingref

XML Inquiry Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReqInquiry>
      <TimeStamp>yyyy-MM-dd HH:mm:ss</TimeStamp>
      <MessageID></MessageID>
      <PaymentCode> </PaymentCode>
      <TrackingRef></TrackingRef>
      <ProductCode> </ProductCode>
      <StoreID> </StoreID>
      <Signature> </Signature>
      <ExtraParam1></ExtraParam1>
      <ExtraParam2></ExtraParam2>
      <ExtraParam3></ExtraParam3>
    </ReqInquiry>
  </soap:Body>
</soap:Envelope>
```

No.	Nama Kolom	Deskripsi	Type	Format
1.	TimeStamp	Date and time of request message	M	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, followed by a colon(":")
2.	MessageID	Unique Identifier for every message exchange(Request and Response)	M	Length : 1- 255 characters or numeric(or both)
3.	PaymentCode	Payment Code/Subscribe Number	M	Length : 1-20 Format : alfanumeric
4.	TrackingRef	TransactionID of Indomaret Store	M	Length : 1-20 Format : alfanumeric
5.	ProductCode	ProductCode for switching merchant	C	Length : 1-10 Format : alfanumeric
5.	StoreID	Store/BranchID of Indomaret	M	Length : 8 Format : alfanumeric
6.	Signature	Security Code (for detail explained	M	Length:100 Format: HexaDecimal

		by email)		
7.	ExtraParam1,2,3	Additional information		Length : 100 Format : alfanumeric

Example

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReqInquiry>
      <TimeStamp>2014-08-06 15:00:00</TimeStamp>
      <MessageID>20140806150000ABCD</MessageID>
      <PaymentCode>ABC1234</PaymentCode>
      <TrackingRef>1876500001</TrackingRef>
      <ProductCode>123000</ProductCode>
      <StoreID>G001T001</StoreID>
      <Signature>BB49486B420A7E7ADA619380CC37F45C52FF7A1F1A498679FC5775
A3F3F6D25558F5193B959154544899554016F2F383</Signature>
      <ExtraParam1>C00004</ExtraParam1>
      <ExtraParam2></ExtraParam2>
      <ExtraParam3></ExtraParam3>
    </ ReqInquiry>
  </soap:Body>
</soap:Envelope>
```

XML Inquiry Response

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ResInquiry>
      <TimeStamp>yyyy-MM-dd HH:mm:ss:fff</TimeStamp>
      <MessageID></MessageID>
      <Customer> </Customer>
      <Desc></Desc>
      <ProductCode><ProductCode>
      <Amount></Amount>
      <MinAmount></MinAmount>
      <Fee></Fee>
      <ResponseCode></ResponseCode>
      <ResponseDesc></ResponseDesc>
      <ExpiredDateTime></ExpiredDateTime>
      <Message></Message>
      <TrackingRef></TrackingRef>
      <StoreID></StoreID>
      <ExtraParam1></ExtraParam1>
      <ExtraParam2></ExtraParam2>
      <ExtraParam3></ExtraParam3>
    </ResInquiry>
  </soap:Body>
</soap:Envelope>
```

No.	Nama Kolom	Deskripsi	Type	Format
1	TimeStamp	Date and time of response message	M	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, followed by a colon(":")
2	MessageID	Unique Identifier for every message exchange(Request and Response)	M	Length : 1- 255 characters or numeric(or both)
3	Customer	Customer name	C	Length : 1-30 Format : alphabet
4	Desc	Product Description	M	Length : text Format : alphanumeric
5	ProductCode	ProductCode for switching merchant	C	Length : 1-10 Format : alphanumeric
6	MinAmount	Minimum Payment amount	M	Length : 12 numeric Format : double

7	Amount	Payment amount	M	Length : 12 numeric Format : double
8	Fee	Fee Amount Charge to Customer	M	Length : 12 numeric Format : double
9	ResponseCode	Response code from Switcher/Biller	M	Length : 2 Format : numeric
10	ResponseDesc	Response description from Switcher/Biller	M	Length : 1- 255 characters
11	ExpiredDateTime	The date and time of payment expiry.	C	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
12	Message	The details of customer support information. e.g : "Call 12345 for further information"	C	Length : 1- 255 characters Format : any character or numeric
13	TrackingRef	TransactionID of Indomaret Store	M	Length : 1-20 Format : alphanumeric
14	StoreID	Store/BranchID of Indomaret	M	Length : 8 Format : alphanumeric
15	ExtraParam1,2,3	Additional information		Length : 100 Format : alphanumeric

Example

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ResInquiry>
      <TimeStamp>2014-08-07 15:00:00</TimeStamp>
      <MessageID>20140807150000ABCD</MessageID>
      <Customer>Andi Sujono</Customer>
      <Desc>Detail product description</Desc>
      <ProductCode>123123</ProductCode>
      <MinAmount>25000</MinAmount>
      <Amount>50000</Amount>
      <Fee>5000</Fee>
      <ResponseCode>00</ResponseCode>
      <ResponseDesc>Success</ResponseDesc>
      <ExpiredDateTime>2014-08-08 10:00:00</ExpiredDateTime>
      <Message></Message>
      <TrackingRef>1876500001</TrackingRef>
      <StoreID>G001T001</StoreID>
      <ExtraParam1>00063|00062|00061</ExtraParam1>
      <ExtraParam2></ExtraParam2>
      <ExtraParam3></ExtraParam3>
    </ResInquiry>
  </soap:Body>
</soap:Envelope>
```


XML Payment Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReqPayment>
      <TimeStamp>yyyy-MM-dd HH:mm:ss</TimeStamp>
      <MessageID></MessageID>
      <PaymentCode> </PaymentCode>
      <Amount> </Amount>
      <TrackingRef></TrackingRef>
      <ProductCode> </ProductCode>
      <StoreID> </StoreID>
      <Signature> </Signature>
    </ReqPayment>
  </soap:Body>
</soap:Envelope>
```

No.	Nama Kolom	Deskripsi	Type	Format
1.	TimeStamp	Date and time of request message	M	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, followed by a colon(":")
2.	MessageID	Unique Identifier for every message exchange(Request and Response)	M	Length : 1- 255 characters or numeric(or both)
3.	PaymentCode	Payment Code/Subscribe Number	M	Length : 1-20 Format : alphanumeric
4.	Amount	Payment amount	M	Length : 12 numeric Format : double
5.	TrackingRef	TransactionID of Indomaret Store	M	Length : 1-20 Format : alphanumeric
6.	ProductCode	ProductCode for switching merchant	C	Length : 1-10 Format : alphanumeric
7.	StoreID	Store/BranchID of Indomaret	M	Length : 8 Format : alphanumeric
8.	Signature	Security Code (for detail explained by email)	M	Length:100 Format :HexaDecimal

Example

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReqPayment>
      <TimeStamp>2014-08-06 15:00:00</TimeStamp>
      <MessageID>20140806150000ABCD</MessageID>
      <PaymentCode>ABC123</PaymentCode>
      <Amount>50000</Amount>
      <TrackingRef>1876500001</TrackingRef>
      <ProductCode>123000<ProductCode>
      <StoreID>G001T001</StoreID>
      <Signature>BB49486B420A7E7ADA619380CC37F45C52FF7A1F1A498679FC5775
A3F3F6D25558F5193B959154544899554016F2F383</Signature>
    </ ReqPayment>
  </soap:Body>
</soap:Envelope>
```

XML Payment Response

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ResPayment>
      <TimeStamp>yyyy-MM-dd HH:mm:ss</TimeStamp>
      <MessageID></MessageID>
      <ResponseCode></ResponseCode>
      <ResponseDesc></ResponseDesc>
      <TrackingRef></TrackingRef>
      <StoreID></StoreID>
      <ReceiptCode></ReceiptCode>
      <Message></Message>
    </ResPayment>
  </soap:Body>
</soap:Envelope>
```

PaymentRes Field :

No.	Nama Kolom	Deskripsi	Type	Format
1.	TimeStamp	Date and time of response message	M	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, followed by a colon(":")
2.	MessageID	Unique Identifier for every message exchange(Request and Response)	M	Length : 1- 255 characters or numeric(or both)
3.	ResponseCode	Response code from Switcher/Biller	M	Length : 2 Format : numeric
4.	ResponseDesc	Response description from Switcher/Biller	M	Length : 1- 255 characters
5.	TrackingRef	TransactionID of Indomaret Store	M	Length : 1-20 Format : alphanumeric
6.	StoreID	Store/BranchID of Indomaret	M	Length : 1-20 Format : alphanumeric
7.	ReceiptCode	Unique Code from partner for successful transaction	C	Length : 1-20 Format : alphanumeric
8.	Message	Optional information on Receipt Footer	C	Format : text Format : alphanumeric

Example

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ResPayment>
      <TimeStamp>2014-08-06 15:00:00</TimeStamp>
      <MessageID>20140806150000ABCD</MessageID>
      <ResponseCode>00</ResponseCode>
      <ResponseDesc>Success</ResponseDesc>
      <TrackingRef>1876500001</TrackingRef>
      <StoreID>G001T001</StoreID>
      <ReceiptCode>XXXXXXXX</ReceiptCode>
      <Message>YYYYY</Message>
    </ResPayment>
  </soap:Body>
</soap:Envelope>
```

XML Reversal Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReqReversal>
      <TimeStamp>yyyy-MM-dd HH:mm:ss</TimeStamp>
      <MessageID></MessageID>
      <PaymentCode> </PaymentCode>
      <Amount> </Amount>
      <TrackingRef></TrackingRef>
      <ProductCode> <ProductCode>
      <StoreID> </StoreID>
      <Signature> </Signature>
    </ReqReversal>
  </soap:Body>
</soap:Envelope>
```

No.	Nama Kolom	Deskripsi	Type	Format
1.	TimeStamp	Date and time of request message	M	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, followed by a colon(":")
2.	MessageID	Unique Identifier for every message exchange(Request and Response)	M	Length : 1- 255 characters or numeric(or both)
3.	PaymentCode	Payment Code/Subscribe Number	M	Length : 1-20 Format : alphanumeric
4.	Amount	Payment amount	M	Length : 12 numeric Format : double
5.	TrackingRef	TransactionID of Indomaret Store	M	Length : 1-20 Format : alphanumeric
6.	ProductCode	ProductCode for switching merchant		Length : 1-10 Format : alphanumeric
7.	StoreID	Store/BranchID of Indomaret	M	Length : 8 Format : alphanumeric
8.	Signature	Security Code (for detail explained by email)	M	Length:100 Format: Hexadecimal

Example

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReqReversal>
      <TimeStamp>2014-08-06 15:00:00</TimeStamp>
      <MessageID>20140806150000ABCD</MessageID>
      <PaymentCode>ABC123</PaymentCode>
      <Amount>50000</Amount>
      <TrackingRef>1876500001</TrackingRef>
      <ProductCode>123000<ProductCode>
      <StoreID>G001T001</StoreID>
      <Signature>BB49486B420A7E7ADA619380CC37F45C52FF7A1F1A498679FC5775
A3F3F6D25558F5193B959154544899554016F2F383</Signature>
    </ ReqReversal>
  </soap:Body>
</soap:Envelope>
```

XML Reversal Response

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ResReversal>
      <TimeStamp>yyyy-MM-dd HH:mm:ss</TimeStamp>
      <MessageID></MessageID>
      <ResponseCode></ResponseCode>
      <ResponseDesc></ResponseDesc>
      <TrackingRef></TrackingRef>
      <StoreID></StoreID>
    </ResReversal>
  </soap:Body>
</soap:Envelope>
```

PaymentRes Field :

No.	Nama Kolom	Deskripsi	Type	Format
1.	TimeStamp	Date and time of response message	M	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, followed by a colon(":")
2.	MessageID	Unique Identifier for every message exchange(Request and Response)	M	Length : 1- 255 characters or numeric(or both)
3.	ResponseCode	Response code from Switcher/Biller	M	Length : 2 Format : numeric
4.	ResponseDesc	Response description from Switcher/Biller	M	Length : 1- 255 characters
5.	TrackingRef	TransactionID of Indomaret Store	M	Length : 1-20 Format : alphanumeric
6.	StoreID	Store/BranchID of Indomaret	M	Length : 8 Format : alphanumeric

Example

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ReReversal>
      <TimeStamp>2014-08-06 15:00:00</TimeStamp>
      <MessageID>20140806150000ABCD</MessageID>
      <ResponseCode>00</ResponseCode>
      <ResponseDesc>success</ResponseDesc>
      <TrackingRef>1876500001</TrackingRef>
      <StoreID>G001T001</StoreID>
    </ReReversal>
  </soap:Body>
</soap:Envelope>
```

Note:

- Partner can request Phone Number for the settlement file.
 - Some ResponseCode that cannot be used, which are;
 - 99 – Reversal Timeout
 - 21 – Push Timeout
- The ResponseCode for success transaction is "00"