

Airline Processing for CyberSource through VisaNet Using the SCMP API

***Supplement to Credit Card Services
for CyberSource through VisaNet
Using the SCMP API***

April 2019



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Recent Revisions to This Document

Release	Changes
April 2019	Added the merchant_descriptor field. See "Request-Level Fields," page 13 , and "Examples," page 25 .
January 2018	This revision contains only editorial changes and no technical updates.
December 2017	This revision contains only editorial changes and no technical updates.
August 2017	Moved the relaxed requirements information to a web page: Relaxed Requirements for Address Data and Expiration Date page .
June 2017	Updated the maximum number of legs for all card types to 4. See Table 3, "Airline Data Processing Features," on page 11 .

About This Guide

Audience and Purpose

This guide is written for application developers who want to use the CyberSource SCMP 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:



A *Note* contains helpful suggestions or references to material not contained in this document.



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

The following text conventions are used in this document:

Table 1 Text Conventions

Convention	Meaning
boldface	<ul style="list-style-type: none">■ API field names■ API service names■ Graphical user interface elements that you must act upon
<code>Screen text</code>	Code in examples or possible values for API fields

Related Documentation

- *Getting Started with CyberSource Advanced for the SCMP API* ([PDF](#) | [HTML](#)) describes how to get started using the SCMP API.
- *Credit Card Services for CyberSource through VisaNet Using the SCMP API* describes how to integrate CyberSource payment processing services into your business. Contact CyberSource Customer Support to request this document.

Refer to the Support Center for complete CyberSource technical documentation:

http://www.cybersource.com/support_center/support_documentation

Customer Support

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

<http://www.cybersource.com/support>

Working with Airline Data

This addendum to *Credit Card Services for CyberSource through VisaNet Using the SCMP API* describes airline data processing with CyberSource.

**Important**

This CyberSource document provides guidelines based on industry information that indicates which fields are needed to obtain the best interchange rate. The payment card companies can change their requirements at any time; contact your acquirer for the latest information.

**Note**

To use CyberSource Decision Manager for transactions that include airline data, you must use the offer-level passenger fields that are listed in the [Decision Manager Using the SCMP API Developer Guide](#).

Prerequisites

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.

CyberSource Airline Data Processing

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



Note

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 a field in the reply indicating that the airline data in the request has been ignored and not sent to the processor.

- For captures, the reply field is **bill_enhanced_data_enabled**.
- For credits, the reply field is **credit_enhanced_data_enabled**.

The possible values for the reply field 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.

Relaxed Requirements for Address Data and Expiration Date

To enable relaxed requirements for address data and expiration date, contact CyberSource Customer Support to have your account configured for this feature. For details about relaxed requirements, see the [Relaxed Requirements for Address Data and Expiration Date](#) page.

Special Characters

Only ASCII characters are supported in airline data. Special characters are not supported. For example, in the passenger name field, you should not include the apostrophe, hyphen, or comma for the names in the following table.

Table 2 Special Characters in Names

Incorrect	Correct
Tom D'Angelo	Tom D Angelo
Susan Smith-Hawkins	Susan Smith Hawkins
Jones, Linda	Jones Linda

Requesting Captures and Credits with Airline Data



Important

To send airline data, the industry data type field must be set to `airline`. If this field is not set to `airline` or is not included in the request, no airline data is sent to the processor.

To include airline data in a capture or credit:

Step 1 Authorize a credit card payment.

Step 2 Capture the authorization.

Include the following information in the capture request:

- Airline data: see the chapter in this document for the processor you are using. Do not include special characters in the airline data. For more information, see ["Special Characters," page 8](#).
- Industry data type field: the field name is **industry_datatype**. Set this field to `airline` to indicate that the request includes airline data.
- Basic fields required for every capture request.
For more information, see *Credit Card Services for CyberSource through VisaNet Using the SCMP API*.
- You can optionally include fields for card-present transactions.
For more information, see *Card-Present Processing for CyberSource through VisaNet Using the SCMP API*.

Step 3 Check the capture reply message.

The reply message includes a field that indicates whether CyberSource sent the airline information to the processor. The field name is **bill_enhanced_data_enabled**. The possible values are:

- Y: the account and card type are enabled for airline data. The airline data was included in the request to the processor.
- N: the account or the card type is not enabled for airline data. The airline data was not included in the request to the processor.

If your account is not enabled for airline data, or if you did not include the industry data type field in your request, CyberSource does not include the airline data in the request sent to the processor.

Step 4 If necessary, credit the payment.

Include the following information in the credit request:

- Airline data: see the chapter in this document for the processor you are using. Do not include special characters in the airline data. For more information, see ["Special Characters," page 8](#).
- Industry data type field: the field name is **industry_datatype**. Set this field to `airline` to indicate that the request includes airline data.
- Basic fields required for every credit request.

For more information, see *Credit Card Services for CyberSource through VisaNet Using the SCMP API*.

Step 5 If you credited the payment, check the credit reply message.

The reply message includes a field that indicates whether CyberSource sent the airline information to the processor. The field name is **credit_enhanced_data_enabled**. The possible values are:

- **Y**: the account and card type are enabled for airline data. The airline data was included in the request to the processor.
- **N**: the account or the card type is not enabled for airline data. The airline data was not included in the request to the processor.

If your account is not enabled for airline data, or if you did not include the industry data type field in your request, CyberSource does not include the airline data in the request sent to the processor.

CyberSource through VisaNet Airline Data

Requirements

**Important**

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.

**Important**

Values for all airline fields must consist of English characters.

Airline Data Processing

The following table describes various features for airline data processing with CyberSource through VisaNet.

Table 3 Airline Data Processing Features

Feature	Description
Ancillary Services	Available for capture and credit requests. Ancillary services include checked baggage, carry-on baggage, meals, on-board entertainment, internet connections, advanced seating, upgraded seating, telephone reservations, early boarding, canceled reservations, modified reservations, pet transportation, and third-party services such as hotel rooms, car rentals, and pick-up and delivery services.
Supported Card Types	Visa Mastercard American Express Discover

Table 3 Airline Data Processing Features (Continued)

Feature	Description
Travel Legs	Maximum number of travel legs: 4 Numbering for the travel legs: 0 to 3 You must include information for at least the first leg of the trip (leg 0). You must use consecutive numbers for the legs; do not skip a number. If you skip a number, CyberSource ignores the legs that follow the skipped number.

Special Data Type

Normally, the string data type indicates a sequence of letters, numbers, spaces, and special characters, such as @ and #. CyberSource through VisaNet also supports a restricted string data type that indicates a sequence of letters, numbers, and spaces; special characters are not included.

Request-Level Fields

The tables in this section describe the airline request fields to use with a capture or credit request.



Important

When you send a capture or credit request with airline data, you must include the basic fields required for every capture or credit request. For information about the non-airline-data fields required for capture and credit requests, see *Credit Card Services for CyberSource through VisaNet Using the SCMP API*. You can also include fields for card-present transactions. See *Card-Present Processing for CyberSource through VisaNet Using the SCMP API*.

Table 4 General Request-Level Fields

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional ¹	Data Type & Length ¹
airline_agent_code	agencyCode	IATA ² code for the travel agency. Format: English characters only.	Optional	Restricted String (8) ³
airline_agent_name	agencyName	Name of the travel agency that is issuing the ticket. Format: English characters only.	Optional	String (25)
airline_arrival_date	arrivalDate	Date of arrival for the last leg of the trip. Format: MMDDYYYY English characters only.	Optional	String (8)
airline_carrier_name	carrierName	Airline that generated the ticket. Format: English characters only.	Optional	Discover: String (19) All other card types: String (25)
airline_clearing_count	clearingSequenceCount	Total number of clearing messages associated with the authorization request. Format: English characters only.	Optional	Integer (2)

¹ Unless otherwise indicated, the information in this column applies to all card types for which airline data is supported as described in "Airline Data Processing," page 11.

² IATA=International Air Transport Association

³ See "Special Data Type," page 12.

Table 4 General Request-Level Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_clearing_sequence	clearingSequence Number	Number that identifies the clearing message when multiple clearing messages are allowed per authorized transaction. Each clearing message linked to one authorization request must include a unique clearing sequence number between 1 and the total number of clearing records. Format: English characters only.	Optional	Integer (2)
airline_credit_reason_ indicator	creditReason Indicator	Reason for the credit. Possible values: <ul style="list-style-type: none"> ■ A: Cancellation of the ancillary passenger transport purchase. ■ B: Cancellation of the airline ticket and the passenger transport ancillary purchase. ■ C: Cancellation of the airline ticket. ■ O: Other. ■ P: Partial refund of the airline ticket. Format: English characters only.	Optional	String (1)
airline_customer_code	customerCode	Reference number or code that identifies the cardholder. Format: English characters only.	Optional	Restricted String (25) ³
airline_document_type	documentType	Airline document type code that specifies the purpose of the transaction. For the possible values, see Appendix A, "Airline Document Type Codes," on page 27 . Format: English characters only.	Optional	String (2)
¹ Unless otherwise indicated, the information in this column applies to all card types for which airline data is supported as described in "Airline Data Processing," page 11. ² IATA=International Air Transport Association ³ See "Special Data Type," page 12.				

Table 4 General Request-Level Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_electronic_ticket	electronicTicket	Flag that indicates whether an electronic ticket was issued. Possible values: <ul style="list-style-type: none"> ■ Y: Yes ■ N: No Format: English characters only.	Optional	String (1)
airline_exchange_ticket_amount	exchangeTicketAmount	Amount of the exchanged ticket. Format: English characters only.	Optional	Decimal (12)
airline_exchange_ticket_fee	exchangeTicketFee	Fee for exchanging the ticket. Format: English characters only.	Optional	Decimal (12)
airline_number_of_passengers	numberOfPassengers	Number of passengers for whom the ticket was issued. Format: English characters only.	Optional	String (3)
airline_passenger_name	passengerName	Passenger's name. Do not include special characters such as commas, hyphens, or apostrophes. Only ASCII characters are supported. Format: English characters only.	Optional	String (20)
airline_plan_number	planNumber	Plan number based on the fare. This value is provided by the airline. Format: English characters only.	Optional	String (2)
airline_purchase_type	ticketType	Type of purchase. Possible values: <ul style="list-style-type: none"> ■ EXC: Exchange ticket ■ MSC: Miscellaneous (not a ticket purchase and not a transaction related to an exchange ticket) ■ REF: Refund ■ TKT: Ticket Format: English characters only.	Optional	String (3)
¹ Unless otherwise indicated, the information in this column applies to all card types for which airline data is supported as described in "Airline Data Processing," page 11. ² IATA=International Air Transport Association ³ See "Special Data Type," page 12.				

Table 4 General Request-Level Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_reservation_system	reservation System	Code that specifies the computerized reservation system used to make the reservation and purchase the ticket. Format: English characters only.	Optional	Restricted String (4) ³
airline_restricted_ticket_indicator	restrictedTicket Indicator	Flag that indicates whether the ticket is restricted (nonrefundable). Possible values: <ul style="list-style-type: none"> ■ 0 : No restriction (refundable) ■ 1 : Restricted (nonrefundable) Format: English characters only.	Optional	Restricted String (1) ³
airline_ticket_issue_date	ticketIssueDate	Date on which the transaction occurred. Format: MMDDYYYY Format: English characters only.	Optional	String (8)
airline_ticket_issuer_city	ticketIssueCity	City in which the transaction occurred. If the name of the city exceeds 18 characters, use meaningful abbreviations. Format: English characters only.	Optional	String (18)
airline_ticket_issuer_code	issuerCode	IATA ² airline code. Format: English characters only.	Mastercard: Required All other card types: Optional	String (4)
airline_ticket_number	ticketNumber	Ticket number. Format: English characters only.	Optional	Restricted String (15) ³
airline_ticket_restriction_text	ticketRestriction Text	Text that describes the ticket limitations, such as <i>non-refundable</i> . Format: English characters only.	Optional	String (20)
¹ Unless otherwise indicated, the information in this column applies to all card types for which airline data is supported as described in "Airline Data Processing," page 11. ² IATA=International Air Transport Association ³ See "Special Data Type," page 12.				

Table 4 General Request-Level Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_ticket_update_ indicator	ticketChange Indicator	Type of update. Possible values: <ul style="list-style-type: none"> ■ C: Change to the existing ticket. ■ N: New ticket. Format: English characters only.	Optional	String (1)
airline_total_clearing	clearingAmount	Total clearing amount for all transactions in the clearing count set. This value cannot exceed 99999999999999999999 (twenty 9s). Format: English characters only.	Optional	Decimal (20)
airline_total_fee	totalFee	Total fee for the ticket. This value cannot exceed 99999999999999999999 (twenty 9s). Format: English characters only.	Optional	Decimal (20)
industry_datatype	No corresponding processor field	Flag that indicates that the transaction includes airline data. This field must be set to <code>airline</code> in order for airline data to be sent to the processor. If this field is not set to <code>airline</code> or is not included in the request, CyberSource does not send airline data to the processor. Format: English characters only.	Required	String (7)
¹ Unless otherwise indicated, the information in this column applies to all card types for which airline data is supported as described in "Airline Data Processing," page 11. ² IATA=International Air Transport Association ³ See "Special Data Type," page 12.				

Table 4 General Request-Level Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional ¹	Data Type & Length ¹
merchant_descriptor	merchantName	<p>Your merchant name. This name is displayed on the cardholder's statement. When you include more than one consecutive space, extra spaces are removed.</p> <p>Note Some airline fee programs may require the original ticket number (ticket identifier) or the ancillary service description in positions 13 through 23 of this field.</p> <p>Important This value must consist of English characters.</p>	Required for captures and credits	String (23)
<p>1 Unless otherwise indicated, the information in this column applies to all card types for which airline data is supported as described in "Airline Data Processing," page 11.</p> <p>2 IATA=International Air Transport Association</p> <p>3 See "Special Data Type," page 12.</p>				

Table 5 Ancillary Request Fields

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional ¹	Data Type & Length ¹
ancillary_connected_ticket_number	connectedTicketDocumentNumber	<p>Number for the airline ticket to which the ancillary purchase is connected.</p> <p>If this purchase has a connection or relationship to another purchase such as a baggage fee for a passenger transport ticket, this field must contain the ticket number for the other purchase.</p> <p>For a stand-alone purchase, the value for this field must be the same as the value for the ancillary_ticket_number field.</p> <p>Important This field is required in the U.S. in order for you to qualify for either the custom payment service (CPS) or the electronic interchange reimbursement fee (EIRF) program.</p> <p>Format: English characters only.</p>	Optional	String (15)
ancillary_credit_reason_indicator	creditReasonIndicator	<p>Reason for the credit. Possible values:</p> <ul style="list-style-type: none"> ■ A: Cancellation of ancillary purchase. ■ B: Cancellation of airline ticket and ancillary purchase. ■ O: Other. <p>Format: English characters only.</p>	Optional	String (1)
<p>¹ Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11.</p>				

Table 5 Ancillary Request Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional ¹	Data Type & Length ¹
ancillary_passenger_name	passengerName	<p>Name of the passenger. If the passenger's name is not available, this value is the cardholder's name. If neither the passenger's name nor the cardholder's name is available, this value is a description of the ancillary purchase.</p> <p>Important This field is required in the U.S. in order for you to qualify for either the custom payment service (CPS) or the electronic interchange reimbursement fee (EIRF) program.</p> <p>Format: English characters only.</p>	Optional	String (20)
ancillary_service#_ category_code	category	<p>Category code for the ancillary service that is provided. Obtain the codes from the International Air Transport Association (IATA).</p> <p>Note # is either 0, 1, 2, or 3.</p> <p>Important This field is required in the U.S. in order for you to qualify for either the custom payment service (CPS) or the electronic interchange reimbursement fee (EIRF) program.</p> <p>Format: English characters only.</p>	Optional	String (4)
ancillary_service#_ subcategory_code	subcategory	<p>Subcategory code for the ancillary service category. Obtain the codes from the International Air Transport Association (IATA).</p> <p>Note # is 0, 1, 2, or 3.</p> <p>Format: English characters only.</p>	Optional	String (4)
¹ Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11.				

Table 5 Ancillary Request Fields (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional ¹	Data Type & Length ¹
ancillary_ticket_number	ticketNumber	<p>Ticket number, which consists of the carrier code, form, and serial number, without the check digit.</p> <p>Important This field is required in the U.S. in order for you to qualify for either the custom payment service (CPS) or the electronic interchange reimbursement fee (EIRF) program.</p> <p>Format: English characters only.</p>	Optional	String (15)

¹ Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11.

Table 6 Request-Level Fields for Travel Legs

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional ¹	Data Type & Length ¹
airline_leg#_arrival_time	arrivalTime	<p>Time of arrival for this leg of the trip. The format is military time and HHMM: If not all zeros, then the hours must be 00-23 and the minutes must be 00-59.</p> <p>Format: English characters only.</p>	Optional	Integer (4)
airline_leg#_arrival_time_segment	arrivalTime Segment	<p>AM or PM for the arrival time for this leg of the trip. Possible values:</p> <ul style="list-style-type: none"> ■ A : 12:00 midnight to 11:59 a.m. ■ P : 12:00 noon to 11:59 p.m. <p>Format: English characters only.</p>	Optional	Restricted String (1) ²
airline_leg#_carrier_code	carrierCode	<p>IATA³ code for the carrier for this leg of the trip.</p> <p>Format: English characters only.</p>	Optional	Restricted String (2) ²

¹ Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11.

² See "Special Data Type," page 12.

³ IATA=International Air Transport Association

Table 6 Request-Level Fields for Travel Legs (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_leg#_class	serviceClass	IATA ³ code for the class of service for this leg of the trip. Format: English characters only.	Optional	Restricted String (1) ²
airline_leg#_conjunction_ticket	conjunctionTicket	Ticket that contains additional coupons for this leg of the trip on an itinerary that has more than four segments. Format: English characters only.	Optional	Restricted String (25) ²
airline_leg#_coupon_number	couponNumber	Coupon number. Each leg on the ticket requires a separate coupon, and each coupon is identified by the coupon number. Format: English characters only.	Optional	Restricted String (1) ²
airline_leg#_leg_departure_date	departureDate	Departure date for this leg of the trip. The format is MMDDYY. Format: English characters only.	Optional	Integer (6)
airline_leg#_departure_time	departureTime	Time of departure for this leg of the trip. The format is military time and HHMM: If not all zeros, then the hours must be 00-23 and the minutes must be 00-59. Format: English characters only.	Optional	Integer (4)
airline_leg#_departure_time_segment	departureTime Segment	AM or PM for the departure time for this leg of the trip. Possible values: ■ A : 12:00 midnight to 11:59 a.m. ■ P : 12:00 noon to 11:59 p.m. Format: English characters only.	Optional	Restricted String (1) ²
airline_leg#_destination	destination	IATA ³ code for the destination airport for this leg of the trip. Format: English characters only.	Optional	Restricted String (3) ²
¹ Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11. ² See "Special Data Type," page 12. ³ IATA=International Air Transport Association				

Table 6 Request-Level Fields for Travel Legs (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_leg#_endorsements_ restrictions	endorsement Restrictions	Notes or notations about endorsements and restrictions for this leg of the trip. Endorsements can be notations added by the travel agency, including mandatory government- required notations such as value added tax. Restrictions are limitations for the ticket based on the type of fare, such as a nonrefundable ticket or a 3-day minimum stay. Format: English characters only.	Optional	String (20)
airline_leg#_exchange_ ticket	exchangeTicket	New ticket number that is issued when the ticket is exchanged for this leg of the trip. Format: English characters only.	Optional	Restricted String (25) ²
airline_leg#_fare	fare	Total fare for this leg of the trip. Format: English characters only.	Optional	Decimal (12)
airline_leg#_fare_basis	fareBasisCode	Code for the fare basis for this leg of the trip. The fare basis is assigned by the carriers and indicates a particular ticket type, such as business class or discounted/nonrefundable. Format: English characters only.	Optional	Restricted String (6) ²
airline_leg#_fee	fee	Fee for this leg of the trip, such as an airport fee or country fee. Format: English characters only.	Optional	Decimal (12)
airline_leg#_flight_number	flightNumber	Flight number for this leg of the trip. Format: English characters only.	Optional	Restricted String (5) ²
¹ Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11. ² See "Special Data Type," page 12. ³ IATA=International Air Transport Association				

Table 6 Request-Level Fields for Travel Legs (Continued)

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
airline_leg#_originating_ airport_code	airportCode	IATA ³ code for the originating airport for this leg of the trip. Format: English characters only.	Optional	Restricted String (3) ²
airline_leg#_stopover_code	stopoverCode	Code that indicates whether a stopover is allowed on this leg of the trip. Possible values: <ul style="list-style-type: none"> ■ O (capital letter "O") (default): Stopover allowed ■ X (capital letter "X"): Stopover not allowed Format: English characters only.	Optional	Restricted String (1) ²
airline_leg#_tax	tax	Tax for this leg of the trip. Format: English characters only.	Optional	Decimal (12)

1 Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11.

2 See "Special Data Type," page 12.

3 IATA=International Air Transport Association

Table 7 Offer-Level Field

CyberSource Field Name	CyberSource through VisaNet Field Name	Description	Required / Optional¹	Data Type & Length¹
tax_amount	totalTaxes	Tax portion of the order amount. This value cannot exceed 99999999999999 (fourteen 9s). Format: English characters only.	Optional	Decimal (14)

1 Unless otherwise indicated, the information in this column applies to all the card types for which airline data is supported as described in "Airline Data Processing," page 11.

Examples

Example 1 Capture Request with Airline Data

```

ics_applications=ics_bill
merchant_id=World Wide Travel
merchant_ref_number=R98TV09EN200W
merchant_descriptor=World Wide Travel
industry_datatype=airline
auth_request_id=0839543530000172034078
currency=USD
grand_total_amount=204.78
airline_agent_code=98222147
airline_agent_name=Cyber Vacations
airline_passenger_name=Johnny Smith
airline_restricted_ticket_indicator=0
airline_ticket_number=02721187251
airline_leg0_leg_departure_date=121511
airline_leg0_departure_time=0931
airline_leg0_departure_time_segment=A
airline_leg0_originating_airport_code=SJC
airline_leg0_carrier_code=AA
airline_leg0_destination=SEA
airline_leg0_fare_basis=HL7WNR
airline_leg0_coupon_number=1
airline_leg0_arrival_time=1131
airline_leg0_arrival_time_segment=A
airline_leg1_departure_date=122011
airline_leg1_departure_time=1625
airline_leg1_departure_time_segment=P
airline_leg1_originating_airport_code=SEA
airline_leg1_carrier_code=AA
airline_leg1_destination=SJC
airline_leg1_fare_basis=HL7WNR
airline_leg1_coupon_number=2
airline_leg1_arrival_time=1837
airline_leg1_arrival_time_segment=P

```

Example 2 Capture Reply with Airline Data

```
request_id=0305782650000167905080
ics_rcode=1
ics_rflag=SOK
ics_rmsg=Request was processed successfully.
merchant_ref_number=R98TV09EN200W
currency=USD
bill_rcode=1
bill_rflag=SOK
bill_rmsg=Request was processed successfully.
bill_bill_amount=204.78
bill_trans_ref_no=1094820975023470
bill_enhanced_data_enabled=y
```

Example 3 Capture Request with Ancillary Data

```
ics_applications=ics_bill
merchant_id=World Wide Travel
merchant_ref_number=R98TV09EN200W
merchant_descriptor=World Wide Travel
industry_datatype=airline
auth_request_id=0839543530000172034078
currency=USD
grand_total_amount=204.78
ancillary_connected_ticket_number=98765432112345
ancillary_credit_reason_indicator=A
ancillary_passenger_name=Jane Smith
ancillary_service0_category_code=MEAL
ancillary_service0_subcategory_code=SPM
ancillary_service1_category_code=ENTM
ancillary_service1_subcategory_code=DTV
ancillary_ticket_number=123456789123456
```

Example 4 Capture Reply with Ancillary Data

```
request_id=4250238442125000001540
ics_rcode=1
ics_rflag=SOK
ics_rmsg=Request was processed successfully.
merchant_ref_number=R98TV09EN200W
currency=USD
bill_rcode=1
bill_rflag=SOK
bill_rmsg=Request was processed successfully.
bill_bill_amount=204.78
bill_trans_ref_no=4250238432115000001540
bill_enhanced_data_enabled=y
```

Airline Document Type Codes

Table 8 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
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

Table 8 Airline Document Type Codes (Continued)

Code	Description
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
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

Table 8 Airline Document Type Codes (Continued)

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