

# Airline Processing

REST API  
Visa Platform Connect





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## Revision

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# Contents

<b>Airline Processing</b>	<b>4</b>
Recent Revisions to This Document	4
VISA Platform Connect: Specifications and Conditions for Resellers/Partners	5
<b>Introduction to Airline Processing</b>	<b>7</b>
Cybersource Airline Data Processing	7
Airline Travel Legs	8
<b>Visa Platform Connect Airline Processing</b>	<b>9</b>
Authorizations	9
Required Fields for Authorizing an Airline Payment	10
REST Example: Authorizing an Airline Payment	10
Captures for Ticket Purchases	12
Required Fields for Capturing an Airline Payment	13
Optional Fields for Capturing an Airline Payment	13
REST Example: Capturing an Airline Payment	14
Captures for Ancillary Purchases	15
Required Fields for Capturing an Authorization for Ancillary Purchases	15
Ancillary Fields for Capturing an Authorization for an Ancillary Purchase	16
REST Example: Capturing an Authorization for an Ancillary Purchase	16
Refunds	17
Required Fields for Processing an Airline Refund	17
Optional Fields for Processing an Airline Refund	18
REST Example: Processing an Airline Refund	20
Credits	21
Required Fields for Processing an Airline Credit	21
Optional Fields for Processing an Airline Credit	22
REST Example: Processing an Airline Credit	24
<b>Airline Data Reference Information</b>	<b>26</b>
Airline Document Type Codes	26
Ancillary Service Category Codes	29

# Airline Processing

This section describes how to use this developer guide and where to find further information.

## Audience and Purpose

This guide is written for application developers who want to use the Cybersource REST API to integrate credit card processing with airline data into their order management system.

Implementing the Cybersource credit card services requires software development skills. You must write code that uses the API request and reply fields to integrate the credit card services into your existing order management system.

## Conventions

The following special statements are used in this document:



### Important

An Important statement contains information essential to successfully completing a task or learning a concept.

## Customer Support

For support information about any service, visit the Support Center:

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## Recent Revisions to This Document

### 24.01

This revision contains only editorial changes and no technical updates.

## 23.02

This revision contains only editorial changes and no technical updates.

## 23.01

This revision contains only editorial changes and no technical updates.

## 19.02

This revision contains only editorial changes and no technical updates.

## 19.01

Visa Platform Connect: added the field.

## 18.04

**Visa Platform Connect: added the following acquirers.**

- Banco Safra
- BC Card Co., Ltd.
- Vietnam Technological and Commercial Joint-stock Bank

## 18.03

Visa Platform Connect: made technical corrections and improvements to the XML examples.

# VISA Platform Connect: Specifications and Conditions for Resellers/Partners

The following are specifications and conditions that apply to a Reseller/Partner enabling its merchants through Cybersource for Visa Platform Connect (“VPC”) processing. Failure to meet any of the specifications and conditions below is subject to the liability provisions and indemnification obligations under Reseller/Partner’s contract with Visa/Cybersource.

1. Before boarding merchants for payment processing on a VPC acquirer’s connection, Reseller/Partner and the VPC acquirer must have a contract or other legal agreement that permits Reseller/Partner to enable its merchants to process payments with the acquirer through the dedicated VPC connection and/or traditional connection with such VPC acquirer.
2. Reseller/Partner is responsible for boarding and enabling its merchants in accordance with the terms of the contract or other legal agreement with the relevant VPC acquirer.
3. Reseller/Partner acknowledges and agrees that all considerations and fees associated with chargebacks, interchange downgrades, settlement issues, funding delays, and other processing related activities are strictly between Reseller and the relevant VPC acquirer.

4. Reseller/Partner acknowledges and agrees that the relevant VPC acquirer is responsible for payment processing issues, including but not limited to, transaction declines by network/issuer, decline rates, and interchange qualification, as may be agreed to or outlined in the contract or other legal agreement between Reseller/ Partner and such VPC acquirer.

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# Introduction to Airline Processing

Airline data processing exceeds basic payment processing by enabling you to process specific travel data. To make use of this capability, you must submit additional information, such as:

- Carrier (airline)
- Departure date
- Destination airport
- Purchase date
- Originating airport
- Ticket class
- Trip legs (segments)

## Cybersource Airline Data Processing

Cybersource does not store airline data. Instead, it functions as a pass-through service for the data. Cybersource enforces only the minimal level of field validation.

When you request an airline service, Cybersource responds with certain fields and values to indicate whether the airline data was processed. The response fields for each service are:

- Authorization: **processingInformation.enhancedDataEnabled**
- Capture: **processingInformation.enhancedDataEnabled**
- Credit: **processingInformation.enhancedDataEnabled**

The possible values for the response fields are:

- **Y**: the airline data was included in the request to the processor.
- **N**: the airline data was not included in the request to the processor.

**Important**

Cybersource temporarily disables your account's airline data processing capability and contacts you if your airline data transactions produce batching errors when the information is sent to the processor. If this happens, your request is not rejected, but you receive one of the above listed fields with the N value in the response indicating that airline data in the request has been ignored and not sent to the processor.

## Airline Travel Legs

Some processors require travel legs in the API service request. This section describes how to successfully include travel legs in an API request.

### Using Travel Legs

To include travel legs in an airline transaction, include one or more travel legs in the **legs[]** array.

For example, these three travel legs are valid:

```
"travelInformation": {
  "transit": {
    "airline": {
      "legs": [
        {
          "carrierCode": "XX"
        },
        {
          "carrierCode": "XZ"
        },
        {
          "carrierCode": "XX"
        }
      ]
    }
  }
}
```

**Important**

If you skip a number, Cybersource ignores the legs that follow the skipped number.

### Travel Leg Limitations

Some processors limit the number of travel legs for each trip based on the card type.



# Visa Platform Connect Airline Processing

This section describes how to process airline payments using Visa Platform Connect.

## Requirement

When you are ready to go live with airline data processing, contact Cybersource Customer Support to have your account configured to process airline data. If your account is not enabled, and you try to send airline transactions, you will receive an error for invalid data.

## Related Information

- See [Airline Data](#) for information about and requirements for processing payments that include airline data.
- See [Airline Data Reference Information](#) on page 26 for a list and description of the different document type and ancillary service category codes that are used when processing payments that include airline data.

## Authorizations

This section describes how to process an airline authorization.

### Authorization Restrictions

Ticket purchases that include multiple passengers may be included in a single authorization request, but you must make separate capture requests for every passenger. If any ancillary purchases are made at the same time as the ticket purchase, you may include all items in a single authorization request, but you must separate the ancillary and ticket purchases into their own capture requests.

If any ancillary purchases are made not at the same time as the ticket purchase, you must make separate authorization and capture requests for the ancillary and ticket purchases.

## Endpoint

Production: POST <https://api.cybersource.com/pts/v2/payments>

Test: POST <https://apitest.cybersource.com/pts/v2/payments>

## Required Fields for Authorizing an Airline Payment

Include these required fields for authorizing an airline payment.



### Important

When relaxed requirements for address data and the expiration date are being used, not all fields in this list are required. It is your responsibility to determine whether your account is enabled to use this feature and which fields are required. For details about relaxed requirements, see [Relaxed Requirements for Address Data and Expiration Date in Payment Transactions](#).

[orderInformation.amountDetails.currency](#)

[orderInformation.amountDetails.totalAmount](#)

[orderInformation.billTo.address1](#)

[orderInformation.billTo.administrativeArea](#)

[orderInformation.billTo.country](#)

[orderInformation.billTo.email](#)

[orderInformation.billTo.firstName](#)

[orderInformation.billTo.lastName](#)

[orderInformation.billTo.locality](#)

[orderInformation.billTo.postalCode](#)

[paymentInformation.card.expirationMonth](#)

[paymentInformation.card.expirationYear](#)

[paymentInformation.card.number](#)

[processingInformation.industryDataType](#) Set the value to `airline`.

## REST Example: Authorizing an Airline Payment

Use this example as a reference for authorizing an airline payment.

Request

```
{
  "processingInformation": {
    "industryDataType": "airline"
  },
  "paymentInformation": {
    "card": {
```

```

    "number": "4111111111111111",
    "expirationMonth": "12",
    "expirationYear": "2031"
  },
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "500.00",
      "currency": "usd"
    },
    "billTo": {
      "firstName": "John",
      "lastName": "Doe",
      "address1": "123 Happy St.",
      "locality": "Sunny Town",
      "administrativeArea": "CA",
      "postalCode": "12345-1234",
      "country": "US",
      "email": "test@cybs.com"
    }
  }
}

```

#### Response to a Successful Request

```

{
  "_links": {
    "authReversal": {
      "method": "POST",
      "href": "/pts/v2/payments/6823009451126309503954/reversals"
    },
    "self": {
      "method": "GET",
      "href": "/pts/v2/payments/6823009451126309503954"
    },
    "capture": {
      "method": "POST",
      "href": "/pts/v2/payments/6823009451126309503954/captures"
    }
  },
  "clientReferenceInformation": {
    "code": "1682300945230"
  },
  "id": "6823009451126309503954",
  "orderInformation": {
    "amountDetails": {
      "authorizedAmount": "500.00",
      "currency": "usd"
    }
  },
  "paymentAccountInformation": {
    "card": {
      "type": "001"
    }
  },
  "paymentInformation": {

```

```

"tokenizedCard": {
  "type": "001"
},
"card": {
  "type": "001"
}
},
"pointOfSaleInformation": {
  "terminalId": "111111"
},
"processorInformation": {
  "approvalCode": "888888",
  "networkTransactionId": "123456789619999",
  "transactionId": "123456789619999",
  "responseCode": "100",
  "avs": {
    "code": "X",
    "codeRaw": "I1"
  }
},
"reconciliationId": "67720603YGMSE5JE",
"status": "AUTHORIZED",
"submitTimeUtc": "2023-04-24T01:49:05Z"
}

```

## Captures for Ticket Purchases

This section describes the fields necessary to capture an airline payment for ticket purchases.

Captures for ticket purchases must be made separately from captures for ancillary purchases. For more information about how to capture an ancillary purchase, see [Captures for Ancillary Purchases](#) on page 15.

### Travel Legs

You can use travel leg fields for trips that have multiple legs. For more information on how to use travel leg fields, see [Airline Data](#).

### Leg Limitations

Visa Platform Connect limits the maximum number of legs for each trip based on card type. This table describes the maximum number of legs for each trip based on card type.

#### Visa Platform Connect Leg Limitations

Supported Card Types	Maximum Number of Trip Legs
American Express	4
Discover	4

Supported Card Types	Maximum Number of Trip Legs
Mastercard	4
Visa	4

## Endpoint

Production: POST <https://api.cybersource.com/pts/v2/payments/{id}/captures>

Test: POST <https://apitest.cybersource.com/pts/v2/payments/{id}/captures>

The `{id}` is the transaction ID returned in the authorization response.

## Required Fields for Capturing an Airline Payment

Include these required fields to capture an airline payment for ticket purchases.

[orderInformation.amountDetails.currency](#)

[orderInformation.amountDetails.totalAmount](#)

[processingInformation.industryDataType](#) Set the value to `airline`.

## Card-Specific Field to Capture an Airline Payment

This section includes card-specific information.

### Mastercard

Use this card-specific field in addition to the required fields when capturing an authorization with a Mastercard.

[travellerInformation.transit.airline.ticketIssuer.code](#)

## Optional Fields for Capturing an Airline Payment

You can use these optional fields to include additional information when capturing an airline payment.

[orderInformation.amountDetails.taxAmount](#)

[orderInformation.amountDetails.taxDetails\[\].amount](#)

[orderInformation.lineItems\[\].taxDetails\[\].code](#)

[orderInformation.lineItems\[\].totalAmount](#)

[travellerInformation.agency.code](#)

[travellerInformation.agency.name](#)

[travellerInformation.transit.airline.customerCode](#)

[travellerInformation.transit.airline.documentType](#) For a list of possible values, see [Airline Document Type Codes](#) on page 26.

[travellerInformation.transit.airline.exchangeTicketFeeAmount](#)



[travellInformation.transit.airline.legs\[\].conjunctionTicket](#)  
[travellInformation.transit.airline.legs\[\].couponNumber](#)  
[travellInformation.transit.airline.legs\[\].endorsementsRestrictions](#)  
[travellInformation.transit.airline.legs\[\].exchangeTicketNumber](#)  
[travellInformation.transit.airline.legs\[\].fareBasis](#)  
[travellInformation.transit.airline.legs\[\].feeAmount](#)  
[travellInformation.transit.airline.legs\[\].stopoverIndicator](#)  
[travellInformation.transit.airline.legs\[\].taxAmount](#)  
[travellInformation.transit.airline.planNumber](#)  
[travellInformation.transit.airline.ticketChangeIndicator](#)  
[travellInformation.transit.airline.ticketIssueDate](#)  
[travellInformation.transit.airline.totalFeeAmount](#)  
[travellInformation.transit\[\].exchangeTicketAmount](#)

## Related Information

- [API field reference guide for the REST API](#)

## REST Example: Capturing an Airline Payment

Endpoint:

- Production: POST <https://api.cybersource.com/pts/v2/payments/{id}/captures>
- Test: POST <https://apitest.cybersource.com/pts/v2/payments/{id}/captures>

Use this example as a reference for capturing an airline payment.

Request

```
{
  "clientReferenceInformation": {
    "code": "TC50171_3"
  },
  "processingInformation": {
    "industryDataType": "airline"
  },
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "5000.00",
      "currency": "USD"
    }
  }
}
```

## Response to a Successful Request

```
{
  "_links": {
    "void": {
      "method": "POST",
      "href": "/pts/v2/captures/6823025890736075903954/voids"
    },
    "self": {
      "method": "GET",
      "href": "/pts/v2/captures/6823025890736075903954"
    }
  },
  "clientReferenceInformation": {
    "code": "TC50171_3"
  },
  "id": "6823025890736075903954",
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "500.00",
      "currency": "USD"
    }
  },
  "reconciliationId": "67720603YGMSE5JE",
  "status": "PENDING",
  "submitTimeUtc": "2023-04-24T02:16:29Z"
}
```

# Captures for Ancillary Purchases

This section describes the fields necessary to capture an airline payment for ancillary purchases.

Ancillary purchases are any additional services, such as baggage, meals, and paid seats, that your customers can purchase. Captures for ancillary purchases must be made separately from captures for ticket purchases.

## Endpoint

Production: POST <https://api.cybersource.com/pts/v2/payments/{id}/captures>

Test: POST <https://apitest.cybersource.com/pts/v2/payments/{id}/captures>

The `{id}` is the transaction ID returned in the authorization response.

## Required Fields for Capturing an Authorization for Ancillary Purchases

Include these required fields to capture an airline payment for ancillary purchases.

[orderInformation.amountDetails.currency](#)

[orderInformation.amountDetails.totalAmount](#)

**processingInformation.industryDataType** Set the value to `airline`.

## Related Information

- [API field reference guide for the REST API](#)

## Ancillary Fields for Capturing an Authorization for an Ancillary Purchase

Choose from these optional ancillary fields to add additional information when capturing an ancillary purchase.

**travellerInformation.transit.airline.ancillaryInformation.connectedTicketNumber**

**travellerInformation.transit.airline.ancillaryInformation.creditReasonIndicator**

**travellerInformation.transit.airline.ancillaryInformation.passengerName**

**travellerInformation.transit.airline.ancillaryInformation.serviceCode** For a list of possible values, see [Ancillary Service Category Codes](#) on page 29.

**travellerInformation.transit.airline.ancillaryInformation.serviceCode.subCategoryCode**

**travellerInformation.transit.airline.ancillaryInformation.ticketNumber**

## REST Example: Capturing an Authorization for an Ancillary Purchase

Endpoint:

- Production: POST `https://api.cybersource.com/pts/v2/payments/{id}/captures`
- Test: POST `https://apitest.cybersource.com/pts/v2/payments/{id}/captures`

Use this example as a reference for capturing an ancillary purchase with the ancillary fields.

Request

```
{
  "clientReferenceInformation": {
    "code": "TC50171_3"
  },
  "processingInformation": {
    "industryDataType": "airline"
  },
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "500.00",
      "currency": "USD"
    }
  },
  "travellerInformation": {
    "transit": {
      "airline": {
        "ancillaryInformation": {
```

```

    "ticketNumber": "123456789123456",
    "passengerName": "John Doe",
    "connectedTicketNumber": "654321987654321"
  }
}
}
}
}

```

#### Response to a Successful Request

```

{
  "_links": {
    "void": {
      "method": "POST",
      "href": "/pts/v2/captures/6823030661646093703954/voids"
    },
    "self": {
      "method": "GET",
      "href": "/pts/v2/captures/6823030661646093703954"
    }
  },
  "clientReferenceInformation": {
    "code": "TC50171_3"
  },
  "id": "6823030661646093703954",
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "500.00",
      "currency": "USD"
    }
  },
  "reconciliationId": "67221841NGMV8WOT",
  "status": "PENDING",
  "submitTimeUtc": "2023-04-24T02:24:26Z"
}

```

## Refunds

This topic describes how to process an airline refund.

This service returns the funds used in the initial capture and requires the original capture ID.

### Endpoint

Production: `POST https://api.cybersource.com/pts/v2/credits/`

Test: `POST https://apitest.cybersource.com/pts/v2/credits/`

### Required Fields for Processing an Airline Refund

Include these required fields to process an airline refund.

[orderInformation.amountDetails.currency](#)

[orderInformation.amountDetails.totalAmount](#)

## Related Information

- [API field reference guide for the REST API](#)

## Optional Fields for Processing an Airline Refund

This section includes these types of optional fields for an airline refund:

- [General Optional Fields](#)
- [Optional Fields for Ticket Purchases](#)
- [Optional Fields for Ancillary Purchases](#)

### General Optional Fields

You can use these optional fields to include additional information in any airline purchase.

**travellerInformation.agency.code**

**travellerInformation.agency.name**

**travellerInformation.transit.airline.arrivalDate**

**travellerInformation.transit.airline.carrierName**

**travellerInformation.transit.airline.clearingCount**

**travellerInformation.transit.airline.clearingSequence**

**travellerInformation.transit.airline.creditReasonIndicator**

**travellerInformation.transit.airline.customerCode**

**travellerInformation.transit.airline.documentType** For a list of possible values, see [Airline Document Type Codes](#) on page 26.

**travellerInformation.transit.airline.electronicTicketIndicator**

**travellerInformation.transit.airline.exchangeTicketFeeAmount**

**travellerInformation.transit.airline.numberOfPassengers**

**travellerInformation.transit.airline.passengerName**

**travellerInformation.transit.airline.planNumber**

**travellerInformation.transit.airline.purchaseType**

**travellerInformation.transit.airline.reservationSystemCode**

**travellerInformation.transit.airline.restrictedTicketDescription**

**travellerInformation.transit.airline.restrictedTicketIndicator**

**travellerInformation.transit.airline.ticketChangeIndicator**



**travellInformation.transit.airline.ticketIssueDate**  
**travellInformation.transit.airline.ticketIssuer.locality**  
**travellInformation.transit.airline.ticketNumber**  
**travellInformation.transit.airline.totalClearingAmount**  
**travellInformation.transit.airline.totalFeeAmount**  
**travellInformation.transit[].exchangeTicketAmount**

## Airline Optional Fields for Ticket Purchases

You can use these optional fields to include additional information when requesting an airline credit for a ticket purchase.

**travellInformation.transit.airline.legs[].arrivalTime**  
**travellInformation.transit.airline.legs[].arrivalTimeMeridian**  
**travellInformation.transit.airline.legs[].carrierCode**  
**travellInformation.transit.airline.legs[].class**  
**travellInformation.transit.airline.legs[].conjunctionTicket**  
**travellInformation.transit.airline.legs[].couponNumber**  
**travellInformation.transit.airline.legs[].departureDate**  
**travellInformation.transit.airline.legs[].departureTime**  
**travellInformation.transit.airline.legs[].departureTimeMeridian**  
**travellInformation.transit.airline.legs[].destinationAirportCode**  
**travellInformation.transit.airline.legs[].endorsementsRestrictions**  
**travellInformation.transit.airline.legs[].exchangeTicketNumber**  
**travellInformation.transit.airline.legs[].fareBasis**  
**travellInformation.transit.airline.legs[].feeAmount**  
**travellInformation.transit.airline.legs[].flightNumber**  
**travellInformation.transit.airline.legs[].originatingAirportCode**  
**travellInformation.transit.airline.legs[].stopoverIndicator**  
**travellInformation.transit.airline.legs[].taxAmount**  
**travellInformation.transit.airline.legs[].totalFareAmount**

## Ancillary Optional Fields

You can use these optional fields to include additional information when requesting an airline credit for an ancillary purchase.

**travellInformation.transit.airline.ancillaryInformation.connectedTicketNumber**

**travellInformation.transit.airline.ancillaryInformation.creditReasonIndicator**  
**travellInformation.transit.airline.ancillaryInformation.passengerName**  
**travellInformation.transit.airline.ancillaryInformation.serviceType** *For a list of possible categories, see [Ancillary Service Category Codes](#) on page 29.*  
**travellInformation.transit.airline.ancillaryInformation.service[].subCategoryCode**  
**travellInformation.transit.airline.ancillaryInformation.ticketNumber**

## Related Information

- [API field reference guide for the REST API](#)

## REST Example: Processing an Airline Refund

Endpoint:

- Production: POST <https://api.cybersource.com/pts/v2/credits/>
- Test: POST <https://apitest.cybersource.com/pts/v2/credits/>

Use this example as a reference for processing an airline refund.

Request

```
{
  "clientReferenceInformation": {
    "code": "TC50171_3"
  },
  "processingInformation": {
    "industryDataType": "airline"
  },
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "500",
      "currency": "USD"
    }
  }
}
```

Response to a Successful Request

```
{
  "_links": {
    "void": {
      "method": "POST",
      "href": "/pts/v2/refunds/6823038625416445403955/voids"
    },
    "self": {
      "method": "GET",
      "href": "/pts/v2/refunds/6823038625416445403955"
    }
  },
  "clientReferenceInformation": {
    "code": "TC50171_3"
  }
}
```

```

},
"id": "6823038625416445403955",
"orderInformation": {
  "amountDetails": {
    "currency": "USD"
  }
},
"processorInformation": {
  "approvalCode": "888888",
  "responseCode": "100"
},
"reconciliationId": "67722608EGMV6Q7V",
"refundAmountDetails": {
  "currency": "USD",
  "refundAmount": "500.00"
},
"status": "PENDING",
"submitTimeUtc": "2023-04-24T02:37:42Z"
}

```

## Credits

This topic describes how to process an airline credit.  
This service distributes funds without requiring a capture ID.



### Important

All fields used in the original transaction must be included in your request.

## Endpoint

Production: POST <https://api.cybersource.com/pts/v2/credits/>

Test: POST <https://apitest.cybersource.com/pts/v2/credits/>

## Required Fields for Processing an Airline Credit

Include these required fields to process an airline credit.



### Important

When relaxed requirements for address data and the expiration date are being used, not all fields in this list are required. It is your responsibility to determine whether your account is enabled to use this feature and which fields are required. For details about relaxed requirements, see [Relaxed Requirements for Address Data and Expiration Date in Payment Transactions](#).

[\*orderInformation.amountDetails.currency\*](#)

[\*orderInformation.amountDetails.totalAmount\*](#)

*orderInformation.billTo.address1*  
*orderInformation.billTo.administrativeArea*  
*orderInformation.billTo.country*  
*orderInformation.billTo.email*  
*orderInformation.billTo.firstName*  
*orderInformation.billTo.lastName*  
*orderInformation.billTo.locality*  
*orderInformation.billTo.postalCode*  
*paymentInformation.card.expirationMonth*  
*paymentInformation.card.expirationYear*  
*paymentInformation.card.number*  
*processingInformation.industryDataType*      Set the value to **airline**.

## Optional Fields for Processing an Airline Credit

This section includes these types of optional fields for an airline credit:

- [General Optional Fields](#)
- [Optional Fields for Ticket Purchases](#)
- [Optional Fields for Ancillary Purchases](#)

### General Optional Fields

You can use these optional fields to include additional information in any airline purchase.

**travellerInformation.agency.code**  
**travellerInformation.agency.name**  
**travellerInformation.transit.airline.arrivalDate**  
**travellerInformation.transit.airline.carrierName**  
**travellerInformation.transit.airline.clearingCount**  
**travellerInformation.transit.airline.clearingSequence**  
**travellerInformation.transit.airline.creditReasonIndicator**  
**travellerInformation.transit.airline.customerCode**  
**travellerInformation.transit.airline.documentType** For a list of possible values, see [Airline Document Type Codes](#) on page 26.  
**travellerInformation.transit.airline.electronicTicketIndicator**  
**travellerInformation.transit.airline.exchangeTicketFeeAmount**  
**travellerInformation.transit.airline.numberOfPassengers**

**travellInformation.transit.airline.passengerName**  
**travellInformation.transit.airline.planNumber**  
**travellInformation.transit.airline.purchaseType**  
**travellInformation.transit.airline.reservationSystemCode**  
**travellInformation.transit.airline.restrictedTicketDescription**  
**travellInformation.transit.airline.restrictedTicketIndicator**  
**travellInformation.transit.airline.ticketChangeIndicator**  
**travellInformation.transit.airline.ticketIssueDate**  
**travellInformation.transit.airline.ticketIssuer.locality**  
**travellInformation.transit.airline.ticketNumber**  
**travellInformation.transit.airline.totalClearingAmount**  
**travellInformation.transit.airline.totalFeeAmount**  
**travellInformation.transit[].exchangeTicketAmount**

## Airline Optional Fields for Ticket Purchases

You can use these optional fields to include additional information when requesting an airline credit for a ticket purchase.

**travellInformation.transit.airline.legs[].arrivalTime**  
**travellInformation.transit.airline.legs[].arrivalTimeMeridian**  
**travellInformation.transit.airline.legs[].carrierCode**  
**travellInformation.transit.airline.legs[].class**  
**travellInformation.transit.airline.legs[].conjunctionTicket**  
**travellInformation.transit.airline.legs[].couponNumber**  
**travellInformation.transit.airline.legs[].departureDate**  
**travellInformation.transit.airline.legs[].departureTime**  
**travellInformation.transit.airline.legs[].departureTimeMeridian**  
**travellInformation.transit.airline.legs[].destinationAirportCode**  
**travellInformation.transit.airline.legs[].endorsementsRestrictions**  
**travellInformation.transit.airline.legs[].exchangeTicketNumber**  
**travellInformation.transit.airline.legs[].fareBasis**  
**travellInformation.transit.airline.legs[].feeAmount**  
**travellInformation.transit.airline.legs[].flightNumber**  
**travellInformation.transit.airline.legs[].originatingAirportCode**



**travellInformation.transit.airline.legs[].stopoverIndicator**

**travellInformation.transit.airline.legs[].taxAmount**

**travellInformation.transit.airline.legs[].totalFareAmount**

## Ancillary Optional Fields

You can use these optional fields to include additional information when requesting an airline credit for an ancillary purchase.

**travellInformation.transit.airline.ancillaryInformation.connectedTicketNumber**

**travellInformation.transit.airline.ancillaryInformation.creditReasonIndicator**

**travellInformation.transit.airline.ancillaryInformation.passengerName**

**travellInformation.transit.airline.ancillaryInformation.service[].categoryCode** [Ancillary Service Category Codes](#) on page 29.

**travellInformation.transit.airline.ancillaryInformation.service[].subCategoryCode**

**travellInformation.transit.airline.ancillaryInformation.ticketNumber**

## REST Example: Processing an Airline Credit

Endpoint:

- Production: POST <https://api.cybersource.com/pts/v2/credits/>
- Test: POST <https://apitest.cybersource.com/pts/v2/credits/>

Use this example as a reference for crediting an airline payment.

Request

```
{
  "paymentInformation": {
    "card": {
      "number": "4111111111111111",
      "expirationMonth": "12",
      "expirationYear": "31"
    }
  },
  "orderInformation": {
    "amountDetails": {
      "totalAmount": "500.00",
      "currency": "USD"
    }
  },
  "billTo": {
    "firstName": "John",
    "lastName": "Doe",
    "address1": "123 Happy St.",
    "locality": "Sunnyville",
    "administrativeArea": "CA",
    "postalCode": "12345",
    "country": "US",
    "email": "johndoe@test.com"
  }
}
```

```
}
}
}
```

## Response to a Successful Request

```
{
  "_links": {
    "void": {
      "method": "POST",
      "href": "/pts/v2/credits/6823065885666134104951/voids"
    },
    "self": {
      "method": "GET",
      "href": "/pts/v2/credits/6823065885666134104951"
    }
  },
  "clientReferenceInformation": {
    "code": "1682306588644"
  },
  "creditAmountDetails": {
    "currency": "USD",
    "creditAmount": "500.00"
  },
  "id": "6823065885666134104951",
  "orderInformation": {
    "amountDetails": {
      "currency": "USD"
    }
  },
  "paymentAccountInformation": {
    "card": {
      "type": "001"
    }
  },
  "paymentInformation": {
    "tokenizedCard": {
      "type": "001"
    },
    "card": {
      "type": "001"
    }
  },
  "processorInformation": {
    "approvalCode": "888888",
    "responseCode": "100"
  },
  "reconciliationId": "74259417PGM9TXHT",
  "status": "PENDING",
  "submitTimeUtc": "2023-04-24T03:23:08Z"
}
```

# Airline Data Reference Information

This section contains reference information that is useful when using Airline Data.

## Airline Document Type Codes

To indicate the purpose of a purchase, set the **traveller.transit.airline.documentType** field to a value listed in the Code column.

### Airline Document Type Codes

Code	Description
01	Passenger ticket
02	Additional collection
03	Excess baggage
04	Miscellaneous charge order (MCO) or prepaid ticket authorization
05	Special service ticket
06	Supported refund
07	Unsupported refund
08	Lost ticket application
09	Tour order voucher
10	Ticket by mail
11	Undercharge adjustment
12	Group ticket
13	Exchange adjustment

Code	Description
14	SPD or air freight
15	In-flight adjustment
16	Agency passenger ticket
17	Agency tour order or voucher
18	Agency miscellaneous charge order (MCO)
19	Agency exchange order
20	Agency group ticket
21	Debit adjustment for duplicate refund or use
22	In-flight merchandise order
23	Catalogue merchandise order
24	In-flight phone charges
25	Frequent flyer fee or purchase
26	Kennel charge
27	Animal transportation charge
28	Firearms case
29	Upgrade charge
30	Credit for unused transportation
31	Credit for class of service adjustment
32	Credit for denied boarding
33	Credit for miscellaneous refund
34	Credit for lost ticket refund
35	Credit for exchange refund
36	Credit for overcharge adjustment
37	Credit for multiple Unused tickets
38	Exchange order
39	Self-service ticket
41	In-flight duty-free purchase
42	Senior citizen discount booklets
43	Club membership fee
44	Coupon book

Code	Description
45	In-flight charges
46	Tour deposit
47	Frequent flyer overnight delivery charge
48	Frequent flyer fulfillment
49	Small package delivery
50	Vendor sale
51	Miscellaneous taxes or fees
52	Travel agency fee
60	Vendor refund or credit
64	Duty free sale
65	Preferred seat upgrade
66	Cabin upgrade
67	Lounge or club access or day pass
68	Agent assisted reservation or ticketing fee
69	Ticket change or cancel fee
70	Trip insurance
71	Unaccompanied minor
72	Standby fee
73	Curbside baggage
74	In-flight medical equipment
75	Ticket or pass print fee
76	Checked sporting or special equipment
77	Dry ice fee
78	Mail or postage fee
79	Club membership fee or temporary trial
80	Frequent flyer activation or reinstatement
81	Gift certificate
82	Onboard or in-flight prepaid voucher
83	Optional services fee
84	Advance purchase for excess baggage



Code	Description
85	Advance purchase for preferred seat upgrade
86	Advance purchase for cabin upgrade
87	Advance purchase for optional services
88	Wi-Fi
89	Packages
90	In-flight entertainment or internet access
91	Overweight bag fee
92	Sleep sets
93	Special purchase fee

## Ancillary Service Category Codes

To indicate the service provided in an ancillary purchase, set the **travelInformation.transit.airline.ancillaryInformation.service[].categoryCode** and **travelInformation.transit.airline.ancillaryInformation.service[].subCategoryCode** fields to a value listed in the Ancillary Service Category Code column.

### Ancillary Service Category Codes

Ancillary Service Category	Codes	Description
BF		Bundled service
BG		Baggage fee
CF		Change fee
CG		Cargo
CO		Carbon offset
FF		Frequent flyer
GF		Gift card
GT		Ground transport
IE		In-flight entertainment
LG		Lounge
MD		Medical
ML		Meal or beverage
OT		Other

Ancillary Service Category	Codes	Description
PA		Passenger assist fee
PT		Pets
SA		Seat fees
SB		Standby
SF		Service fee
ST		Store
TS		Travel service
UN		Unaccompanied travel
UP		Upgrades
WI		Wi-Fi