Authorizations

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	purchaseTotals_grandTotalAmount*	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Required	String	15
D	billTo_firstName*	Customer's first name.The value should be the same as the one that appears on the card.	Required	String	60
E	billTo_lastName*	Customer's last name. The value should be the same as the one that appears on the card.	Required	String	60
F	billTo_customerID	Your identifier for the customer.	Optional	String	50
G	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
H	billTo_street1*	First line of the billing street address.	Required	String	60
I	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Required	String	60
J	billTo_city*	City of the billing address.	Required	String	50
K	billTo_state*	State or province of the billing address. Use the two-character codes.	Required	String	2
L	billTo_country*	Country of the billing address. Use the two-character ISO codes.	Required	String	2

M	billTo_postalCode*	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Required	String	10
N	card_accountNumber*	Customer's credit card number.	Required	String (Numbers Only)	20
O	billTo_phoneNumber	Customer's phone number.	Required	String	15
P	card_expirationMonth*	Two-digit month in which the credit card expires. Format: MM. Possible values: 01 through 12. The leading 0 is required.	Required	String	2
Q	card_expirationYear*	Four-digit year in which the credit card expires. Format: YYYY.	Required	String	4
R	card_cardType*	Type of card to authorize. This field is required if the card type is JCB (007), and optional for all other card types. • 001: Visa • 002: MasterCard • 003: American Express • 004: Discover • 005: Diners Club • 007: JCB (required)	Required	String	3

| S | card_cvIndicator | Card verification indicator used to indicate if a card verification value was sent. Accepted by FDMS Nashville and FDMS South.

Possible values:

• 0: CV number service not requested.

• 1: CV number service requested and supported.

• 2: CV number on credit card is illegible.

• 9: CV number was not imprinted on credit card.

The default value is 1 if you send the card_cvNumber field in the request, and 0 if you do not send the card_cvNumber field. | Optional | String (Numbers Only) | 4 |
| T | card_cvNumber | Card verification number. Do not include this field if FDMS South is your processor and you are performing a $0 authorization. | Optional | String (Numbers Only) | 2 |

U	ccAuthService_commerceIndicator	Transaction channel type. Possible values: • internet (default): eCommerce transaction. • install: Installment profile. Payments will be made in installments. If selected, then installment_sequence and installment_totalCount are required. This value is valid only for Visa. • moto: Mail order or telephone order. See **Indicating a Recurring Payment** for information about recurring payments.	Optional	String	13
V	comments	Optional comments you have about the authorization. These comments will not be shown to the customer.	Optional	String	255
W	merchantDefinedData_field1	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
X	merchantDefinedData_field2	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
Y	merchantDefinedData_field3	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64

Z	merchantDefinedData_field4	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AA	shipTo_firstName	First name of the person receiving the shipment.	Optional	String	60
AB	shipTo_lastName	Last name of the person receiving the shipment.	Optional	String	60
AC	shipTo_street1	First line of the address to which to ship the product.	Optional	String	60
AD	shipTo_street2	Second line of the address to which to ship the product.	Optional	String	60
AE	shipTo_city		Optional	String	50
AF	shipTo_state	State or province to which to ship the product. Use the two-character codes.	Optional	String	2
AG	shipTo_country	Country to which to ship the product. Use the two-character ISO codes.	Optional	String	2
AH	shipTo_postalCode	Postal code for the shipping address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of shipTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Optional	String	10

Sales

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	purchaseTotals_grandTotalAmount*	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Required	String	15
D	billTo_firstName*	Customer's first name.The value should be the same as the one that appears on the card.	Required	String	60
E	billTo_lastName*	Customer's last name. The value should be the same as the one that appears on the card.	Required	String	60
F	billTo_customerID	Your identifier for the customer.	Optional	String	50
G	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
H	billTo_street1*	First line of the billing street address.	Required	String	60
I	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Required	String	60
J	billTo_city*	City of the billing address.	Required	String	50
K	billTo_state*	State or province of the billing address. Use the two-character codes.	Required	String	2
L	billTo_country*	Country of the billing address. Use the two-character ISO codes.	Required	String	2

M	billTo_postalCode*	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Required	String	10
N	card_accountNumber*	Customer's credit card number.	Required	String (Numbers Only)	20
O	billTo_phoneNumber	Customer's phone number.	Required	String	15
P	card_expirationMonth*	Two-digit month in which the credit card expires. Format: MM. Possible values: 01 through 12. The leading 0 is required.	Required	String	2
Q	card_expirationYear*	Four-digit year in which the credit card expires. Format: YYYY.	Required	String	4
R	card_cardType*	Type of card to authorize. This field is required if the card type is JCB (007), and optional for all other card types. • 001: Visa • 002: MasterCard • 003: American Express • 004: Discover • 005: Diners Club • 007: JCB (required)	Required	String	3

S	card_cvIndicator	Card verification indicator used to indicate if a card verification value was sent. Accepted by FDMS Nashville and FDMS South. Possible values: • 0: CV number service not requested. • 1: CV number service requested and supported. • 2: CV number on credit card is illegible. • 9: CV number was not imprinted on credit card. The default value is 1 if you send the card_cvNumber field in the request, and 0 if you do not send the card_cvNumber field.	Optional	String (Numbers Only)	4
T	card_cvNumber	Card verification number. Do not include this field if FDMS South is your processor and you are performing a $0 authorization.	Optional	String (Numbers Only)	2
U	ccAuthService_commerceIndicator	Transaction channel type. Possible values: • internet (default): eCommerce transaction. • install: Installment profile. Payments will be made in installments. If selected, then installment_sequence and installment_totalCount are required. This value is valid only for Visa. • moto: Mail order or telephone order. See **Indicating a Recurring Payment** for information about recurring payments.	Optional	String	13
V	comments	Optional comments you have about the authorization. These comments will not be shown to the customer.	Optional	String	255
W	merchantDefinedData_field1	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64

X	merchantDefinedData_field2	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
Y	merchantDefinedData_field3	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
Z	merchantDefinedData_field4	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AA	shipTo_firstName	First name of the person receiving the shipment.	Optional	String	60
AB	shipTo_lastName	Last name of the person receiving the shipment.	Optional	String	60
AC	shipTo_street1	First line of the address to which to ship the product.	Optional	String	60
AD	shipTo_street2	Second line of the address to which to ship the product.	Optional	String	60
AE	shipTo_city		Optional	String	50
AF	shipTo_state	State or province to which to ship the product. Use the two-character codes.	Optional	String	2
AG	shipTo_country	Country to which to ship the product. Use the two-character ISO codes.	Optional	String	2

| AH | shipTo_postalCode | Postal code for the shipping address. The postal code must consist of 5 to 9 digits.

For a 9-digit postal code, use the following format: [5 digits][dash][4 digits]

If the value of shipTo_country is CA, the postal code must follow these rules:

• If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha].

• If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric]. | Optional | String | 10 |

Captures

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	purchaseTotals_grandTotalAmount*	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Required	String	15
D	ccCaptureService_authRequestID*	The **requestID** returned from a previous request for **ccAuthService**.	Required	NA	NA
E	ccCaptureService_authRequestToken	The **requestToken** returned from a previous request for **ccAuthService**.	Optional	NA	NA
F	ccCaptureService_authType	If the request contains a verbally authorized transaction, this field must contain the value **verbal**.	Optional	NA	NA
G	ccCaptureService_verbalAuthCode	Verbally received authorization code.	Optional	NA	NA
H	billTo_customerID	Your identifier for the customer.	Optional	NA	NA
I	merchantDefinedData_field1	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
J	merchantDefinedData_field2	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
K	merchantDefinedData_field3	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
L	merchantDefinedData_field4	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64

Credits

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	purchaseTotals_grandTotalAmount*	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Required	String	15
D	billTo_firstName*	Customer's first name.The value should be the same as the one that appears on the card.	Required	String	60
E	billTo_lastName*	Customer's last name. The value should be the same as the one that appears on the card.	Required	String	60
F	billTo_customerID	Your identifier for the customer.	Optional	String	50
G	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
H	billTo_street1*	First line of the billing street address.	Required	String	60
I	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Required	String	60
J	billTo_city*	City of the billing address.	Required	String	50
K	billTo_state*	State or province of the billing address. Use the two-character codes.	Required	String	2
L	billTo_country*	Country of the billing address. Use the two-character ISO codes.	Required	String	2

M	billTo_postalCode*	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Required	String	10
N	card_accountNumber*	Customer's credit card number.	Required	String (Numbers Only)	20
O	card_cardType*	Type of card to authorize. This field is required if the card type is JCB (007), and optional for all other card types. • 001: Visa • 002: MasterCard • 003: American Express • 004: Discover • 005: Diners Club • 007: JCB (required)	Required	String	3
P	billTo_phoneNumber	Customer's phone number.	Required	String	15
Q	card_expirationMonth*	Two-digit month in which the credit card expires. Format: MM. Possible values: 01 through 12. The leading 0 is required.	Required	String	2
R	card_expirationYear*	Four-digit year in which the credit card expires. Format: YYYY.	Required	String	4

S	card_cvIndicator	Card verification indicator used to indicate if a card verification value was sent. Accepted by FDMS Nashville and FDMS South. Possible values: • 0: CV number service not requested. • 1: CV number service requested and supported. • 2: CV number on credit card is illegible. • 9: CV number was not imprinted on credit card. The default value is 1 if you send the card_cvNumber field in the request, and 0 if you do not send the card_cvNumber field.	Optional	String (Numbers Only)	4
T	card_cvNumber	Card verification number. Do not include this field if FDMS South is your processor and you are performing a $0 authorization.	Optional	String (Numbers Only)	2
U	ccCreditService_captureRequestID	The requestID returned from a previous request for ccCaptureService. Creates a follow-on credit by linking the credit to the previous capture. If you send this field, you do not need to send several other Credit request fields. See **Crediting a Payment** for more information about follow-on credits.	Optional	NA	NA
V	ccCreditService_captureRequestToken	The **requestToken** returned from a previous request for **ccCaptureService**.	Optional	NA	NA
W	ccCreditService_commerceIndicator	Transaction type. Use with stand-alone credits. See **Request Fields** for possible values.	Optional	NA	NA
X	merchantDefinedData_field1	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64

Credits

Y	merchantDefinedData_field2	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
Z	merchantDefinedData_field3	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AA	merchantDefinedData_field4	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AB	shipTo_firstName	First name of the person receiving the shipment.	Optional	String	60
AC	shipTo_lastName	Last name of the person receiving the shipment.	Optional	String	60
AD	shipTo_street1	First line of the address to which to ship the product.	Optional	String	60
AE	shipTo_street2	Second line of the address to which to ship the product.	Optional	String	60
AF	shipTo_city		Optional	String	50
AG	shipTo_state	State or province to which to ship the product. Use the two-character codes.	Optional	String	2
AH	shipTo_country	Country to which to ship the product. Use the two-character ISO codes.	Optional	String	2

| AI | shipTo_postalCode | Postal code for the shipping address. The postal code must consist of 5 to 9 digits.

For a 9-digit postal code, use the following format:
[5 digits][dash][4 digits]

If the value of shipTo_country is CA, the postal code must follow these rules:

• If the number of characters is greater than 3, the first 3 characters must be in the following format:
[alpha][numeric][alpha].

• If the number of characters is 7, the last 3 characters must be in the following format:
[numeric][alpha][numeric]. | Optional | String | 10 |

Electronic Check - Debits

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	purchaseTotals_grandTotalAmount*	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Required	String	15
D	billTo_firstName*	Customer's first name.The value should be the same as the one that appears on the card.	Required	String	60
E	billTo_lastName*	Customer's last name. The value should be the same as the one that appears on the card.	Required	String	60
F	billTo_customerID	Your identifier for the customer.	Optional	String	50
G	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
H	billTo_street1*	First line of the billing street address.	Required	String	60
I	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Required	String	60
J	billTo_city*	City of the billing address.	Required	String	50
K	billTo_state*	State or province of the billing address. Use the two-character codes.	Required	String	2
L	billTo_country*	Country of the billing address. Use the two-character ISO codes.	Required	String	2

M	billTo_postalCode*	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Required	String	10
N	check_accountType*	Checking account type. See **Request Fields** for possible values.	Required	NA	NA
O	check_bankTransitNumber*	Bank routing number (or "transit number").	Required	NA	NA
P	check_accountNumber*	Checking account number. If processing encoded account numbers, use this field for the encoded account number.	Required	NA	NA
Q	check_checkNumber	Check number. **NOTE:** If you use AmeriNet, check with them to see if they require you to provide this field.	Optional	NA	NA
R	billTo_phoneNumber	Customer's phone number.	Optional	String	15
S	billTo_driversLicenseNumber	Driver's license number of the customer. Required for AmeriNet guaranteed personal checking. For TeleCheck, see description of billTo_company.	Optional	NA	NA

T	billTo_driversLicenseState	State or province where the customer's driver's license was issued. Required for AmeriNet guaranteed personal checking. For TeleCheck, see description of billTo_company.	Optional	NA	NA
U	billTo_company	Name of the customer's company. Required for AmeriNet guaranteed corporate checking. For TeleCheck personal checks, you must provide billTo_driversLicenseNumber and billTo_driversLicenseState. For TeleCheck corporate checks, you must provide either both billTo_driversLicenseNumber and billTo_driversLicenseState, or both billTo_company and billTo_companyTaxID.	Optional	NA	NA
V	billTo_companyTaxID	Tax identifier of the customer's company. For TeleCheck, see description of **billTo_company**.	Optional	NA	NA
W	billTo_dateOfBirth	Customer's date of birth. NOTE If you use AmeriNet, check with them to see if they require you to provide this field. For AmeriNet corporate accounts, use the value 1970-01-01	Optional	NA	NA
X	billTo_ipAddress	IP address for the customer. Example: 10.1.27.63.	Optional	String	15
Y	check_secCode	Code that specifies the authorization method for the transaction.	Optional	String	3

Electronic Check - Credits

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	purchaseTotals_grandTotalAmount	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Required	String	15
D	billTo_firstName*	Customer's first name.The value should be the same as the one that appears on the card.	Required	String	60
E	billTo_lastName*	Customer's last name. The value should be the same as the one that appears on the card.	Required	String	60
F	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
G	billTo_street1*	First line of the billing street address.	Required	String	60
H	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Required	String	60
I	billTo_city*	City of the billing address.	Required	String	50
J	billTo_state*	State or province of the billing address. Use the two-character codes.	Required	String	2
K	billTo_country*	Country of the billing address. Use the two-character ISO codes.	Required	String	2
L	billTo_postalCode*	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Required	String	10

M	check_accountType*	Checking account type. See **Request Fields** for possible values.	Required	NA	NA
N	check_bankTransitNumber*	Bank routing number (or "transit number").	Required	NA	NA
O	check_accountNumber*	Checking account number. If processing encoded account numbers, use this field for the encoded account number.	Required	NA	NA
P	check_checkNumber	Check number. **NOTE:** If you use AmeriNet, check with them to see if they require you to provide this field.	Optional	NA	NA
Q	billTo_phoneNumber	Customer's phone number.	Optional	String	15
R	billTo_driversLicenseNumber	Driver's license number of the customer. Required for AmeriNet guaranteed personal checking. For TeleCheck, see description of billTo_company.	Optional	NA	NA
S	billTo_driversLicenseState	State or province where the customer's driver's license was issued. Required for AmeriNet guaranteed personal checking. For TeleCheck, see description of billTo_company.	Optional	NA	NA
T	billTo_company	Name of the customer's company. Required for AmeriNet guaranteed corporate checking. For TeleCheck personal checks, you must provide billTo_driversLicenseNumber and billTo_driversLicenseState. For TeleCheck corporate checks, you must provide either both billTo_driversLicenseNumber and billTo_driversLicenseState, or both billTo_company and billTo_companyTaxID.	Optional	NA	NA
U	billTo_companyTaxID	Tax identifier of the customer's company. For TeleCheck, see description of **billTo_company**.	Optional	NA	NA

V	ecCreditService_debitRequestID	The requestID from the previous debit. See **Follow-on** or **Stand-Alone Credit** for more information.	Required for a CyberSource follow-on credit.	NA	NA
W	ecCreditService_debitRequestToken	The **requestToken** returned from a previous request for **ecDebitService**.	Optional	NA	NA
X	ecCreditService_partialPaymentID	Merchant-generated value that identifies a specific partial credit associated with an order. Make sure the field value you use for each credit request is unique within the scope of the order. Used only for TeleCheck. See **Multiple Partial Credits**.	Required for TeleCheck partial credits.	NA	NA
Y	ecCreditService_referenceNumber	For CyberSource stand-alone credits with TeleCheck, set this field to the value that you received in the ecDebitReply_reconciliationID field in the associated debit's reply. See **Follow-on** or **Stand-Alone Credit** for more information.	Required for CyberSource stand-alone credits with TeleCheck.	NA	NA
Z	billTo_dateOfBirth	Customer's date of birth. NOTE If you use AmeriNet, check with them to see if they require you to provide this field. For AmeriNet corporate accounts, use the value 1970-01-01	Optional	NA	NA

New Subscriptions - Create

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
C	recurringSubscriptionInfo_amount*	Amount of the subscription payments, for example, 19.95. For on-demand subscriptions, this value can be 0. Create: Required for installment and recurring subscription; optional for on-demand subscriptions	Required	String	15
D	purchaseTotals_grandTotalAmount	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Optional	String	15
E	billTo_firstName*	Customer's first name.The value should be the same as the one that appears on the card.	Required	String	60
F	billTo_lastName*	Customer's last name. The value should be the same as the one that appears on the card.	Required	String	60
G	billTo_customerID	Your identifier for the customer.	Optional	String	50
H	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
I	billTo_street1*	First line of the billing street address.	Required	String	60
J	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Required	String	60
K	billTo_city*	City of the billing address.	Required	String	50
L	billTo_state*	State or province of the billing address. Use the two-character codes.	Required	String	2
M	billTo_country*	Country of the billing address. Use the two-character ISO codes.	Required	String	2

N	billTo_postalCode*	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Required	String	10
O	card_accountNumber*	Customer's credit card number.	Required	String (Numbers	20
P	billTo_phoneNumber	Customer's phone number.	Required	String	15
Q	billTo_company	Customer's Company Name	Optional	String	60
R	card_expirationMonth*	Two-digit month in which the credit card expires. Format: MM. Possible values: 01 through 12. The leading 0 is required.	Required	String	2
S	card_expirationYear*	Four-digit year in which the credit card expires. Format: YYYY.	Required	String	4

T	card_cardType*	Type of card to authorize. This field is required if the card type is JCB (007), and optional for all other card types. • 001: Visa • 002: MasterCard • 003: American Express • 004: Discover • 005: Diners Club • 007: JCB (required)	Required	String	3
U	card_cvIndicator	Card verification indicator used to indicate if a card verification value was sent. Accepted by FDMS Nashville and FDMS South. Possible values: • 0: CV number service not requested. • 1: CV number service requested and supported. • 2: CV number on credit card is illegible. • 9: CV number was not imprinted on credit card. The default value is 1 if you send the card_cvNumber field in the request, and 0 if you do not send the card_cvNumber field.	Optional	String (Numbers	4
V	card_cvNumber	Card verification number. Do not include this field if FDMS South is your processor and you are performing a $0 authorization.	Optional	String (Numbers	2
W	subscription_title	Name or title of the subscription.	Optional	String	60

X	recurringSubscriptionInfo_frequency*	Frequency of payments. Possible values: • on-demand: For an on-demand subscription (which has no payment schedule) • weekly: 7 days • bi-weekly: 14 days • semi-monthly: 15 days • monthly: 1 month • quarterly: 3 months • quad-weekly: 4 weeks • semi-annually: 26 weeks • annually: 1 year	Required	String	20
Y	recurringSubscriptionInfo_numberOfPayments	Number of payments for an installment subscription. The maximum allowed value is 156, which corresponds to 3 years of weekly payments.	Optional (Required for "installment" subscriptions)	Integer	3
Z	recurringSubscriptionInfo_startDate	Date when your customer is billed for the first time for installment and recurring subscriptions. Use format YYYYMMDD. See **Setting the Start Date for the Subscription** for information about how to determine the start date.	Optional	Integer	10

AA	recurringSubscriptionInfo_approvalRequired	Whether the subscription uses approval-required payments. For more information, see **Automatic or Approval-Required Payments**. Possible values: • true: Payments must be approved before processing • false (default): Payments do not need to be approved before processing	Optional	String	5
AB	recurringSubscriptionInfo_automaticRenew	Whether to automatically renew the payment schedule for the subscription. Possible values: • true: (default) Subscription schedule renewed automatically • false: Subscription schedule not renewed automatically **WARNING** The default is automatic renewal. When creating an installment subscription, make sure to set this to false, or else CyberSource will incorrectly continue billing the customer after the last installment payment.	Optional	String	5
AC	comments	Optional comments you have about the authorization. These comments will not be shown to the customer.	Optional	String	255
AD	merchantDefinedData_field1	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64

AE	merchantDefinedData_field2	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AF	merchantDefinedData_field3	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AG	merchantDefinedData_field4	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile.	Optional	String	64
AH	merchantSecureData_field1	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	100 Bytes
AI	merchantSecureData_field2	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	100 Bytes
AJ	merchantSecureData_field3	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	100 Bytes
AK	merchantSecureData_field4	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	2K Bytes

AL	paySubscriptionCreateService_disableAutoAuth	Whether to turn off the $1.00 pre-authorization check when creating this particular subscription. You use this if you are configured to use the $1.00 pre-authorization, but for the specific subscription you are creating, you want to override that setting. Possible values: • N: No, go ahead and perform the $1.00 pre-authorization for this subscription • Y: Yes, do NOT perform the $1.00 pre-authorization for this subscription	Optional	String	1
AM	paySubscriptionCreateService_paymentRequestID	Required when converting an existing authorization to a subscription. The value is that of the requestID reply field from the authorization.	Optional	String	26

AN	paySubscriptionCreateService_paymentRequestToken	The requestToken value returned from a previous request for ccAuthService. This field is required when you are creating a subscription based on information from a credit card authorization. Otherwise, it is not used. The field is an encoded string that contains no confidential information, such as an account or card verification number. The string may contain up to 256 characters. You can start using the request token immediately, or you can do so at any time during the transition period: • After you start using the request token, you must do so for all future follow-on requests. • If you cannot use the request token immediately, CyberSource will store the request token data for you and retrieve it as necessary when you send follow-on requests. However, you will need to start using the request token before the end of the transition period. • You can read the **migration guide** that describes the request token.	Optional	String	256
AO	shipTo_firstName	First name of the person receiving the shipment.	Optional	String	60
AP	shipTo_lastName	Last name of the person receiving the shipment.	Optional	String	60
AQ	shipTo_company	Name of Company receiving the shipment	Optional	String	60
AR	shipTo_street1	First line of the address to which to ship the product.	Optional	String	60
AS	shipTo_street2	Second line of the address to which to ship the product.	Optional	String	60
AT	shipTo_city		Optional	String	50
AU	shipTo_state	State or province to which to ship the product. Use the two-character codes.	Optional	String	2

AV	shipTo_country	Country to which to ship the product. Use the two-character ISO codes.	Optional	String	2
AW	shipTo_postalCode	Postal code for the shipping address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of shipTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format: [numeric][alpha][numeric].	Optional	String	10

| AX | businessRules_ignoreAVSResult | Use only if you are using automatic pre-authorization. See Automatic Pre-Authorization. This field overrides that configuration setting and enables you to create the subscription even if the credit card does not pass the AVS check.

NOTE: Do not use this field if you are using Smart Authorization for AVS results. See Disabling AVS and Card Verification for Pre-Authorization.

Possible values:

• true: Ignore the results of the AVS check and create the subscription

• false (default): If the pre-authorization receives an AVS decline, do not create the subscription

If the value of this field is true, the list in the businessRules_declineAVSFlags field is ignored. | Optional | String | 5 |

Updated Subscriptions

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	recurringSubscriptionInfo_subscriptionID*	Subscription ID that is returned to you when a subscription is created. Include this field in your request when you update a subscription or an individual payment, or when you retrieve subscription information. Also see **Processing a Payment or Credit with a Subscription** for information about using a subscription ID when initiating a one-time payment or credit.	Required	String	26
C	purchaseTotals_currency*	Currency used for the order. All orders must use U.S. dollars. Use USD for this field.	Required	String	5
D	recurringSubscriptionInfo_amount*	Amount of the subscription payments, for example, 19.95. For on-demand subscriptions, this value can be 0. Create: Required for installment and recurring subscription; optional for on-demand subscriptions	Required	String	15
E	purchaseTotals_grandTotalAmount	Grand total for the order. You must provide either this field or **item_#_unitPrice** in your request. If Vital is your processor, you may set this field to 0 to check if the card is lost or stolen.	Optional	String	15
F	billTo_firstName	Customer's first name.The value should be the same as the one that appears on the card.	Optional	String	60
G	billTo_lastName	Customer's last name. The value should be the same as the one that appears on the card.	Optional	String	60
H	billTo_customerID	Your identifier for the customer.	Optional	String	50

I	billTo_email*	Customer's email address, including the full domain name. For example: jdoe@example.com	Required	String	255
J	billTo_street1	First line of the billing street address.	Optional	String	60
K	billTo_street2	Second line of the billing street address. Used for additional address information. For example: Attention: Accounts Payable	Optional	String	60
L	billTo_city	City of the billing address.	Optional	String	50
M	billTo_state	State or province of the billing address. Use the two-character codes.	Optional	String	2
N	billTo_country	Country of the billing address. Use the two-character ISO codes.	Optional	String	2
O	billTo_postalCode	Postal code for the billing address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of billTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format:	Optional	String	10
P	card_accountNumber	Customer's credit card number.	Optional	String (Numbers	20
Q	billTo_phoneNumber	Customer's phone number.	Optional	String	15
R	billTo_company	Customer's Company Name	Optional	String	60

S	card_expirationMonth	Two-digit month in which the credit card expires. Format: MM. Possible values: 01 through 12. The leading 0 is required.	Optional	String	2
T	card_expirationYear	Four-digit year in which the credit card expires. Format: YYYY.	Optional	String	4
U	card_cardType	Type of card to authorize. This field is required if the card type is JCB (007), and optional for all other card types. • 001: Visa • 002: MasterCard • 003: American Express • 004: Discover • 005: Diners Club	Optional	String	3
V	subscription_title	Name or title of the subscription.	Optional	String	60
W	recurringSubscriptionInfo_approvalRequired	Whether the subscription uses approval-required payments. For more information, see Automatic or Approval-Required Payments. Possible values: • true: Payments must be approved before processing • false (default): Payments do not need to be approved before processing	Optional	String	5

X	recurringSubscriptionInfo_automaticRenew	Whether to automatically renew the payment schedule for the subscription. Possible values: • true: (default) Subscription schedule renewed automatically • false: Subscription schedule not renewed automatically **WARNING** The default is automatic renewal. When creating an installment subscription, make sure to set this to false, or else CyberSource will incorrectly continue billing the customer after the last installment payment.	Optional	String	5
Y	recurringSubscriptionInfo_numberOfPaymentsToAdd	Number of payments to add to an existing installment subscription.	Optional	Integer	3
Z	comments	Optional comments you have about the authorization. These comments will not be shown to the customer.	Optional	String	255
AA	merchantDefinedData_field1	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile	Optional	String	64
AB	merchantDefinedData_field2	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile	Optional	String	64

AC	merchantDefinedData_field3	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile	Optional	String	64
AD	merchantDefinedData_field4	Four fields that you can use to store information. **NOTE:** If you are creating a profile based on an authorization, the merchant-defined data fields do not get transferred to the new profile	Optional	String	64
AE	merchantSecureData_field1	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	100 Bytes
AF	merchantSecureData_field2	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	100 Bytes
AG	merchantSecureData_field3	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	100 Bytes
AH	merchantSecureData_field4	Storage fields for any type of data. No validation is performed on this field except size check. The data is encrypted before it is stored.	Optional	NA	2K Bytes
AI	shipTo_firstName	First name of the person receiving the shipment.	Optional	String	60
AJ	shipTo_lastName	Last name of the person receiving the shipment.	Optional	String	60
AK	shipTo_company	Name of Company receiving the shipment	Optional	String	60
AL	shipTo_street1	First line of the address to which to ship the product.	Optional	String	60
AM	shipTo_street2	Second line of the address to which to ship the product.	Optional	String	60
AN	shipTo_city		Optional	String	50

AO	shipTo_state	State or province to which to ship the product. Use the two-character codes.	Optional	String	2
AP	shipTo_country	Country to which to ship the product. Use the two-character ISO codes.	Optional	String	2
AQ	shipTo_postalCode	Postal code for the shipping address. The postal code must consist of 5 to 9 digits. For a 9-digit postal code, use the following format: [5 digits][dash][4 digits] If the value of shipTo_country is CA, the postal code must follow these rules: • If the number of characters is greater than 3, the first 3 characters must be in the following format: [alpha][numeric][alpha]. • If the number of characters is 7, the last 3 characters must be in the following format:	Optional	String	10

Canceled Subscriptions

Column	Field	Description	Required / Optional	Data Type	Length
A	merchantReferenceCode*	Merchant-generated order reference or tracking number.	Required	String	50
B	recurringSubscriptionInfo_subscriptionID*	Subscription ID that is returned to you when a subscription is created. Include this field in your request when you update a subscription or an individual payment, or when you retrieve subscription information. Also see **Processing a Payment or Credit with a Subscription** for information about using a subscription ID when initiating a one-time payment or credit.	Required	String	26
C	recurringSubscriptionInfo_status*	Status of the subscription. Set this field to cancel to cancel the future scheduled payments for an installment or recurring subscription.	Required	String	15