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planet

3cXml "ECR-POS" Integration

WORKED EXAMPLES

Document details

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1.00	05/08/2022	Colin Lunn	Initial Version

Errors, Improvements and Amendments

If you would like to inform us of any errors in, or suggest amendments or improvements to, this document, please send your comments by email to support@mwc-partners.com

Contents

Reference Documents

Ref.	Document
1	**3cXml-specs-3.0.5-ecr-pos.pdf -** 3cXml "ECR-POS" Protocol Reference Specification
2	**01_SE_Integration_Validation.xlsx –** Planet Payments Integration Test Script

1   Introduction

This document details worked examples of transactions and process flows for integration to Planet Payments using the 3cXml protocol.

The aim of this document is to aid with the development of a direct integration with Planet Payment solution. This is achieved by providing proven worked examples of real-world use cases. For each example, the requests and responses are detailed in the order they appear and with details of the content for each of them.

The worked examples are based on the Planet Payments Integration Test Script (Ref. document 2).

1.1   Notation

The following notation format is used to detail each Request and Response. Each request/response is split into the Header and Payload. Any fields or values of significance are highlighted in Yellow and detailed in the notes section at the end of each request/response message:

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000237"`
	`        RequesterTransRefNum="005-051-000237"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>1</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324102429</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

1.2 Payment Process

This process flow is used to complete a payment via Planet's cloud-hosted solution:

The 3cXml integration detailed in these worked examples is the exchange of messages between the Payment Connector and Planet Host.

1.3   Worked Examples Included

1.3.1   Payment Test Cases

The following payment test cases from the Planet Integration Validation Script are included in this document:

Test Case	Entry Mode	Test Scenario	Outcome
1	C-Less	Customer Purchase	Accepted
2	C-Less	Customer rejection after payment	Accepted
3	C-Less	Customer requests refund	Accepted
4	C-Less	Cancellation of refund	Accepted
5	T-PKE	Customer Purchase	Accepted
6	T-PKE	Customer rejection after payment	Accepted
7	T-PKE	Customer requests refund	Accepted
8	T-PKE	Cancellation of refund	Accepted
13	MSR	Customer Purchase	Accepted
14	MSR	Customer rejection after payment	Accepted
15	MSR	Customer requests refund	Accepted
16	MSR	Cancellation of refund	Accepted
17	EMV	Customer Purchase	Accepted
18	EMV	Customer rejection after payment	Accepted
19	EMV	Customer requests refund	Accepted
20	EMV	Cancellation of refund	Accepted

1.3.2   Payment DCC Cases

The following payment DCC cases are included in this document:

Test Case	Entry Mode	Test Scenario	Outcome
DCC1	EMV	Customer Purchase.	Accepted
DCC2	EMV	Customer rejection after payment.	Accepted

1.3.3   Payment Error Cases

The following payment error cases are included in this document:

Test Case	Entry Mode	Test Scenario	Outcome
E1	EMV	Timeout inserting card	Rejected
E2	EMV	User cancels payment	Rejected
E4	EMV	Auth Declined	Rejected
E5	EMV	Host Unavailable	Rejected
E6	EMV	Unable to send response back to POS	Rejected

1.4 Worked Examples Not Included

1.4.1 Payment Test Cases Not Included

The following optional/additional payment test cases from the Planet Integration Validation Script are not included in this document at this time:

Test Case	Entry Mode	Test Scenario	Outcome
9	P-PKE	Customer Purchase	N/A
10	P-PKE	Customer rejection after payment	N/A
11	P-PKE	Customer requests refund	N/A
12	P-PKE	Cancellation of refund	N/A

Test Case	Entry Mode	Test Scenario	Outcome
E3	EMV	Refer to Issuer	N/A

Test Case	Entry Mode	Test Scenario	Outcome
AD1	C-Less	Customer Purchase with Tip	Accepted
AD2	C-Less	Customer rejection after payment and Tip	Accepted
AD3	EMV	Customer Purchase with Tip	Accepted
AD4	EMV	Customer rejection after payment and Tip	Accepted
AD3	C-Less	Customer Purchase with Pennies Donation (Round-up)	Accepted
AD4	C-Less	Customer rejection after payment and Donation (Round-up)	Accepted
AD5	EMV	Customer Purchase with Donation (Round-up)	Accepted
AD6	EMV	Customer rejection after payment and Donation (Round-up)	Accepted
AD7	C-Less	Customer Purchase with Pennies Donation (Top-up)	Accepted
AD8	C-Less	Customer rejection after payment and Donation (Top-up)	Accepted
AD9	EMV	Customer Purchase with Donation (Top-up)	Accepted
AD10	EMV	Customer rejection after payment and Donation (Top-up)	Accepted

2 Payment Worked Examples

2.1 Test Case 1: Contactless – Customer Purchase – Accepted

2.1.1 Payment Request

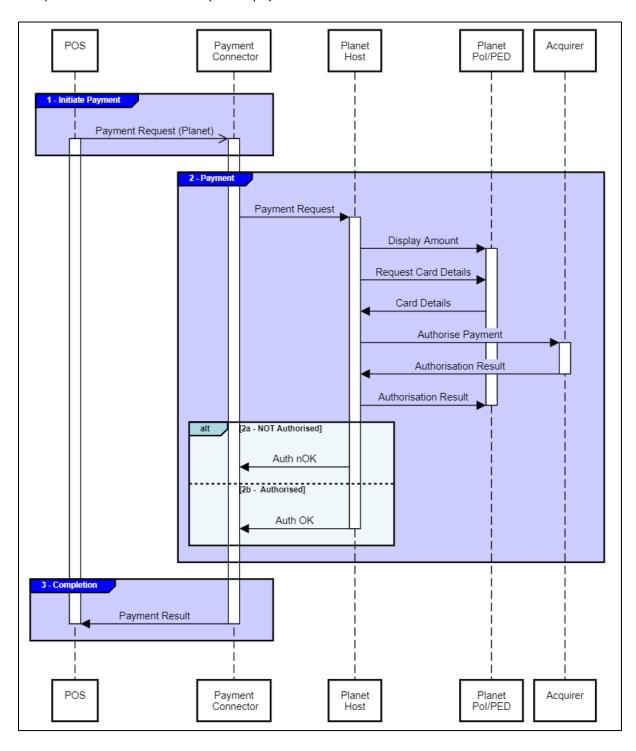| Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`         SequenceNumber="000237"`
	`         RequesterTransRefNum="005-051-000237"`
	`         RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>1</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324102429</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.1.2 Payment Response – Successful

Header	200 OK

Payload	<Response RequesterLocationId="001210"
	          RequesterStationId=""
	          RequesterTransRefNum="005-051-000237"
	          SequenceNumber="000237"
	          Type="EftSettlementEmv">
	    <Amount>1.00</Amount>
	    <AmountExtra>0.00</AmountExtra>
	    <AmountUsed>1.00</AmountUsed>
	    <BankAuthCode>897209</BankAuthCode>
	    <BankResultCode>00</BankResultCode>
	    <BinAmount>0.0</BinAmount>
	    <BinRate>0.0</BinRate>
	    <CardExpiryDate>1225</CardExpiryDate>
	    <CardFunctionId>CC</CardFunctionId>
	    <CardFunctionName>Credit Card</CardFunctionName>
	    <CardInputMethod>P</CardInputMethod>
	    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
	    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
	    <CardNumber>541333xxxxxx0408</CardNumber>
	    <CardSchemeId>MC</CardSchemeId>
	    <CardSchemeName>MASTERCARD</CardSchemeName>
	    <CurrencyUsed>GBP</CurrencyUsed>
	    <DCCFlag>N</DCCFlag>
	    <EftSettlementType>Sale-Terminal</EftSettlementType>
	    <LocalAmount>0.0</LocalAmount>
	    <MerchantId>102003478</MerchantId>
	    <Message>APPROVED /063022</Message>
	    <PrintReceipt>2</PrintReceipt>
	    <PrintData1>--------------------------MERCHANT COPY-------------
	---------------DATE: 24/03/21 11:21----------------------------
	SALEMASTERCARDPAN: ***********0408CARD EXPY: 2512--------------------
	--------A P P R O V E DAUTH CODE: 897209TERMINAL ID: 29K00648MERCHANT
	ID: 102003478TRX.REF. NO.: 0808-------------------------ACCOUNT
	WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT:
	GBP1.00==========================----------------------------
	</PrintData1>
	    <PrintData2>-------------------------CARDHOLDER COPYPLEASE
	RETAIN THIS COPYTHANK YOU-------------------------DATE: 24/03/21
	11:21--------------------------SALEMASTERCARDPAN:
	***********0408CARD EXPY: ****----------------------------A P P R O V
	E DAUTH CODE: 897209TERMINAL ID: 29K00648MERCHANT ID:
	102003478TRX.REF. NO.: 0808-------------------------ACCOUNT WILL BE
	DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT:
	GBP1.00==========================----------------------------
	</PrintData2>
	    <Result>A</Result>
	    <ResultReason>00</ResultReason>
	    <TransRefNum>0808</TransRefNum>
	    <EmvTerminalId>00001571</EmvTerminalId>
	    <EmvApplicationId>A0000000041010</EmvApplicationId>
	    <EmvPinVerified>N</EmvPinVerified>
	    <EmvCryptogram>E0E92F4B3EE9F8D7</EmvCryptogram>
	    <EmvCryptogramType>80</EmvCryptogramType>
	    <EmvUnpredictableNumber>5055130C</EmvUnpredictableNumber>
	    <BankTerminalId>29K00648</BankTerminalId>
	    <SignatureRequired>N</SignatureRequired>

```
      <Token>5406849415480408</Token>
      <DCCMarkup>3</DCCMarkup>
      <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	P = Proximity (contactless NFC).
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.2 Test Case 2: Contactless – Customer Rejection After Payment – Accepted

2.2.1 Payment Request

Header	POST /000137/14601 HTTP/1.1
	Host: integrator-uat.six-integra.com:14601
Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000238"`
	`        RequesterTransRefNum="005-051-000238"`
	`        RequesterLocationId="001210">`
	`  <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`  <Amount>2</Amount>`
	`  <EmvTerminalId>00001571</EmvTerminalId>`
	`  <EmvScenarioId>DT</EmvScenarioId>`
	`  <CurrencyUsed>GBP</CurrencyUsed>`
	`  <TimeStamp>20210324102957</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet:
		e.g. 000137 – Path Identifier to the Fronted Application serving your integration
		e.g. 14601 – Local listening port on the Frontend Application
		** Important note ** The local listening port is different from the host port and must be able to be configured separately
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… ** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.2.2 Payment Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"` `          RequesterStationId=""` `          RequesterTransRefNum="005-051-000238"` `          SequenceNumber="000238"` `          Type="EftSettlementEmv">` `    <Amount>2.00</Amount>` `    <AmountExtra>0.00</AmountExtra>` `    <AmountUsed>2.00</AmountUsed>` `    <BankAuthCode>138209</BankAuthCode>` `    <BankResultCode>00</BankResultCode>` `    <BinAmount>0.0</BinAmount>` `    <BinRate>0.0</BinRate>` `    <CardExpiryDate>1225</CardExpiryDate>` `    <CardFunctionId>CC</CardFunctionId>` `    <CardFunctionName>Credit Card</CardFunctionName>` `    <CardInputMethod>P</CardInputMethod>` `    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>` `    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>` `    <CardNumber>541333xxxxxx0408</CardNumber>` `    <CardSchemeId>MC</CardSchemeId>` `    <CardSchemeName>MASTERCARD</CardSchemeName>` `    <CurrencyUsed>GBP</CurrencyUsed>` `    <DCCFlag>N</DCCFlag>` `    <EftSettlementType>Sale-Terminal</EftSettlementType>` `    <LocalAmount>0.0</LocalAmount>` `    <MerchantId>102003478</MerchantId>` `    <Message>APPROVED /063056</Message>` `    <PrintReceipt>2</PrintReceipt>` ` <PrintData1>--------------------------MERCHANT COPY--------------------------DATE: 24/03/21 11:27----------------------------SALEMASTERCARDPAN: ***********0408CARD EXPY: 2512----------------------------A P P R O V E DAUTH CODE: 138209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0809--------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00===========================---------------------------` `</PrintData1>` ` <PrintData2>--------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21 11:27--------------------------SALEMASTERCARDPAN: ***********0408CARD EXPY: ****----------------------------A P P R O V E DAUTH CODE: 138209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0809--------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00===========================---------------------------` `</PrintData2>` ` <Result>A</Result>` ` <ResultReason>00</ResultReason>` ` <TransRefNum>0809</TransRefNum>` ` <EmvTerminalId>00001571</EmvTerminalId>` ` <EmvApplicationId>A0000000041010</EmvApplicationId>` ` <EmvPinVerified>N</EmvPinVerified>` ` <EmvCryptogram>66062530ACCB71B5</EmvCryptogram>` ` <EmvCryptogramType>80</EmvCryptogramType>` ` <EmvUnpredictableNumber>78B7CEA9</EmvUnpredictableNumber>` ` <BankTerminalId>29K00648</BankTerminalId>` ` <SignatureRequired>N</SignatureRequired>`

```
      <Token>5324567433500408</Token>
      <DCCMarkup>3</DCCMarkup>
      <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the request.
	EftSettlementType	This field must match the request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	P = Proximity (contactless NFC).
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.2.3   Payment Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	```<Request Type="EftSettlementEmv"```
	``` SequenceNumber="000238"```
	``` RequesterTransRefNum="005-051-000238"```
	``` RequesterLocationId="001210">```
	``` <EftSettlementType>Sale-Reversal</EftSettlementType>```
	``` <Amount>2</Amount>```
	``` <EmvTerminalId>00001571</EmvTerminalId>```
	``` <CurrencyUsed>GBP</CurrencyUsed>```
	``` <CardInputMethod>M</CardInputMethod>```
	``` <TimeStamp>20210324103042</TimeStamp>```
	```</Request>```

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a payment reversal these fields must match the original payment request.
	EftSettlementType	For a payment reversal this must be set to Sale-Reversal.
	Amount	For a payment reversal the amount must match the amount of the original payment request.
	CurrencyUsed	For a payment reversal the currency used must match the currency of the original payment request.
	CardInputMethod	For a payment reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.2.4 Payment Reversal Response – Successful

Header	200 OK
Payload	<Response RequesterLocationId="001210" RequesterStationId="" RequesterTransRefNum="005-051-000238" SequenceNumber="000238" Type="EftSettlementEmv"> <Amount>2.00</Amount> <AmountExtra>0.00</AmountExtra> <AmountUsed>2.00</AmountUsed> <BankAuthCode>138209</BankAuthCode> <BankResultCode>00</BankResultCode> <BinAmount>2.39</BinAmount> <BinCurrency>EUR</BinCurrency> <BinRate>1.192566</BinRate> <CardExpiryDate>1225</CardExpiryDate> <CardFunctionId>CC</CardFunctionId> <CardFunctionName>Credit Card</CardFunctionName> <CardInputMethod>M</CardInputMethod> <CardInvoiceCompanyId>EU</CardInvoiceCompanyId> <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName> <CardNumber>541333xxxxxx0408</CardNumber> <CardSchemeId>MC</CardSchemeId> <CardSchemeName>MASTERCARD</CardSchemeName> <CurrencyUsed>GBP</CurrencyUsed> <DCCFlag>N</DCCFlag> <EftSettlementType>Sale-Reversal</EftSettlementType> <LocalAmount>2.0</LocalAmount> <LocalCurrency>GBP</LocalCurrency> <MerchantId>102003478</MerchantId> <Message>APPROVED /063056</Message> <PrintReceipt>2</PrintReceipt> <PrintData1>----------------------------MERCHANT COPY---------------------------DATE: 24/03/21 11:27----------------------------MASTERCARDPAN: ***********0408CARD EXPY: 2512CARD-ENTRY: KEYED--------------------------C A N C E L L E DAUTH CODE: 138209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0810--------------------------TRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00==========================SIGNATURE REQUIRED-----------------------------------</PrintData1> <PrintData2>----------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21 11:27----------------------------MASTERCARDPAN: ***********0408CARD EXPY: ****CARD-ENTRY: KEYED--------------------------C A N C E L L E DAUTH CODE: 138209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0810--------------------------TRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00==========================SIGNATURE VERIFIED--------------------------</PrintData2> <Result>A</Result> <ResultReason>00</ResultReason> <TransRefNum>0810</TransRefNum> <EmvTerminalId>00001571</EmvTerminalId> <EmvPinVerified>N</EmvPinVerified> <BankTerminalId>29K00648</BankTerminalId> <SignatureRequired>N</SignatureRequired> <DCCMarkup>3</DCCMarkup> <Country>GBR</Country> </Response>

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
	EftSettlementType	This field must match the reversal request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	M = Maunal Entry
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number

2.3 Test Case 3: Contactless – Customer Requests Refund – Accepted

2.3.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	```<Request Type="EftSettlementEmv"```
	       `SequenceNumber="000239"`
	       `RequesterTransRefNum="005-051-000239"`
	       `RequesterLocationId="001210">`
	  `<EftSettlementType>Refund-Terminal</EftSettlementType>`
	  `<Amount>3</Amount>`
	  `<EmvTerminalId>00001571</EmvTerminalId>`
	  `<EmvScenarioId>DT</EmvScenarioId>`
	  `<CurrencyUsed>GBP</CurrencyUsed>`
	  `<TimeStamp>20210324103536</TimeStamp>`
	`</Request>`

Notes:		
	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.3.2   Refund Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"` `          RequesterStationId=""` `          RequesterTransRefNum="005-051-000239"` `          SequenceNumber="000239"` `          Type="EftSettlementEmv">` `    <Amount>3.00</Amount>` `    <AmountExtra>0.00</AmountExtra>` `    <AmountUsed>3.00</AmountUsed>` `    <BankAuthCode>109209</BankAuthCode>` `    <BankResultCode>00</BankResultCode>` `    <BinAmount>0.0</BinAmount>` `    <BinRate>0.0</BinRate>` `    <CardExpiryDate>1225</CardExpiryDate>` `    <CardFunctionId>CC</CardFunctionId>` `    <CardFunctionName>Credit Card</CardFunctionName>` `    <CardInputMethod>S</CardInputMethod>` `    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>` `    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>` `    <CardNumber>541333xxxxxx0408</CardNumber>` `    <CardSchemeId>MC</CardSchemeId>` `    <CardSchemeName>MASTERCARD</CardSchemeName>` `    <CurrencyUsed>GBP</CurrencyUsed>` `    <DCCFlag>N</DCCFlag>` `    <EftSettlementType>Refund-Terminal</EftSettlementType>` `    <LocalAmount>0.0</LocalAmount>` `    <MerchantId>102003478</MerchantId>` `    <Message>APPROVED /063131</Message>` `    <PrintReceipt>2</PrintReceipt>` ` <PrintData1>--------------------------MERCHANT COPY--------------------------DATE: 24/03/21 11:32---------------------------REFUNDMASTERCARDPAN: ***********0408CARD EXPY: 2512CARD-ENTRY: SWIPED--------------------------A P P R O V E DAUTH CODE: 109209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0811--------------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP3.00TOTAL AMOUNT: GBP3.00==================================----------------------------</PrintData1>` ` <PrintData2>--------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21 11:32--------------------------REFUNDMASTERCARDPAN: ***********0408CARD EXPY: ****CARD-ENTRY: SWIPED--------------------------A P P R O V E DAUTH CODE: 109209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0811--------------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP3.00TOTAL AMOUNT: GBP3.00==================================----------------------------</PrintData2>` ` <Result>A</Result>` ` <ResultReason>00</ResultReason>` ` <TransRefNum>0811</TransRefNum>` ` <EmvTerminalId>00001571</EmvTerminalId>` ` <EmvApplicationId>A0000000041010</EmvApplicationId>` ` <EmvPinVerified>N</EmvPinVerified>` ` <BankTerminalId>29K00648</BankTerminalId>` ` <SignatureRequired>N</SignatureRequired>` ` <Token>5100346467900408</Token>` ` <DCCMarkup>3</DCCMarkup>` ` <Country>GBR</Country>`

	`</Response>`	
Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.4 Test Case 4: Contactless – Cancellation of Refund – Accepted

2.4.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000240"`
	`        RequesterTransRefNum="005-051-000240"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Refund-Terminal</EftSettlementType>`
	`    <Amount>4</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324103815</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.4.2   Refund Response – Successful

Header	200 OK

Payload	`<Response RequesterLocationId="001210"`
	`            RequesterStationId=""`
	`            RequesterTransRefNum="005-051-000240"`
	`            SequenceNumber="000240"`
	`            Type="EftSettlementEmv">`
	`    <Amount>4.00</Amount>`
	`    <AmountExtra>0.00</AmountExtra>`
	`    <AmountUsed>4.00</AmountUsed>`
	`    <BankAuthCode>329209</BankAuthCode>`
	`    <BankResultCode>00</BankResultCode>`
	`    <BinAmount>0.0</BinAmount>`
	`    <BinRate>0.0</BinRate>`
	`    <CardExpiryDate>1225</CardExpiryDate>`
	`    <CardFunctionId>CC</CardFunctionId>`
	`    <CardFunctionName>Credit Card</CardFunctionName>`
	`    <CardInputMethod>S</CardInputMethod>`
	`    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>`
	`    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>`
	`    <CardNumber>541333xxxxxx0408</CardNumber>`
	`    <CardSchemeId>MC</CardSchemeId>`
	`    <CardSchemeName>MASTERCARD</CardSchemeName>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <DCCFlag>N</DCCFlag>`
	`    <EftSettlementType>Refund-Terminal</EftSettlementType>`
	`    <LocalAmount>0.0</LocalAmount>`
	`    <MerchantId>102003478</MerchantId>`
	`    <Message>APPROVED /063156</Message>`
	`    <PrintReceipt>2</PrintReceipt>`
	`    <PrintData1>--------------------------MERCHANT COPY-------------`
	`---------------DATE: 24/03/21 11:35----------------------------`
	`REFUNDMASTERCARDPAN: ***********0408CARD EXPY: 2512CARD-ENTRY:`
	`SWIPED--------------------------A P P R O V E DAUTH CODE:`
	`329209TERMINAL ID:  29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0813-`
	`--------------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP4.00TOTAL`
	`AMOUNT: GBP4.00=================================-----------------------`
	`-</PrintData1>`
	`    <PrintData2>--------------------------CARDHOLDER COPYPLEASE`
	`RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21`
	`11:35--------------------------REFUNDMASTERCARDPAN:`
	`***********0408CARD EXPY: ****CARD-ENTRY: SWIPED--------------------`
	`-------A P P R O V E DAUTH CODE: 329209TERMINAL ID:  29K00648MERCHANT`
	`ID:  102003478TRX.REF. NO.: 0813--------------------------ACCOUNT`
	`CREDITEDTRANS.AMOUNT: GBP4.00TOTAL AMOUNT:`
	`GBP4.00=================================-----------------------------`
	`</PrintData2>`
	`    <Result>A</Result>`
	`    <ResultReason>00</ResultReason>`
	`    <TransRefNum>0813</TransRefNum>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvApplicationId>A0000000041010</EmvApplicationId>`
	`    <EmvPinVerified>N</EmvPinVerified>`
	`    <BankTerminalId>29K00648</BankTerminalId>`
	`    <SignatureRequired>N</SignatureRequired>`
	`    <Token>5654690642080408</Token>`
	`    <DCCMarkup>3</DCCMarkup>`
	`    <Country>GBR</Country>`

	</Response>	
Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.4.3 Refund Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	```<Request Type="EftSettlementEmv"```
	        `SequenceNumber="000240"`
	        `RequesterTransRefNum="005-051-000240"`
	        `RequesterLocationId="001210">`
	   `<EftSettlementType>Refund-Reversal</EftSettlementType>`
	   `<Amount>4</Amount>`
	   `<EmvTerminalId>00001571</EmvTerminalId>`
	   `<CurrencyUsed>GBP</CurrencyUsed>`
	   `<CardInputMethod>M</CardInputMethod>`
	   `<TimeStamp>20210324103904</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a refund reversal these fields must match the original refund request.
	EftSettlementType	For a refund reversal this must be set to Sale-Reversal.
	Amount	For a refund reversal the amount must match the amount of the original refund request.
	CurrencyUsed	For a refund reversal the currency used must match the currency of the original refund request.
	CardInputMethod	For a refund reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.4.4 Refund Reversal Response – Successful

Header	200 OK
Payload	```<Response RequesterLocationId="001210"```

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000240"
          SequenceNumber="000240"
          Type="EftSettlementEmv">
    <Amount>4.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>4.00</AmountUsed>
    <BankAuthCode>329209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>4.77</BinAmount>
    <BinCurrency>EUR</BinCurrency>
    <BinRate>1.192566</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0408</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Reversal</EftSettlementType>
    <LocalAmount>4.0</LocalAmount>
    <LocalCurrency>GBP</LocalCurrency>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063156</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>----------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:36----------------------------
MASTERCARDPAN: ***********0408CARD EXPY: 2512CARD-ENTRY: SWIPED------
----------------------C A N C E L L E DAUTH CODE: 329209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0814--------------------
-------TRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
GBP4.00===========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>----------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21
11:36---------------------------MASTERCARDPAN: ***********0408CARD
EXPY: ****CARD-ENTRY: SWIPED--------------------------C A N C E L L
E DAUTH CODE: 329209TERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0814--------------------------TRANS.AMOUNT:
GBP4.00TOTAL AMOUNT: GBP4.00===========================SIGNATURE
VERIFIED--------------------------</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0814</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5354950454970408</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
```

	`</Response>`	
Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
	EftSettlementType	This field must match the reversal request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.5 Test Case 5: PAN Key Entry – Customer Purchase – Accepted

2.5.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000241"`
	`            RequesterTransRefNum="005-051-000241"`
	`            RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>1</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324104218</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.5.2 Payment Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"`

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000241"
          SequenceNumber="000241"
          Type="EftSettlementEmv">
    <Amount>1.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>1.00</AmountUsed>
    <BankAuthCode>549209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>M</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Sale-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063179</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
--------------DATE: 24/03/21 11:39---------------------------
SALEMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: KEYED---
-------------------------A P P R O V E DAUTH CODE: 549209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0815--------------------
-------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT:
GBP1.00==========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
11:39--------------------------SALEMASTERCARDPAN:
***********0045CARD EXPY: ****CARD-ENTRY: KEYED---------------------
------A P P R O V E DAUTH CODE: 549209TERMINAL ID:  29K00648MERCHANT
ID:  102003478TRX.REF. NO.: 0815--------------------------ACCOUNT
WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT:
GBP1.00==========================SIGNATURE VERIFIED-----------------
-----------</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0815</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>Y</SignatureRequired>
    <Token>5800001470800045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	M = Manual Entry
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.6 Test Case 6: PAN Key Entry – Customer Rejection After Payment – Accepted

2.6.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000242"`
	`            RequesterTransRefNum="005-051-000242"`
	`            RequesterLocationId="001210">`
	`   <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`   <Amount>2</Amount>`
	`   <EmvTerminalId>00001571</EmvTerminalId>`
	`   <EmvScenarioId>DT</EmvScenarioId>`
	`   <CurrencyUsed>GBP</CurrencyUsed>`
	`   <TimeStamp>20210324104454</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.6.2 Payment Response – Successful

Header	200 OK
Payload	See XML below

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000242"
          SequenceNumber="000242"
          Type="EftSettlementEmv">
    <Amount>2.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>2.00</AmountUsed>
    <BankAuthCode>649209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>M</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Sale-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063180</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:42----------------------------
SALEMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: KEYED---
-------------------------A P P R O V E DAUTH CODE: 649209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0816--------------------
-------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00==========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
11:42---------------------------SALEMASTERCARDPAN:
***********0045CARD EXPY: ****CARD-ENTRY: KEYED--------------------
------A P P R O V E DAUTH CODE: 649209TERMINAL ID:  29K00648MERCHANT
ID:  102003478TRX.REF. NO.: 0816--------------------------ACCOUNT
WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00==========================SIGNATURE VERIFIED-----------------
-----------</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0816</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>Y</SignatureRequired>
    <Token>5112969213000045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the request.
	EftSettlementType	This field must match the request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	M = Manual Entry.
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.6.3 Payment Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000242"`
	`        RequesterTransRefNum="005-051-000242"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Reversal</EftSettlementType>`
	`    <Amount>2</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <CardInputMethod>M</CardInputMethod>`
	`    <TimeStamp>20210324104534</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a payment reversal these fields must match the original payment request.
	EftSettlementType	For a payment reversal this must be set to Sale-Reversal.
	Amount	For a payment reversal the amount must match the amount of the original payment request.
	CurrencyUsed	For a payment reversal the currency used must match the currency of the original payment request.
	CardInputMethod	For a payment reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.6.4 Payment Reversal Response – Successful

Header	200 OK
Payload	```<Response RequesterLocationId="001210"```

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000242"
          SequenceNumber="000242"
          Type="EftSettlementEmv">
   <Amount>2.00</Amount>
   <AmountExtra>0.00</AmountExtra>
   <AmountUsed>2.00</AmountUsed>
   <BankAuthCode>649209</BankAuthCode>
   <BankResultCode>00</BankResultCode>
   <BinAmount>2.39</BinAmount>
   <BinCurrency>EUR</BinCurrency>
   <BinRate>1.192566</BinRate>
   <CardExpiryDate>1225</CardExpiryDate>
   <CardFunctionId>CC</CardFunctionId>
   <CardFunctionName>Credit Card</CardFunctionName>
   <CardInputMethod>M</CardInputMethod>
   <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
   <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
   <CardNumber>541333xxxxxx0045</CardNumber>
   <CardSchemeId>MC</CardSchemeId>
   <CardSchemeName>MASTERCARD</CardSchemeName>
   <CurrencyUsed>GBP</CurrencyUsed>
   <DCCFlag>N</DCCFlag>
   <EftSettlementType>Sale-Reversal</EftSettlementType>
   <LocalAmount>2.0</LocalAmount>
   <LocalCurrency>GBP</LocalCurrency>
   <MerchantId>102003478</MerchantId>
   <Message>APPROVED /063180</Message>
   <PrintReceipt>2</PrintReceipt>
   <PrintData1>----------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:42----------------------------
MASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: KEYED-------
---------------------C A N C E L L E DAUTH CODE: 649209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0817--------------------
-------TRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00===========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
   <PrintData2>---------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21
11:42----------------------------MASTERCARDPAN: ***********0045CARD
EXPY: ****CARD-ENTRY: KEYED--------------------------C A N C E L L E
DAUTH CODE: 649209TERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0817--------------------------TRANS.AMOUNT:
GBP2.00TOTAL AMOUNT: GBP2.00===========================SIGNATURE
VERIFIED--------------------------</PrintData2>
   <Result>A</Result>
   <ResultReason>00</ResultReason>
   <TransRefNum>0817</TransRefNum>
   <EmvTerminalId>00001571</EmvTerminalId>
   <EmvPinVerified>N</EmvPinVerified>
   <BankTerminalId>29K00648</BankTerminalId>
   <SignatureRequired>N</SignatureRequired>
   <Token>5745208865330045</Token>
   <DCCMarkup>3</DCCMarkup>
   <Country>GBR</Country>
```

		</Response>	
Notes:		200 OK	This is the standard response for successful HTTP request
		Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
		EftSettlementType	This field must match the reversal request
		BankAuthCode	Authorisation Code from the acquiring bank
		CardInputMethod	M = Maunal Entry
		CardSchemeId	Type of card used
		Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
		ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
		TransRefNum	Planet's internal transaction reference number
		Token	Planet's Token

2.7 Test Case 7: PAN Key Entry – Customer Requests Refund – Accepted

2.7.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	<Request Type="EftSettlementEmv"
	    SequenceNumber="000243"
	    RequesterTransRefNum="005-051-000243"
	    RequesterLocationId="001210">
	  <EftSettlementType>Refund-Terminal</EftSettlementType>
	  <Amount>3</Amount>
	  <EmvTerminalId>00001571</EmvTerminalId>
	  <EmvScenarioId>DT</EmvScenarioId>
	  <CurrencyUsed>GBP</CurrencyUsed>
	  <TimeStamp>20210324104745</TimeStamp>
	</Request>

Notes:	

	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.7.2 Refund Response – Successful

Header	200 OK
| Payload | ```xml
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000243"
          SequenceNumber="000243"
          Type="EftSettlementEmv">
    <Amount>3.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>3.00</AmountUsed>
    <BankAuthCode>459209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>M</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063184</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>-------------------------MERCHANT COPY-------------
--------------DATE: 24/03/21 11:44----------------------------
REFUNDMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: KEYED-
--------------------------A P P R O V E DAUTH CODE: 459209TERMINAL
ID:  29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0818----------------
-----------ACCOUNT CREDITEDTRANS.AMOUNT: GBP3.00TOTAL AMOUNT:
GBP3.00=================================----------------------------
</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
11:44---------------------------REFUNDMASTERCARDPAN:
***********0045CARD EXPY: ****CARD-ENTRY: KEYED---------------------
-------A P P R O V E DAUTH CODE: 459209TERMINAL ID:  29K00648MERCHANT
ID:  102003478TRX.REF. NO.: 0818--------------------------ACCOUNT
CREDITEDTRANS.AMOUNT: GBP3.00TOTAL AMOUNT:
GBP3.00=================================----------------------------
</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0818</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5735829233250045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
``` |

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.8 Test Case 8: PAN Key Entry – Cancellation of Refund – Accepted

2.8.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	<Request Type="EftSettlementEmv"
	    SequenceNumber="000244"
	    RequesterTransRefNum="005-051-000244"
	    RequesterLocationId="001210">
	<EftSettlementType>Refund-Terminal</EftSettlementType>
	<Amount>4</Amount>
	<EmvTerminalId>00001571</EmvTerminalId>
	<EmvScenarioId>DT</EmvScenarioId>
	<CurrencyUsed>GBP</CurrencyUsed>
	<TimeStamp>20210324105026</TimeStamp>
	</Request>

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.8.2 Refund Response – Successful

Header	200 OK

Payload	<pre><Response RequesterLocationId="001210"
	          RequesterStationId=""
	          RequesterTransRefNum="005-051-000244"
	          SequenceNumber="000244"
	          Type="EftSettlementEmv">
	    <Amount>4.00</Amount>
	    <AmountExtra>0.00</AmountExtra>
	    <AmountUsed>4.00</AmountUsed>
	    <BankAuthCode>169209</BankAuthCode>
	    <BankResultCode>00</BankResultCode>
	    <BinAmount>0.0</BinAmount>
	    <BinRate>0.0</BinRate>
	    <CardExpiryDate>1225</CardExpiryDate>
	    <CardFunctionId>CC</CardFunctionId>
	    <CardFunctionName>Credit Card</CardFunctionName>
	    <CardInputMethod>M</CardInputMethod>
	    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
	    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
	    <CardNumber>541333xxxxxx0045</CardNumber>
	    <CardSchemeId>MC</CardSchemeId>
	    <CardSchemeName>MASTERCARD</CardSchemeName>
	    <CurrencyUsed>GBP</CurrencyUsed>
	    <DCCFlag>N</DCCFlag>
	    <EftSettlementType>Refund-Terminal</EftSettlementType>
	    <LocalAmount>0.0</LocalAmount>
	    <MerchantId>102003478</MerchantId>
	    <Message>APPROVED /063195</Message>
	    <PrintReceipt>2</PrintReceipt>
	    <PrintData1>--------------------------MERCHANT COPY-------------
	---------------DATE: 24/03/21 11:47----------------------------
	REFUNDMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: KEYED-
	---------------------------A P P R O V E DAUTH CODE: 169209TERMINAL
	ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0820---------------
	-----------ACCOUNT CREDITEDTRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
	GBP4.00=======================----------------------------
	</PrintData1>
	    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
	RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
	11:47--------------------------REFUNDMASTERCARDPAN:
	***********0045CARD EXPY: ****CARD-ENTRY: KEYED---------------------
	------A P P R O V E DAUTH CODE: 169209TERMINAL ID: 29K00648MERCHANT
	ID: 102003478TRX.REF. NO.: 0820--------------------------ACCOUNT
	CREDITEDTRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
	GBP4.00=======================----------------------------
	</PrintData2>
	    <Result>A</Result>
	    <ResultReason>00</ResultReason>
	    <TransRefNum>0820</TransRefNum>
	    <EmvTerminalId>00001571</EmvTerminalId>
	    <EmvPinVerified>N</EmvPinVerified>
	    <BankTerminalId>29K00648</BankTerminalId>
	    <SignatureRequired>N</SignatureRequired>
	    <Token>5593273572590045</Token>
	    <DCCMarkup>3</DCCMarkup>
	    <Country>GBR</Country>
	</Response></pre>

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.8.3 Refund Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000244"`
	`        RequesterTransRefNum="005-051-000244"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Refund-Reversal</EftSettlementType>`
	`    <Amount>4</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <CardInputMethod>M</CardInputMethod>`
	`    <TimeStamp>20210324105110</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a refund reversal these fields must match the original refund request.
	EftSettlementType	For a refund reversal this must be set to Sale-Reversal.
	Amount	For a refund reversal the amount must match the amount of the original refund request.
	CurrencyUsed	For a refund reversal the currency used must match the currency of the original refund request.
	CardInputMethod	For a refund reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.8.4 Refund Reversal Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"`

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000244"
          SequenceNumber="000244"
          Type="EftSettlementEmv">
    <Amount>4.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>4.00</AmountUsed>
    <BankAuthCode>169209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>4.77</BinAmount>
    <BinCurrency>EUR</BinCurrency>
    <BinRate>1.192566</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>M</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Reversal</EftSettlementType>
    <LocalAmount>4.0</LocalAmount>
    <LocalCurrency>GBP</LocalCurrency>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063195</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>----------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:48----------------------------
MASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: KEYED-------
--------------------C A N C E L L E DAUTH CODE: 169209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0821--------------------
-------TRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
GBP4.00==========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>----------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21
11:48---------------------------MASTERCARDPAN: ***********0045CARD
EXPY: ****CARD-ENTRY: KEYED--------------------------C A N C E L L E
DAUTH CODE: 169209TERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0821---------------------------TRANS.AMOUNT:
GBP4.00TOTAL AMOUNT: GBP4.00==========================SIGNATURE
VERIFIED---------------------------</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0821</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5915836557120045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
```

	`</Response>`	
Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
	EftSettlementType	This field must match the reversal request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.9 Test Case 13: Magstripe – Customer Purchase – Accepted

2.9.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000245"`
	`        RequesterTransRefNum="005-051-000245"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>1</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324105438</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.9.2 Payment Response – Successful

Header	200 OK
Payload	``` <Response RequesterLocationId="001210" RequesterStationId="" RequesterTransRefNum="005-051-000245" SequenceNumber="000245" Type="EftSettlementEmv"> <Amount>1.00</Amount> <AmountExtra>0.00</AmountExtra> <AmountUsed>1.00</AmountUsed> <BankAuthCode>669209</BankAuthCode> <BankResultCode>00</BankResultCode> <BinAmount>0.0</BinAmount> <BinRate>0.0</BinRate> <CardExpiryDate>1225</CardExpiryDate> <CardFunctionId>CC</CardFunctionId> <CardFunctionName>Credit Card</CardFunctionName> <CardInputMethod>S</CardInputMethod> <CardInvoiceCompanyId>EU</CardInvoiceCompanyId> <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName> <CardNumber>541333xxxxxx0045</CardNumber> <CardSchemeId>MC</CardSchemeId> <CardSchemeName>MASTERCARD</CardSchemeName> <CurrencyUsed>GBP</CurrencyUsed> <DCCFlag>N</DCCFlag> <EftSettlementType>Sale-Terminal</EftSettlementType> <LocalAmount>0.0</LocalAmount> <MerchantId>102003478</MerchantId> <Message>APPROVED /063206</Message> <PrintReceipt>2</PrintReceipt> <PrintData1>---------------------------MERCHANT COPY----------------------------DATE: 24/03/21 11:51----------------------------SALEMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: SWIPED----------------------------A P P R O V E DAUTH CODE: 669209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0822---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT: GBP1.00==========================SIGNATURE REQUIRED----------------------------</PrintData1> <PrintData2>---------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU---------------------------DATE: 24/03/21 11:51---------------------------SALEMASTERCARDPAN: ***********0045CARD EXPY: ****CARD-ENTRY: SWIPED----------------------------A P P R O V E DAUTH CODE: 669209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0822---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT: GBP1.00==========================SIGNATURE VERIFIED----------------------------</PrintData2> <Result>A</Result> <ResultReason>00</ResultReason> <TransRefNum>0822</TransRefNum> <EmvTerminalId>00001571</EmvTerminalId> <EmvPinVerified>N</EmvPinVerified> <BankTerminalId>29K00648</BankTerminalId> <SignatureRequired>Y</SignatureRequired> <Token>5587141539660045</Token> <DCCMarkup>3</DCCMarkup> <Country>GBR</Country> </Response> ```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	S = Swipe (Magstripe Track).
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.10 Test Case 14: Magstripe – Customer Rejection After Payment – Accepted

2.10.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000246"`
	`        RequesterTransRefNum="005-051-000246"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>2</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324105641</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.10.2 Payment Response – Successful

Header	200 OK
Payload	<Response RequesterLocationId="001210" RequesterStationId="" RequesterTransRefNum="005-051-000246" SequenceNumber="000246" Type="EftSettlementEmv"> <Amount>2.00</Amount> <AmountExtra>0.00</AmountExtra> <AmountUsed>2.00</AmountUsed> <BankAuthCode>879209</BankAuthCode> <BankResultCode>00</BankResultCode> <BinAmount>0.0</BinAmount> <BinRate>0.0</BinRate> <CardExpiryDate>1225</CardExpiryDate> <CardFunctionId>CC</CardFunctionId> <CardFunctionName>Credit Card</CardFunctionName> <CardInputMethod>S</CardInputMethod> <CardInvoiceCompanyId>EU</CardInvoiceCompanyId> <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName> <CardNumber>541333xxxxxx0045</CardNumber> <CardSchemeId>MC</CardSchemeId> <CardSchemeName>MASTERCARD</CardSchemeName> <CurrencyUsed>GBP</CurrencyUsed> <DCCFlag>N</DCCFlag> <EftSettlementType>Sale-Terminal</EftSettlementType> <LocalAmount>0.0</LocalAmount> <MerchantId>102003478</MerchantId> <Message>APPROVED /063220</Message> <PrintReceipt>2</PrintReceipt> <PrintData1>--------------------------MERCHANT COPY---------------------------DATE: 24/03/21 11:53----------------------------SALEMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: SWIPED---------------------------A P P R O V E DAUTH CODE: 879209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0823---------------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00=========================SIGNATURE REQUIRED----------------------------</PrintData1> <PrintData2>--------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU---------------------------DATE: 24/03/21 11:53----------------------------SALEMASTERCARDPAN: ***********0045CARD EXPY: ****CARD-ENTRY: SWIPED---------------------------A P P R O V E DAUTH CODE: 879209TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0823---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00=========================SIGNATURE VERIFIED----------------------------</PrintData2> <Result>A</Result> <ResultReason>00</ResultReason> <TransRefNum>0823</TransRefNum> <EmvTerminalId>00001571</EmvTerminalId> <EmvPinVerified>N</EmvPinVerified> <BankTerminalId>29K00648</BankTerminalId> <SignatureRequired>Y</SignatureRequired> <Token>5882297877190045</Token> <DCCMarkup>3</DCCMarkup> <Country>GBR</Country> </Response>

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the request.
	EftSettlementType	This field must match the request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	S = Swipe (Magstripe Track).
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.10.3 Payment Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`          SequenceNumber="000246"`
	`          RequesterTransRefNum="005-051-000246"`
	`          RequesterLocationId="001210">`
	`   <EftSettlementType>Sale-Reversal</EftSettlementType>`
	`   <Amount>2</Amount>`
	`   <EmvTerminalId>00001571</EmvTerminalId>`
	`   <CurrencyUsed>GBP</CurrencyUsed>`
	`   <CardInputMethod>M</CardInputMethod>`
	`   <TimeStamp>20210324105716</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a payment reversal these fields must match the original payment request.
	EftSettlementType	For a payment reversal this must be set to Sale-Reversal.
	Amount	For a payment reversal the amount must match the amount of the original payment request.
	CurrencyUsed	For a payment reversal the currency used must match the currency of the original payment request.
	CardInputMethod	For a payment reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.10.4 Payment Reversal Response – Successful

Header	200 OK
Payload	(see below)

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000246"
          SequenceNumber="000246"
          Type="EftSettlementEmv">
    <Amount>2.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>2.00</AmountUsed>
    <BankAuthCode>879209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>2.39</BinAmount>
    <BinCurrency>EUR</BinCurrency>
    <BinRate>1.192566</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Sale-Reversal</EftSettlementType>
    <LocalAmount>2.0</LocalAmount>
    <LocalCurrency>GBP</LocalCurrency>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063220</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>----------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:54----------------------------
MASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: SWIPED------
---------------------C A N C E L L E DAUTH CODE: 879209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0824--------------------
-------TRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00==========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>---------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21
11:54---------------------------MASTERCARDPAN: ***********0045CARD
EXPY: ****CARD-ENTRY: SWIPED--------------------------C A N C E L L
E DAUTH CODE: 879209TERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0824---------------------------TRANS.AMOUNT:
GBP2.00TOTAL AMOUNT: GBP2.00==========================SIGNATURE
VERIFIED--------------------------</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0824</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5695607243470045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
```

		</Response>	
Notes:	200 OK		This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId		These fields must all match the reversal request.
	EftSettlementType		This field must match the reversal request
	BankAuthCode		Authorisation Code from the acquiring bank
	CardInputMethod		S = Swipe (Magstripe Track).
	CardSchemeId		Type of card used
	Result		A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason		Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum		Planet's internal transaction reference number
	Token		Planet's Token

2.11 Test Case 15: Magstripe – Customer requests refund – Accepted

2.11.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`          SequenceNumber="000247"`
	`          RequesterTransRefNum="005-051-000247"`
	`          RequesterLocationId="001210">`
	`     <EftSettlementType>Refund-Terminal</EftSettlementType>`
	`     <Amount>3</Amount>`
	`     <EmvTerminalId>00001571</EmvTerminalId>`
	`     <EmvScenarioId>DT</EmvScenarioId>`
	`     <CurrencyUsed>GBP</CurrencyUsed>`
	`     <TimeStamp>20210324105905</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.11.2 Refund Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"`

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000247"
          SequenceNumber="000247"
          Type="EftSettlementEmv">
    <Amount>3.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>3.00</AmountUsed>
    <BankAuthCode>689209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063239</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:56----------------------------
REFUNDMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY:
SWIPED--------------------------A P P R O V E DAUTH CODE:
689209TERMINAL ID:  29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0825-
---------------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP3.00TOTAL
AMOUNT: GBP3.00==========================------------------------------
-</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
11:56--------------------------REFUNDMASTERCARDPAN:
***********0045CARD EXPY: ****CARD-ENTRY: SWIPED--------------------
--------A P P R O V E DAUTH CODE: 689209TERMINAL ID:  29K00648MERCHANT
ID:  102003478TRX.REF. NO.: 0825--------------------------ACCOUNT
CREDITEDTRANS.AMOUNT: GBP3.00TOTAL AMOUNT:
GBP3.00==========================----------------------------
</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0825</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5195488445270045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.12 Test Case 16: Magstripe – Cancellation of Refund – Accepted

2.12.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000248"`
	`            RequesterTransRefNum="005-051-000248"`
	`            RequesterLocationId="001210">`
	`    <EftSettlementType>Refund-Terminal</EftSettlementType>`
	`    <Amount>4</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324110048</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.12.2 Refund Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"`

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000248"
          SequenceNumber="000248"
          Type="EftSettlementEmv">
    <Amount>4.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>4.00</AmountUsed>
    <BankAuthCode>099209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063244</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:58---------------------------
REFUNDMASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY:
SWIPED--------------------------A P P R O V E DAUTH CODE:
099209TERMINAL ID:  29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0826-
--------------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP4.00TOTAL
AMOUNT: GBP4.00=============================-----------------------------
-</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
11:58--------------------------REFUNDMASTERCARDPAN:
***********0045CARD EXPY: ****CARD-ENTRY: SWIPED--------------------
-------A P P R O V E DAUTH CODE: 099209TERMINAL ID:  29K00648MERCHANT
ID:  102003478TRX.REF. NO.: 0826--------------------------ACCOUNT
CREDITEDTRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
GBP4.00=============================-----------------------------
</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0826</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5945643047550045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.12.3 Refund Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000248"`
	`        RequesterTransRefNum="005-051-000248"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Refund-Reversal</EftSettlementType>`
	`    <Amount>4</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <CardInputMethod>M</CardInputMethod>`
	`    <TimeStamp>20210324110126</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a refund reversal these fields must match the original refund request.
	EftSettlementType	For a refund reversal this must be set to Sale-Reversal.
	Amount	For a refund reversal the amount must match the amount of the original refund request.
	CurrencyUsed	For a refund reversal the currency used must match the currency of the original refund request.
	CardInputMethod	For a refund reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.12.4 Refund Reversal Response – Successful

Header	200 OK
Payload	```<Response RequesterLocationId="001210"```

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000248"
          SequenceNumber="000248"
          Type="EftSettlementEmv">
    <Amount>4.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>4.00</AmountUsed>
    <BankAuthCode>099209</BankAuthCode>
    <BankResultCode>00</BankResultCode>
    <BinAmount>4.77</BinAmount>
    <BinCurrency>EUR</BinCurrency>
    <BinRate>1.192566</BinRate>
    <CardExpiryDate>1225</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
    <CardNumber>541333xxxxxx0045</CardNumber>
    <CardSchemeId>MC</CardSchemeId>
    <CardSchemeName>MASTERCARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Reversal</EftSettlementType>
    <LocalAmount>4.0</LocalAmount>
    <LocalCurrency>GBP</LocalCurrency>
    <MerchantId>102003478</MerchantId>
    <Message>APPROVED /063244</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>----------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 11:58---------------------------
MASTERCARDPAN: ***********0045CARD EXPY: 2512CARD-ENTRY: SWIPED------
----------------------C A N C E L L E DAUTH CODE: 099209TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0827--------------------
-------TRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
GBP4.00==========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>---------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21
11:58---------------------------MASTERCARDPAN: ***********0045CARD
EXPY: ****CARD-ENTRY: SWIPED--------------------------C A N C E L L
E DAUTH CODE: 099209TERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0827--------------------------TRANS.AMOUNT:
GBP4.00TOTAL AMOUNT: GBP4.00==========================SIGNATURE
VERIFIED--------------------------</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0827</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>5571555729240045</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
```

	`</Response>`	
Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
	EftSettlementType	This field must match the reversal request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.13 Test Case 17: EMV Chip – Customer Purchase – Accepted

2.13.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	        `SequenceNumber="000249"`
	        `RequesterTransRefNum="005-051-000249"`
	        `RequesterLocationId="001210">`
	    `<EftSettlementType>Sale-Terminal</EftSettlementType>`
	    `<Amount>1</Amount>`
	    `<EmvTerminalId>00001571</EmvTerminalId>`
	    `<EmvScenarioId>DT</EmvScenarioId>`
	    `<CurrencyUsed>GBP</CurrencyUsed>`
	    `<TimeStamp>20210324110323</TimeStamp>`
	`</Request>`

Notes:		
	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.13.2 Payment Response – Successful

Header	200 OK
Payload	<Response RequesterLocationId="001210" 　　　　　RequesterStationId="" 　　　　　RequesterTransRefNum="005-051-000249" 　　　　　SequenceNumber="000249" 　　　　　Type="EftSettlementEmv"> 　　<Amount>1.00</Amount> 　　<AmountExtra>0.00</AmountExtra> 　　<AmountUsed>1.00</AmountUsed> 　　<BankAuthCode>120320</BankAuthCode> 　　<BankResultCode>00</BankResultCode> 　　<BinAmount>0.0</BinAmount> 　　<BinRate>0.0</BinRate> 　　<CardExpiryDate>1224</CardExpiryDate> 　　<CardFunctionId>CC</CardFunctionId> 　　<CardFunctionName>Credit Card</CardFunctionName> 　　<CardInputMethod>E</CardInputMethod> 　　<CardInvoiceCompanyId>AP</CardInvoiceCompanyId> 　　<CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName> 　　<CardNumber>374245xxxxx1009</CardNumber> 　　<CardSchemeId>AX</CardSchemeId> 　　<CardSchemeName>AMEX</CardSchemeName> 　　<CurrencyUsed>GBP</CurrencyUsed> 　　<DCCFlag>N</DCCFlag> 　　<EftSettlementType>Sale-Terminal</EftSettlementType> 　　<LocalAmount>0.0</LocalAmount> 　　<MerchantId>9425821733</MerchantId> 　　<Message>APPROVED</Message> 　　<PrintReceipt>2</PrintReceipt> 　　<PrintData1>---------------------------MERCHANT COPY---------------------------DATE: 24/03/21 12:00---------------------------SALEAXPAN: **********1009CARD EXPY: 2412CARD-ENTRY: ICC----------------------------A P P R O V E DAUTH CODE: 120320TERMINAL ID: 29K00648MERCHANT ID: 9425821733TRX.REF. NO.: 0828AID: A00000002501E30798E39EF25A87 80TVR: 0200008000TSI: E800AVN: 0001CVMR: 410302---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT: GBP1.00===========================PIN VERIFIED---------------------------</PrintData1> 　　<PrintData2>---------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU---------------------------DATE: 24/03/21 12:00---------------------------SALEAXPAN: **********1009CARD EXPY: ****CARD-ENTRY: ICC----------------------------A P P R O V E DAUTH CODE: 120320TERMINAL ID: 29K00648MERCHANT ID: 9425821733TRX.REF. NO.: 0828AID: A00000002501E30798E39EF25A87 80TVR: 0200008000TSI: E800AVN: 0001CVMR: 410302---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP1.00TOTAL AMOUNT: GBP1.00===========================PIN VERIFIED---------------------------</PrintData2> 　　<Result>A</Result> 　　<ResultReason>00</ResultReason> 　　<TransRefNum>0828</TransRefNum> 　　<EmvTerminalId>00001571</EmvTerminalId> 　　<EmvApplicationId>A00000002501</EmvApplicationId> 　　<EmvPinVerified>Y</EmvPinVerified> 　　<EmvCryptogram>E30798E39EF25A87</EmvCryptogram> 　　<EmvCryptogramType>80</EmvCryptogramType> 　　<EmvUnpredictableNumber>69AABBA2</EmvUnpredictableNumber>

```
      <BankTerminalId>29K00648</BankTerminalId>
      <SignatureRequired>N</SignatureRequired>
      <Token>3280826541811009</Token>
      <Country>GBR</Country>
      <SCATransRef>00016AX20210324120320</SCATransRef>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.14 Test Case 18: EMV Chip – Customer Rejection After Payment – Accepted

2.14.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000250"`
	`        RequesterTransRefNum="005-051-000250"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>2</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324110607</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.14.2 Payment Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"` `RequesterStationId=""` `RequesterTransRefNum="005-051-000250"` `SequenceNumber="000250"` `Type="EftSettlementEmv">` `<Amount>2.00</Amount>` `<AmountExtra>0.00</AmountExtra>` `<AmountUsed>2.00</AmountUsed>` `<BankAuthCode>120604</BankAuthCode>` `<BankResultCode>00</BankResultCode>` `<BinAmount>0.0</BinAmount>` `<BinRate>0.0</BinRate>` `<CardExpiryDate>1224</CardExpiryDate>` `<CardFunctionId>CC</CardFunctionId>` `<CardFunctionName>Credit Card</CardFunctionName>` `<CardInputMethod>E</CardInputMethod>` `<CardInvoiceCompanyId>AP</CardInvoiceCompanyId>` `<CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>` `<CardNumber>374245xxxxx1009</CardNumber>` `<CardSchemeId>AX</CardSchemeId>` `<CardSchemeName>AMEX</CardSchemeName>` `<CurrencyUsed>GBP</CurrencyUsed>` `<DCCFlag>N</DCCFlag>` `<EftSettlementType>Sale-Terminal</EftSettlementType>` `<LocalAmount>0.0</LocalAmount>` `<MerchantId>9425821733</MerchantId>` `<Message>APPROVED</Message>` `<PrintReceipt>2</PrintReceipt>` `<PrintData1>---------------------------MERCHANT COPY---------------------------DATE: 24/03/21 12:03---------------------------SALEAXPAN: **********1009CARD EXPY: 2412CARD-ENTRY: ICC----------------------------A P P R O V E DAUTH CODE: 120604TERMINAL ID: 29K00648MERCHANT ID: 9425821733TRX.REF. NO.: 0829AID: A00000002501334D9C5E555EE709 80TVR: 0200008000TSI: E800AVN: 0001CVMR: 410302---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00===========================PIN VERIFIED---------------------------</PrintData1>`   `<PrintData2>---------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU---------------------------DATE: 24/03/21 12:03---------------------------SALEAXPAN: **********1009CARD EXPY: ****CARD-ENTRY: ICC---------------------------A P P R O V E DAUTH CODE: 120604TERMINAL ID: 29K00648MERCHANT ID: 9425821733TRX.REF. NO.: 0829AID: A00000002501334D9C5E555EE709 80TVR: 0200008000TSI: E800AVN: 0001CVMR: 410302---------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: GBP2.00TOTAL AMOUNT: GBP2.00===========================PIN VERIFIED---------------------------</PrintData2>`   `<Result>A</Result>`   `<ResultReason>00</ResultReason>`   `<TransRefNum>0829</TransRefNum>`   `<EmvTerminalId>00001571</EmvTerminalId>`   `<EmvApplicationId>A00000002501</EmvApplicationId>`   `<EmvPinVerified>Y</EmvPinVerified>`   `<EmvCryptogram>334D9C5E555EE709</EmvCryptogram>`   `<EmvCryptogramType>80</EmvCryptogramType>`   `<EmvUnpredictableNumber>29DFC826</EmvUnpredictableNumber>`

| | ```
<BankTerminalId>29K00648</BankTerminalId>
<SignatureRequired>N</SignatureRequired>
<Token>3855865348711009</Token>
<Country>GBR</Country>
<SCATransRef>00016AX20210324120604</SCATransRef>
</Response>
``` | |
Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the request.
	EftSettlementType	This field must match the request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.14.3 Payment Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000250"`
	`        RequesterTransRefNum="005-051-000250"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Reversal</EftSettlementType>`
	`    <Amount>2</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <CardInputMethod>M</CardInputMethod>`
	`    <TimeStamp>20210324110649</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a payment reversal these fields must match the original payment request.
	EftSettlementType	For a payment reversal this must be set to Sale-Reversal.
	Amount	For a payment reversal the amount must match the amount of the original payment request.
	CurrencyUsed	For a payment reversal the currency used must match the currency of the original payment request.
	CardInputMethod	For a payment reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.14.4 Payment Reversal Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"`

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000250"
          SequenceNumber="000250"
          Type="EftSettlementEmv">
    <Amount>2.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>2.00</AmountUsed>
    <BankAuthCode>120648</BankAuthCode>
    <BankResultCode/>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1224</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>E</CardInputMethod>
    <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
    <CardNumber>374245xxxxx1009</CardNumber>
    <CardSchemeId>AX</CardSchemeId>
    <CardSchemeName>AMEX</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Sale-Reversal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>9425821733</MerchantId>
    <Message>Approved</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
--------------DATE: 24/03/21 12:04---------------------------AXPAN:
**********1009CARD EXPY: 2412CARD-ENTRY: ICC------------------------
---C A N C E L L E DAUTH CODE: 120648TERMINAL ID:  29K00648MERCHANT
ID:  9425821733TRX.REF. NO.: 0830AID:  TVR: TSI: AVN: CVMR: ----------
------------------TRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00===========================SIGNATURE REQUIRED-----------------
-----------</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
12:04--------------------------AXPAN: **********1009CARD EXPY:
****CARD-ENTRY: ICC---------------------------C A N C E L L E DAUTH
CODE: 120648TERMINAL ID:  29K00648MERCHANT ID:  9425821733TRX.REF.
NO.: 0830AID:  TVR: TSI: AVN: CVMR: ---------------------------
TRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00===========================SIGNATURE VERIFIED-----------------
-----------</PrintData2>
    <Result>A</Result>
    <ResultReason>XO</ResultReason>
    <TransRefNum>0830</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>3398355674631009</Token>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
	EftSettlementType	This field must match the reversal request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.15 Test Case 19: EMV Chip – Customer requests refund – Accepted

2.15.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000251"`
	`            RequesterTransRefNum="005-051-000251"`
	`            RequesterLocationId="001210">`
	`    <EftSettlementType>Refund-Terminal</EftSettlementType>`
	`    <Amount>3</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324110833</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.15.2 Refund Response – Successful

Header	200 OK
Payload	<Response RequesterLocationId="001210"

```xml
<Response RequesterLocationId="001210"
         RequesterStationId=""
         RequesterTransRefNum="005-051-000251"
         SequenceNumber="000251"
         Type="EftSettlementEmv">
    <Amount>3.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>3.00</AmountUsed>
    <BankAuthCode/>
    <BankResultCode>XO</BankResultCode>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1224</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
    <CardNumber>374245xxxxx1009</CardNumber>
    <CardSchemeId>AX</CardSchemeId>
    <CardSchemeName>AMEX</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>9425821733</MerchantId>
    <Message>Approved</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 12:05----------------------------
REFUNDAXPAN: **********1009CARD EXPY: 2412CARD-ENTRY: SWIPED---------
------------------A P P R O V E DTERMINAL ID:  29K00648MERCHANT ID:
9425821733TRX.REF. NO.: 0831--------------------------ACCOUNT
CREDITEDTRANS.AMOUNT: GBP3.00TOTAL AMOUNT:
GBP3.00===================================----------------------------
</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
12:05--------------------------REFUNDAXPAN: **********1009CARD
EXPY: ****CARD-ENTRY: SWIPED--------------------------A P P R O V E
DTERMINAL ID:  29K00648MERCHANT ID:  9425821733TRX.REF. NO.: 0831-----
----------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP3.00TOTAL
AMOUNT: GBP3.00===================================----------------------
-</PrintData2>
    <Result>A</Result>
    <ResultReason>XO</ResultReason>
    <TransRefNum>0831</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>3403436687281009</Token>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.16 Test Case 20: EMV Chip – Cancellation of Refund – Accepted

2.16.1 Refund Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000252"`
	`            RequesterTransRefNum="005-051-000252"`
	`            RequesterLocationId="001210">`
	`    <EftSettlementType>Refund-Terminal</EftSettlementType>`
	`    <Amount>4</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324111009</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Refund-Terminal" for a Refund using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.16.2 Refund Response – Successful

Header	200 OK
Payload	<pre><Response RequesterLocationId="001210"
RequesterStationId=""
RequesterTransRefNum="005-051-000252"
SequenceNumber="000252"
Type="EftSettlementEmv">
<Amount>4.00</Amount>
<AmountExtra>0.00</AmountExtra>
<AmountUsed>4.00</AmountUsed>
<BankAuthCode/>
<BankResultCode>XO</BankResultCode>
<BinAmount>0.0</BinAmount>
<BinRate>0.0</BinRate>
<CardExpiryDate>1224</CardExpiryDate>
<CardFunctionId>CC</CardFunctionId>
<CardFunctionName>Credit Card</CardFunctionName>
<CardInputMethod>S</CardInputMethod>
<CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
<CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
<CardNumber>374245xxxxx1009</CardNumber>
<CardSchemeId>AX</CardSchemeId>
<CardSchemeName>AMEX</CardSchemeName>
<CurrencyUsed>GBP</CurrencyUsed>
<DCCFlag>N</DCCFlag>
<EftSettlementType>Refund-Terminal</EftSettlementType>
<LocalAmount>0.0</LocalAmount>
<MerchantId>9425821733</MerchantId>
<Message>Approved</Message>
<PrintReceipt>2</PrintReceipt>
<PrintData1>---------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 12:07---------------------------
REFUNDAXPAN: **********1009CARD EXPY: 2412CARD-ENTRY: SWIPED---------
-------------------A P P R O V E DTERMINAL ID: 29K00648MERCHANT ID:
9425821733TRX.REF. NO.: 0832---------------------------ACCOUNT
CREDITEDTRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
GBP4.00===========================---------------------------
</PrintData1>
<PrintData2>---------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU---------------------------DATE: 24/03/21
12:07---------------------------REFUNDAXPAN: **********1009CARD
EXPY: ****CARD-ENTRY: SWIPED---------------------------A P P R O V E
DTERMINAL ID: 29K00648MERCHANT ID: 9425821733TRX.REF. NO.: 0832-----
----------------------ACCOUNT CREDITEDTRANS.AMOUNT: GBP4.00TOTAL
AMOUNT: GBP4.00===========================-----------------------------
-</PrintData2>
<Result>A</Result>
<ResultReason>XO</ResultReason>
<TransRefNum>0832</TransRefNum>
<EmvTerminalId>00001571</EmvTerminalId>
<EmvPinVerified>N</EmvPinVerified>
<BankTerminalId>29K00648</BankTerminalId>
<SignatureRequired>N</SignatureRequired>
<Token>3549940514071009</Token>
<Country>GBR</Country>
</Response></pre>

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.16.3 Refund Reversal Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	        `SequenceNumber="000252"`
	        `RequesterTransRefNum="005-051-000252"`
	        `RequesterLocationId="001210">`
	  `<EftSettlementType>Refund-Reversal</EftSettlementType>`
	  `<Amount>4</Amount>`
	  `<EmvTerminalId>00001571</EmvTerminalId>`
	  `<CurrencyUsed>GBP</CurrencyUsed>`
	  `<CardInputMethod>M</CardInputMethod>`
	  `<TimeStamp>20210324111043</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a refund reversal these fields must match the original refund request.
	EftSettlementType	For a refund reversal this must be set to Sale-Reversal.
	Amount	For a refund reversal the amount must match the amount of the original refund request.
	CurrencyUsed	For a refund reversal the currency used must match the currency of the original refund request.
	CardInputMethod	For a refund reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.16.4 Refund Reversal Response – Successful

Header	200 OK
| Payload | ```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000252"
          SequenceNumber="000252"
          Type="EftSettlementEmv">
    <Amount>4.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>4.00</AmountUsed>
    <BankAuthCode/>
    <BankResultCode/>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardExpiryDate>1224</CardExpiryDate>
    <CardFunctionId>CC</CardFunctionId>
    <CardFunctionName>Credit Card</CardFunctionName>
    <CardInputMethod>S</CardInputMethod>
    <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
    <CardNumber>374245xxxxx1009</CardNumber>
    <CardSchemeId>AX</CardSchemeId>
    <CardSchemeName>AMEX</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Refund-Reversal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>9425821733</MerchantId>
    <Message>Approved</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 12:07---------------------------AXPAN:
**********1009CARD EXPY: 2412CARD-ENTRY: SWIPED---------------------
------C A N C E L L E DTERMINAL ID:  29K00648MERCHANT ID:
9425821733TRX.REF. NO.: 0832---------------------------TRANS.AMOUNT:
GBP4.00TOTAL AMOUNT: GBP4.00==========================SIGNATURE
REQUIRED-------------------------</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU-------------------------DATE: 24/03/21
12:07--------------------------AXPAN: **********1009CARD EXPY:
****CARD-ENTRY: SWIPED--------------------------C A N C E L L E
DTERMINAL ID:  29K00648MERCHANT ID:  9425821733TRX.REF. NO.: 0832-----
----------------------TRANS.AMOUNT: GBP4.00TOTAL AMOUNT:
GBP4.00==========================SIGNATURE VERIFIED-----------------
----------</PrintData2>
    <Result>A</Result>
    <ResultReason>XO</ResultReason>
    <TransRefNum>0832</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Token>3121852887091009</Token>
    <Country>GBR</Country>
</Response>
``` |

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	These fields must all match the reversal request.
	EftSettlementType	This field must match the reversal request
	BankAuthCode	Authorisation Code from the acquiring bank
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.17 Test Case DCC1: DCC EMV Chip – Customer Purchase – Accepted

2.17.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`         SequenceNumber="000253"`
	`         RequesterTransRefNum="005-051-000253"`
	`         RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>10</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324111417</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.17.2 Payment Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"`

```
<Response RequesterLocationId="001210"
         RequesterStationId=""
         RequesterTransRefNum="005-051-000253"
         SequenceNumber="000253"
         Type="EftSettlementEmv">
<Amount>10.00</Amount>
<AmountExtra>0.00</AmountExtra>
<AmountUsed>11.93</AmountUsed>
<BankAuthCode>800309</BankAuthCode>
<BankResultCode>00</BankResultCode>
<BinAmount>11.93</BinAmount>
<BinCurrency>EUR</BinCurrency>
<BinRate>1.192566</BinRate>
<CardExpiryDate>1225</CardExpiryDate>
<CardFunctionId>CC</CardFunctionId>
<CardFunctionName>Credit Card</CardFunctionName>
<CardInputMethod>E</CardInputMethod>
<CardInvoiceCompanyId>EU</CardInvoiceCompanyId>
<CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>
<CardNumber>541333xxxxxx0011</CardNumber>
<CardSchemeId>MC</CardSchemeId>
<CardSchemeName>MASTERCARD</CardSchemeName>
<CurrencyUsed>EUR</CurrencyUsed>
<DCCFlag>Y</DCCFlag>
<EftSettlementType>Sale-Terminal</EftSettlementType>
<LocalAmount>10.0</LocalAmount>
<LocalCurrency>GBP</LocalCurrency>
<MerchantId>102003478</MerchantId>
<Message>APPROVED /063265</Message>
<PrintReceipt>2</PrintReceipt>
<PrintData1>---------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 12:11---------------------------
SALEMASTERCARDPAN: ***********0011CARD EXPY: 2512CARD-ENTRY: ICC-----
----------------------A P P R O V E DAUTH CODE: 800309TERMINAL ID:
29K00648MERCHANT ID:  102003478TRX.REF. NO.: 0836AID:
A00000000410105DF1C63D6E44258A 80TVR: 0000248000TSI: E000AVN:
0002CVMR: 420300--------------------------ACCOUNT WILL BE
DEBITEDTRANS.AMOUNT: EUR11.93TOTAL AMOUNT:
EUR11.93===========================PIN
VERIFIED***************************DYNAMIC CURRENCY
CONVERSIONMERCHANT SALES CURRENCY: GBPORIGINAL AMOUNT: 10.00EXCHANGE
RATE: 1.1926I ACCEPT THAT I HAVE BEENOFFERED A CHOICE OFCURRENCIES FOR
PAYMENT ANDTHAT THIS CHOICE IS FINAL.I ACCEPT THE CONVERSION RATEAND
THE FINAL AMOUNT.EXCHANGE RATE PROVIDED BYD C C   P R O V I D E RTHE
TRANSACTION IS BASED ONREUTERS WHOLESALEEXCHANGE RATE
INCL.3.0%INTERNATIONAL COVERSION MARGIN----------------------------
</PrintData1>
<PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
12:11--------------------------SALEMASTERCARDPAN:
***********0011CARD EXPY: ****CARD-ENTRY: ICC----------------------
----A P P R O V E DAUTH CODE: 800309TERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0836AID: A00000000410105DF1C63D6E44258A 80TVR:
0000248000TSI: E000AVN: 0002CVMR: 420300--------------------------
ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: EUR11.93TOTAL AMOUNT:
EUR11.93===========================PIN
```

```
VERIFIED***************************DYNAMIC CURRENCY
CONVERSIONMERCHANT SALES CURRENCY: GBPORIGINAL AMOUNT: 10.00EXCHANGE
RATE: 1.1926I ACCEPT THAT I HAVE BEENOFFERED A CHOICE OFCURRENCIES FOR
PAYMENT ANDTHAT THIS CHOICE IS FINAL.I ACCEPT THE CONVERSION RATEAND
THE FINAL AMOUNT.EXCHANGE RATE PROVIDED BYD C C   P R O V I D E RTHE
TRANSACTION IS BASED ONREUTERS WHOLESALEEXCHANGE RATE
INCL.3.0%INTERNATIONAL COVERSION MARGIN----------------------------
</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0836</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvApplicationId>A0000000041010</EmvApplicationId>
    <EmvPinVerified>Y</EmvPinVerified>
    <EmvCryptogram>5DF1C63D6E44258A</EmvCryptogram>
    <EmvCryptogramType>80</EmvCryptogramType>
    <EmvUnpredictableNumber>EF433419</EmvUnpredictableNumber>
    <BankTerminalId/>
    <SignatureRequired>N</SignatureRequired>
    <Token>5227794737760011</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token
	Amount	Amount of the request (In the local currency)
	AmountUsed	The actual amount used in the process (In the currency used)
	BinRate	The exchange rate of the BIN vs the local currency. Mandatory if DCCFlag set to Y
	CurrencyUsed	Currency used in the process. Currency requested or local currency.
	DCCFlag	Flag indicating the transaction is a DCC one or not. Y = Yes, N = No
	DCCMarkup	Markup percentage which is applied to the DCC rate provided by the DCC provider
	LocalAmount	The local (merchant) amount.
	LocalCurrency	The local currency
	PrintData1 PrintData2	The text to be printed out on the transaction receipts, including the required DCC information

2.18 Test Case DCC2: DCC EMV Chip – Customer Rejection After Payment – Accepted

2.18.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	`          SequenceNumber="000254"`
	`          RequesterTransRefNum="005-051-000254"`
	`          RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>11</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324111636</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.18.2 Payment Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"` `            RequesterStationId=""` `            RequesterTransRefNum="005-051-000254"` `            SequenceNumber="000254"` `            Type="EftSettlementEmv">` `    <Amount>11.00</Amount>` `    <AmountExtra>0.00</AmountExtra>` `    <AmountUsed>13.12</AmountUsed>` `    <BankAuthCode>900309</BankAuthCode>` `    <BankResultCode>00</BankResultCode>` `    <BinAmount>13.12</BinAmount>` `    <BinCurrency>EUR</BinCurrency>` `    <BinRate>1.192566</BinRate>` `    <CardExpiryDate>1225</CardExpiryDate>` `    <CardFunctionId>CC</CardFunctionId>` `    <CardFunctionName>Credit Card</CardFunctionName>` `    <CardInputMethod>E</CardInputMethod>` `    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>` `    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>` `    <CardNumber>541333xxxxxx0011</CardNumber>` `    <CardSchemeId>MC</CardSchemeId>` `    <CardSchemeName>MASTERCARD</CardSchemeName>` `    <CurrencyUsed>EUR</CurrencyUsed>` `    <DCCFlag>Y</DCCFlag>` `    <EftSettlementType>Sale-Terminal</EftSettlementType>` `    <LocalAmount>11.0</LocalAmount>` `    <LocalCurrency>GBP</LocalCurrency>` `    <MerchantId>102003478</MerchantId>` `    <Message>APPROVED /063266</Message>` `    <PrintReceipt>2</PrintReceipt>` ` <PrintData1>----------------------------MERCHANT COPY--------------------------------DATE: 24/03/21 12:13----------------------------SALEMASTERCARDPAN: ***********0011CARD EXPY: 2512CARD-ENTRY: ICC--------------------------A P P R O V E DAUTH CODE: 900309TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0837AID: A000000004101088C49287ED923136 80TVR: 0000008000TSI: E000AVN: 0002CVMR: 410302--------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: EUR13.12TOTAL AMOUNT: EUR13.12===========================PIN VERIFIED****************************DYNAMIC CURRENCY CONVERSIONMERCHANT SALES CURRENCY: GBPORIGINAL AMOUNT: 11.00EXCHANGE RATE: 1.1926I ACCEPT THAT I HAVE BEENOFFERED A CHOICE OFCURRENCIES FOR PAYMENT ANDTHAT THIS CHOICE IS FINAL.I ACCEPT THE CONVERSION RATEAND THE FINAL AMOUNT.EXCHANGE RATE PROVIDED BYD C C P R O V I D E RTHE TRANSACTION IS BASED ONREUTERS WHOLESALEEXCHANGE RATE INCL.3.0%INTERNATIONAL COVERSION MARGIN----------------------------</PrintData1>` ` <PrintData2>----------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU----------------------------DATE: 24/03/21 12:13----------------------------SALEMASTERCARDPAN: ***********0011CARD EXPY: ****CARD-ENTRY: ICC--------------------------A P P R O V E DAUTH CODE: 900309TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0837AID: A000000004101088C49287ED923136 80TVR: 0000008000TSI: E000AVN: 0002CVMR: 410302--------------------------ACCOUNT WILL BE DEBITEDTRANS.AMOUNT: EUR13.12TOTAL AMOUNT: EUR13.12===========================PIN`

```
VERIFIED*****************************DYNAMIC CURRENCY
CONVERSIONMERCHANT SALES CURRENCY: GBPORIGINAL AMOUNT: 11.00EXCHANGE
RATE: 1.1926I ACCEPT THAT I HAVE BEENOFFERED A CHOICE OFCURRENCIES FOR
PAYMENT ANDTHAT THIS CHOICE IS FINAL.I ACCEPT THE CONVERSION RATEAND
THE FINAL AMOUNT.EXCHANGE RATE PROVIDED BYD C C   P R O V I D E RTHE
TRANSACTION IS BASED ONREUTERS WHOLESALEEXCHANGE RATE
INCL.3.0%INTERNATIONAL COVERSION MARGIN----------------------------
</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0837</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvApplicationId>A0000000041010</EmvApplicationId>
    <EmvPinVerified>Y</EmvPinVerified>
    <EmvCryptogram>88C49287ED923136</EmvCryptogram>
    <EmvCryptogramType>80</EmvCryptogramType>
    <EmvUnpredictableNumber>E2D83568</EmvUnpredictableNumber>
    <BankTerminalId/>
    <SignatureRequired>N</SignatureRequired>
    <Token>5239858539830011</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token
	Amount	Amount of the request (In the local currency)
	AmountUsed	The actual amount used in the process (In the currency used)
	BinRate	The exchange rate of the BIN vs the local currency. Mandatory if DCCFlag set to Y
	CurrencyUsed	Currency used in the process. Currency requested or local currency.
	DCCFlag	Flag indicating the transaction is a DCC one or not. Y = Yes, N = No
	DCCMarkup	Markup percentage which is applied to the DCC rate provided by the DCC provider
	LocalAmount	The local (merchant) amount.
	LocalCurrency	The local currency
	PrintData1 PrintData2	The text to be printed out on the transaction receipts, including the required DCC information

2.18.3 Payment Reversal Request

Header	POST /000137/14601 HTTP/1.1
	Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000254"`
	`            RequesterTransRefNum="005-051-000254"`
	`            RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Reversal</EftSettlementType>`
	`    <Amount>11</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <CardInputMethod>M</CardInputMethod>`
	`    <TimeStamp>20210324111711</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId	For a payment reversal these fields must match the original payment request.
	EftSettlementType	For a payment reversal this must be set to Sale-Reversal.
	Amount	For a payment reversal the amount must match the amount of the original payment request.
	CurrencyUsed	For a payment reversal the currency used must match the currency of the original payment request.
	CardInputMethod	For a payment reversal this must be set to M (Manual Entry).
	EMVTerminalId	The ID of the Terminal used to get the card details
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.18.4 Payment Reversal Response – Successful

Header	200 OK
Payload	`<Response RequesterLocationId="001210"` `            RequesterStationId=""` `            RequesterTransRefNum="005-051-000254"` `            SequenceNumber="000254"` `            Type="EftSettlementEmv">` `    <Amount>11.00</Amount>` `    <AmountExtra>0.00</AmountExtra>` `    <AmountUsed>13.12</AmountUsed>` `    <BankAuthCode>900309</BankAuthCode>` `    <BankResultCode>00</BankResultCode>` `    <BinAmount>13.12</BinAmount>` `    <BinCurrency>EUR</BinCurrency>` `    <BinRate>1.192566</BinRate>` `    <CardExpiryDate>1225</CardExpiryDate>` `    <CardFunctionId>CC</CardFunctionId>` `    <CardFunctionName>Credit Card</CardFunctionName>` `    <CardInputMethod>E</CardInputMethod>` `    <CardInvoiceCompanyId>EU</CardInvoiceCompanyId>` `    <CardInvoiceCompanyName>SIX-EURO-GENERI</CardInvoiceCompanyName>` `    <CardNumber>541333xxxxxx0011</CardNumber>` `    <CardSchemeId>MC</CardSchemeId>` `    <CardSchemeName>MASTERCARD</CardSchemeName>` `    <CurrencyUsed>EUR</CurrencyUsed>` `    <DCCFlag>Y</DCCFlag>` `    <EftSettlementType>Sale-Reversal</EftSettlementType>` `    <LocalAmount>11.0</LocalAmount>` `    <LocalCurrency>GBP</LocalCurrency>` `    <MerchantId>102003478</MerchantId>` `    <Message>APPROVED /063266</Message>` `    <PrintReceipt>2</PrintReceipt>` ` <PrintData1>----------------------------MERCHANT COPY--------------------------DATE: 24/03/21 12:14----------------------------MASTERCARDPAN: ***********0011CARD EXPY: 2512CARD-ENTRY: ICC---------------------------C A N C E L L E DAUTH CODE: 900309TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0838AID: TVR: TSI: AVN: CVMR: --------------------------TRANS.AMOUNT: EUR13.12TOTAL AMOUNT: EUR13.12============================SIGNATURE REQUIRED****************************DYNAMIC CURRENCY CONVERSIONMERCHANT SALES CURRENCY: GBPORIGINAL AMOUNT: 11.00EXCHANGE RATE: 1.1926I ACCEPT THAT I HAVE BEENOFFERED A CHOICE OFCURRENCIES FOR PAYMENT ANDTHAT THIS CHOICE IS FINAL.I ACCEPT THE CONVERSION RATEAND THE FINAL AMOUNT.EXCHANGE RATE PROVIDED BYD C C P R O V I D E RTHE TRANSACTION IS BASED ONREUTERS WHOLESALEEXCHANGE RATE INCL.3.0%INTERNATIONAL COVERSION MARGIN----------------------------</PrintData1>` ` <PrintData2>---------------------------CARDHOLDER COPYPLEASE RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21 12:14---------------------------MASTERCARDPAN: ***********0011CARD EXPY: ****CARD-ENTRY: ICC---------------------------C A N C E L L E DAUTH CODE: 900309TERMINAL ID: 29K00648MERCHANT ID: 102003478TRX.REF. NO.: 0838AID: TVR: TSI: AVN: CVMR: ---------------------------TRANS.AMOUNT: EUR13.12TOTAL AMOUNT: EUR13.12============================SIGNATURE VERIFIED****************************DYNAMIC CURRENCY CONVERSIONMERCHANT SALES CURRENCY: GBPORIGINAL AMOUNT: 11.00EXCHANGE RATE: 1.1926I ACCEPT THAT I HAVE BEENOFFERED A CHOICE OFCURRENCIES FOR`

```
PAYMENT ANDTHAT THIS CHOICE IS FINAL.I ACCEPT THE CONVERSION RATEAND
THE FINAL AMOUNT.EXCHANGE RATE PROVIDED BYD C C   P R O V I D E RTHE
TRANSACTION IS BASED ONREUTERS WHOLESALEEXCHANGE RATE
INCL.3.0%INTERNATIONAL COVERSION MARGIN----------------------------
</PrintData2>
    <Result>A</Result>
    <ResultReason>00</ResultReason>
    <TransRefNum>0838</TransRefNum>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId/>
    <SignatureRequired>N</SignatureRequired>
    <Token>5965597180970011</Token>
    <DCCMarkup>3</DCCMarkup>
    <Country>GBR</Country>
</Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	A = Accepted, R = Rejected, W = Warning, E = Error **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online.
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token
	Amount	Amount of the request (In the local currency)
	AmountUsed	The actual amount used in the process (In the currency used)
	BinRate	The exchange rate of the BIN vs the local currency. Mandatory if DCCFlag set to Y
	CurrencyUsed	Currency used in the process. Currency requested or local currency.
	DCCFlag	Flag indicating the transaction is a DCC one or not. Y = Yes, N = No
	DCCMarkup	Markup percentage which is applied to the DCC rate provided by the DCC provider
	LocalAmount	The local (merchant) amount.
	LocalCurrency	The local currency
	PrintData1 PrintData2	The text to be printed out on the transaction receipts, including the required DCC information

2.19 Test Case E1: EMV Chip – Timeout inserting card – Rejected

2.19.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000255"`
	`        RequesterTransRefNum="005-051-000255"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>1</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324132052</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.19.2 Payment Response – Successful

Header	200 OK
| Payload | ```xml
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000255"
          SequenceNumber="000255"
          Type="EftSettlementEmv">
    <Amount>1.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>1.00</AmountUsed>
    <BankAuthCode/>
    <BankResultCode/>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardFunctionId/>
    <CardFunctionName/>
    <CardInputMethod/>
    <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
    <CardNumber/>
    <CardSchemeId>??</CardSchemeId>
    <CardSchemeName>UNKNOWN CARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Sale-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>123457097</MerchantId>
    <Message>EMV cancel</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>--------------------------MERCHANT COPY-------------
---------------DATE: 24/03/21 14:18---------------------------
SALE1CARD EXPY: --------------------------D E C L I N E DTERMINAL
ID:  29K00648MERCHANT ID:  123457097TRX.REF. NO.: 0840----------------
------------TRANS.AMOUNT: GBP1.00TOTAL AMOUNT:
GBP1.00=====================================----------------------------
</PrintData1>
    <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
14:18--------------------------SALE1CARD EXPY: --------------------
-------D E C L I N E DTERMINAL ID:  29K00648MERCHANT ID:
123457097TRX.REF. NO.: 0840--------------------------TRANS.AMOUNT:
GBP1.00TOTAL AMOUNT: GBP1.00================================--------------
--------------</PrintData2>
    <Result>R</Result>
    <ResultReason>TC</ResultReason>
    <TransRefNum/>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Country>GBR</Country>
</Response>
``` |
| Notes: | 200 OK · This is the standard response for successful HTTP request |
| | Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId, · These fields must all match the request. |

	EftSettlementType	This field must match the request.
	Result	R = Rejected **** Important note ** This is the most important field in the response to determine the successful procession of a request.**
	ResultReason	TC = Rejected as cancelled on terminal Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online

2.20 Test Case E2: EMV Chip – User cancels payment – Rejected

2.20.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	        `SequenceNumber="000256"`
	        `RequesterTransRefNum="005-051-000256"`
	        `RequesterLocationId="001210">`
	    `<EftSettlementType>Sale-Terminal</EftSettlementType>`
	    `<Amount>2</Amount>`
	    `<EmvTerminalId>00001571</EmvTerminalId>`
	    `<EmvScenarioId>DT</EmvScenarioId>`
	    `<CurrencyUsed>GBP</CurrencyUsed>`
	    `<TimeStamp>20210324132230</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.20.2 Payment Response – Successful

Header	200 OK
| Payload | ```xml
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000256"
          SequenceNumber="000256"
          Type="EftSettlementEmv">
    <Amount>2.00</Amount>
    <AmountExtra>0.00</AmountExtra>
    <AmountUsed>2.00</AmountUsed>
    <BankAuthCode/>
    <BankResultCode/>
    <BinAmount>0.0</BinAmount>
    <BinRate>0.0</BinRate>
    <CardFunctionId/>
    <CardFunctionName/>
    <CardInputMethod/>
    <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
    <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
    <CardNumber/>
    <CardSchemeId>??</CardSchemeId>
    <CardSchemeName>UNKNOWN CARD</CardSchemeName>
    <CurrencyUsed>GBP</CurrencyUsed>
    <DCCFlag>N</DCCFlag>
    <EftSettlementType>Sale-Terminal</EftSettlementType>
    <LocalAmount>0.0</LocalAmount>
    <MerchantId>123457097</MerchantId>
    <Message>EMV cancel</Message>
    <PrintReceipt>2</PrintReceipt>
    <PrintData1>----------------------------MERCHANT COPY-------------
----------------DATE: 24/03/21 14:19----------------------------
SALE1CARD EXPY: ---------------------------D E C L I N E DTERMINAL
ID:  29K00648MERCHANT ID:  123457097TRX.REF. NO.: 0841----------------
------------TRANS.AMOUNT: GBP2.00TOTAL AMOUNT:
GBP2.00====================================----------------------------
</PrintData1>
    <PrintData2>---------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU---------------------------DATE: 24/03/21
14:19--------------------------SALE1CARD EXPY: --------------------
-------D E C L I N E DTERMINAL ID:  29K00648MERCHANT ID:
123457097TRX.REF. NO.: 0841---------------------------TRANS.AMOUNT:
GBP2.00TOTAL AMOUNT: GBP2.00===============================--------------
--------------</PrintData2>
    <Result>R</Result>
    <ResultReason>TC</ResultReason>
    <TransRefNum/>
    <EmvTerminalId>00001571</EmvTerminalId>
    <EmvPinVerified>N</EmvPinVerified>
    <BankTerminalId>29K00648</BankTerminalId>
    <SignatureRequired>N</SignatureRequired>
    <Country>GBR</Country>
</Response>
``` |
| Notes: | 200 OK — This is the standard response for successful HTTP request |
| | Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId, — These fields must all match the request. |

	EftSettlementType	This field must match the request.
	Result	R = Rejected ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	TC = Rejected as cancelled on terminal Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online

2.21 Test Case E4: EMV Chip – Auth Declined – Rejected

2.21.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`        SequenceNumber="000257"`
	`        RequesterTransRefNum="005-051-000257"`
	`        RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>4.05</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324132505</TimeStamp>`
	`</Request>`

Notes:		
	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.21.2 Payment Response – Successful

Header	200 OK

Payload	`<Response RequesterLocationId="001210"`
	`            RequesterStationId=""`
	`            RequesterTransRefNum="005-051-000257"`
	`            SequenceNumber="000257"`
	`            Type="EftSettlementEmv">`
	`    <Amount>4.05</Amount>`
	`    <AmountExtra>0.00</AmountExtra>`
	`    <AmountUsed>4.05</AmountUsed>`
	`    <BankAuthCode/>`
	`    <BankResultCode>05</BankResultCode>`
	`    <BinAmount>0.0</BinAmount>`
	`    <BinRate>0.0</BinRate>`
	`    <CardExpiryDate>1225</CardExpiryDate>`
	`    <CardFunctionId>CC</CardFunctionId>`
	`    <CardFunctionName>Credit Card</CardFunctionName>`
	`    <CardInputMethod>E</CardInputMethod>`
	`    <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>`
	`    <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>`
	`    <CardNumber>541333xxxxxx0011</CardNumber>`
	`    <CardSchemeId>MC</CardSchemeId>`
	`    <CardSchemeName>MASTERCARD</CardSchemeName>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <DCCFlag>N</DCCFlag>`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <LocalAmount>0.0</LocalAmount>`
	`    <MerchantId>102003478</MerchantId>`
	`    <Message>AUTH DECLINED</Message>`
	`    <PrintReceipt>2</PrintReceipt>`
	`    <PrintData1>--------------------------MERCHANT COPY-------------`
	`---------------DATE: 24/03/21 14:22----------------------------`
	`SALEMASTERCARDPAN: ***********0011CARD EXPY: 2512CARD-ENTRY: ICC-----`
	`-----------------------D E C L I N E DTERMINAL ID:  29K00648MERCHANT`
	`ID:  102003478TRX.REF. NO.: 0843AID: A00000000410104EAD9998854C8C67`
	`00TVR: 0000008000TSI: E000AVN: CVMR: ---------------------------`
	`TRANS.AMOUNT: GBP4.05TOTAL AMOUNT:`
	`GBP4.05===========================PIN VERIFIED----------------------`
	`-----</PrintData1>`
	`    <PrintData2>--------------------------CARDHOLDER COPYPLEASE`
	`RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21`
	`14:22--------------------------SALEMASTERCARDPAN:`
	`***********0011CARD EXPY: ****CARD-ENTRY: ICC----------------------`
	`----D E C L I N E DTERMINAL ID:  29K00648MERCHANT ID:`
	`102003478TRX.REF. NO.: 0843AID: A00000000410104EAD9998854C8C67 00TVR:`
	`0000008000TSI: E000AVN: CVMR: ---------------------------`
	`TRANS.AMOUNT: GBP4.05TOTAL AMOUNT:`
	`GBP4.05===========================PIN VERIFIED----------------------`
	`-----</PrintData2>`
	`    <Result>R</Result>`
	`    <ResultReason>05</ResultReason>`
	`    <TransRefNum>0842</TransRefNum>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvApplicationId>A0000000041010</EmvApplicationId>`
	`    <EmvPinVerified>Y</EmvPinVerified>`
	`    <EmvCryptogram>4EAD9998854C8C67</EmvCryptogram>`
	`    <EmvCryptogramType>00</EmvCryptogramType>`
	`    <EmvUnpredictableNumber>DC8DA0F4</EmvUnpredictableNumber>`

```
        <BankTerminalId>29K00648</BankTerminalId>
        <SignatureRequired>N</SignatureRequired>
        <Token>5171754069250011</Token>
        <Country>GBR</Country>
        <SCATransRef>00020MMCC0324VH000 142503</SCATransRef>
    </Response>
```

Notes:	200 OK	This is the standard response for successful HTTP request
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.
	EftSettlementType	This field must match the request.
	BankAuthCode	Authorisation Code from the acquiring bank
	CardInputMethod	E = EMV chip (contact ICC)
	CardSchemeId	Type of card used
	Result	R = Rejected ** Important note ** This is the most important field in the response to determine the successful procession of a request.
	ResultReason	05 = AUTH DECLINED Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online
	TransRefNum	Planet's internal transaction reference number
	Token	Planet's Token

2.22 Test Case E5: EMV Chip – Host Unavailable – Rejected

2.22.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601

Payload	`<Request Type="EftSettlementEmv"`
	`            SequenceNumber="000258"`
	`            RequesterTransRefNum="005-051-000258"`
	`            RequesterLocationId="001210">`
	`    <EftSettlementType>Sale-Terminal</EftSettlementType>`
	`    <Amount>29</Amount>`
	`    <EmvTerminalId>00001571</EmvTerminalId>`
	`    <EmvScenarioId>DT</EmvScenarioId>`
	`    <CurrencyUsed>GBP</CurrencyUsed>`
	`    <TimeStamp>20210324132837</TimeStamp>`
	`</Request>`

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.22.2 Payment Response – Successful

Header	200 OK
Payload	<Response RequesterLocationId="001210" RequesterStationId="" RequesterTransRefNum="005-051-000258" SequenceNumber="000258" Type="EftSettlementEmv"> ...

```
<Response RequesterLocationId="001210"
          RequesterStationId=""
          RequesterTransRefNum="005-051-000258"
          SequenceNumber="000258"
          Type="EftSettlementEmv">
   <Amount>29.00</Amount>
   <AmountExtra>0.00</AmountExtra>
   <AmountUsed>29.00</AmountUsed>
   <BankAuthCode/>
   <BankResultCode/>
   <BinAmount>0.0</BinAmount>
   <BinRate>0.0</BinRate>
   <CardExpiryDate>1225</CardExpiryDate>
   <CardFunctionId>CC</CardFunctionId>
   <CardFunctionName>Credit Card</CardFunctionName>
   <CardInputMethod>E</CardInputMethod>
   <CardInvoiceCompanyId>AP</CardInvoiceCompanyId>
   <CardInvoiceCompanyName>Bank Simulator</CardInvoiceCompanyName>
   <CardNumber>541333xxxxxx0011</CardNumber>
   <CardSchemeId>MC</CardSchemeId>
   <CardSchemeName>MASTERCARD</CardSchemeName>
   <CurrencyUsed>GBP</CurrencyUsed>
   <DCCFlag>N</DCCFlag>
   <EftSettlementType>Sale-Terminal</EftSettlementType>
   <LocalAmount>0.0</LocalAmount>
   <MerchantId>102003478</MerchantId>
   <Message>HOST unavailable</Message>
   <PrintReceipt>2</PrintReceipt>
   <PrintData1>--------------------------MERCHANT COPY-------------
--------------DATE: 24/03/21 14:25----------------------------
SALEMASTERCARDPAN: ***********0011CARD EXPY: 2512CARD-ENTRY: ICC-----
-----------------------D E C L I N E DTERMINAL ID:  29K00648MERCHANT
ID:  102003478TRX.REF. NO.: 0845AID: A0000000041010CF41ED2DD9C40A64
00TVR: 0000008000TSI: E000AVN: CVMR: --------------------------
TRANS.AMOUNT: GBP29.00TOTAL AMOUNT:
GBP29.00==========================PIN VERIFIED---------------------
------</PrintData1>
   <PrintData2>--------------------------CARDHOLDER COPYPLEASE
RETAIN THIS COPYTHANK YOU--------------------------DATE: 24/03/21
14:25--------------------------SALEMASTERCARDPAN:
***********0011CARD EXPY: ****CARD-ENTRY: ICC----------------------
----D E C L I N E DTERMINAL ID:  29K00648MERCHANT ID:
102003478TRX.REF. NO.: 0845AID: A0000000041010CF41ED2DD9C40A64 00TVR:
0000008000TSI: E000AVN: CVMR: --------------------------
TRANS.AMOUNT: GBP29.00TOTAL AMOUNT:
GBP29.00==========================PIN VERIFIED---------------------
------</PrintData2>
   <Result>R</Result>
   <ResultReason>XU</ResultReason>
   <TransRefNum/>
   <EmvTerminalId>00001571</EmvTerminalId>
   <EmvApplicationId>A0000000041010</EmvApplicationId>
   <EmvPinVerified>Y</EmvPinVerified>
   <EmvCryptogram>CF41ED2DD9C40A64</EmvCryptogram>
   <EmvCryptogramType>00</EmvCryptogramType>
   <EmvUnpredictableNumber>492D7FBE</EmvUnpredictableNumber>
```

	```<BankTerminalId>29K00648</BankTerminalId>```
	```<SignatureRequired>N</SignatureRequired>```
	```<Country>GBR</Country>```
	```</Response>```		

Notes:	200 OK	This is the standard response for successful HTTP request	
	Type, SequenceNumber, RequesterTransRefNum, RequesterLocationId,	These fields must all match the request.	
	EftSettlementType	This field must match the request.	
	CardInputMethod	E = EMV chip (contact ICC)	
	CardSchemeId	Type of card used	
	Result	R = Rejected **** Important note ** This is the most important field in the response to determine the successful procession of a request.**	
	ResultReason	XU = Rejected as tried to call out for authorization but host unavailable (connection problem, protocol problem) Numeric authorisation response code from the acquiring bank or Alphabetic reason code from Planet detailing why the request was rejected and not processed online	

2.23 Test Case E6: EMV Chip – Unable to send response back to POS – Rejected

2.23.1 Payment Request

Header	POST /000137/14601 HTTP/1.1 Host: integrator-uat.six-integra.com:14601	

Payload	`<Request Type="EftSettlementEmv"`
	        `SequenceNumber="000265"`
	        `RequesterTransRefNum="005-051-000265"`
	        `RequesterLocationId="001210">`
	   `<EftSettlementType>Sale-Terminal</EftSettlementType>`
	   `<Amount>23</Amount>`
	   `<EmvTerminalId>00001571</EmvTerminalId>`
	   `<EmvScenarioId>DT</EmvScenarioId>`
	   `<CurrencyUsed>GBP</CurrencyUsed>`
	   `<TimeStamp>20210324150858</TimeStamp>`
	`</Request>`	

Notes:	POST	Internal content routing @ Planet: e.g. 000137 – Path Identifier to the Fronted Application serving your integration e.g. 14601 – Local listening port on the Frontend Application **** Important note ** The local listening port is different from the host port and must be able to be configured separately**
	Host:	The Hostname and port of the entry point @ Planet's Web Application Firewall
	Type	Set to "EftSettlementEmv" to create an EFT payment transaction
	SequenceNumber	A unique number generated by the POS for each Payment Request
	RequesterTransRefNum	A unique reference to the POS Transaction generated by the POS e.g. Store, Till, Payment Transaction Number
	RequesterLocationId	The ID of the location, and must be setup on the Host
	EftSettlementType	Set to "Sale-Terminal" for a Sale using the Terminal
	Amount	The amount of Payment or Refund, floating point format So, 1.00 is 1 and 1.20 is 1.2 and 1.03 is 1.03 etc… **** Important note ** Decimal separator must always by a dot '.' regardless of machine locale (Comma ',' must not be used)**
	CurrencyUsed	The currency used for the transaction
	EMVTerminalId	The ID of the Terminal used to get the card details
	EMVScenarioId	Set to default DT (DT= Direct-Terminal)
	TimeStamp	Local time of the transaction. Format "yyyyMMddHHmmss"

2.23.2 Payment Response – Unsuccessful

Header	Not available	
Payload	Not available	
Notes:	No Response	No response received by the POS. POS must timeout or cancel the payment request