



AN 5524 Cardholder-Initiated Transaction and Merchant-Initiated Transaction Indicators

Type:

Switching release announcement

Audience:

Acquirer
Issuer
Processor

Region:

Global

Brand:

Mastercard®
Debit Mastercard®
Maestro®

Product or Service:

Digital Secure Remote Payment
Mastercard Digital Enablement Service

Release:

22.Q2
22.Q4

Action Indicator:

Network mandate: acquirer, issuer
Testing recommended: acquirer, issuer

System:

Authorization
Clearing
Single Message System

Published:

15 February 2022

Effective:

22 April 2022
7 June 2022
14 October 2022

Executive Overview

Mastercard is introducing a new indicator to specify the type of cardholder-initiated transaction (CIT) or merchant-initiated transaction (MIT) within Dual Message System transaction requests (Authorization), Single Message System transaction requests, and applicable Clearing messages. In addition, Mastercard is extending globally the Mastercard European Economic Area (EEA) requirement for acquirers to populate the recurring payment indicator when submitting a card-not present CIT that starts a series of recurring payments, as well as on each subsequent recurring payment.

Effective date details

Date	Details
22 April 2022	Dual Message System (Clearing) updates to IPM MPE tables.
7 June 2022	Dual Message System (Authorization and Clearing) and Single Message System issuers globally are required to receive the CIT and MIT indicators as outlined in this release announcement. Dual Message System (Authorization) and Single Message System acquirers in the United States are required to send the CIT and MIT indicators as outlined in this release announcement.
14 October 2022	Dual Message System (Authorization and Clearing) and Single Message System acquirers globally are required to provide the Recurring Payment Indicator (a value of 4 [Standing order/recurring transactions] in DE 61 [POS Data], subfield 4 [POS Cardholder Presence]) in both a card-not-present CIT that starts a series of recurring payments, as well as on each subsequent recurring payment. Dual Message System (Authorization) and Single Message System acquirers outside of the United States are required to send the CIT and MIT indicators as outlined in this release announcement.

Customer benefit

The new CIT and MIT indicators convey to the issuer that the merchant and the cardholder have an established relationship and an agreement to use stored payment credentials as part of the transaction process.

The CIT and MIT indicators will help provide transparency into the transaction type, making it easier for issuers to identify legitimate transactions, and make better informed authorization decisions. Issuers may also use the new CIT and MIT indicators to further enhance their risk management, fraud detection, and dispute management systems.

Merchants, acquirers, and payment service providers that populate the CIT and MIT indicators should see higher approval rates and reduced customer servicing costs associated with transaction declines.

Mastercard is requiring that all acquirers globally populate the recurring payment indicator when submitting a card-not-present CIT transaction that starts a series of recurring payments in addition to inclusion on each subsequent recurring payment transaction.

What Mastercard is doing

Mastercard is defining the transactions that will require the use of the new cardholder-initiated transaction (CIT) or merchant-initiated transaction (MIT) indicators and is introducing a mandate for acquirers to provide the indicator in the authorization or financial transaction request of each tokenized or PAN-based e-commerce transaction and credential-on-file transaction. Acquirers can optionally provide the new CIT or MIT indicator in clearing messages.

Mastercard is extending globally the Mastercard European Economic Area (EEA) requirement for acquirers to populate the recurring payment indicator (a value of 4 [Standing order/recurring transactions] in Data Element [DE] 61 [POS Data], subfield 4 [POS Cardholder Presence]) when submitting a card-not-present CIT that starts a series of recurring payments, as well as on each subsequent recurring payment.

Mastercard is defining the CIT and MIT types of e-commerce transactions and stored credential transactions.

CIT and MIT types of e-commerce transactions

Type	Description
Cardholder-initiated transaction (CIT)	Any transaction where the cardholder is actively participating in the transaction. Transactions may be performed based on credentials provided by the cardholder at the time of transaction or a stored credential-on-file from a previous interaction. Transactions can occur as an in-store POS transaction, an e-commerce transaction, a mail order/telephone order transaction, or at an ATM.
Merchant-initiated transaction (MIT)	A transaction where the cardholder is not actively participating in the transaction. MITs may often be preceded by either a CIT or an Account Status Inquiry (ASI).
Recurring Payment or Installment MIT	A transaction arising from an agreement between the cardholder and the merchant whereby the cardholder agrees for the merchant to store the cardholder's credential and to use that stored credential-on-file for a subsequent purchase of goods or services. These transactions may be classified as <ul style="list-style-type: none"> • standing order • subscription • installment, or • unscheduled credential-on-file.
Industry Practice MIT	A transaction initiated by the merchant to fulfill a business practice that most often occurs subsequent to an initial interaction with the cardholder. Industry practice transactions may be performed with credentials that are stored on file, or credentials that are not stored on file, but are rather temporarily retained by the merchant as agreed to by the consumer. These industry practice MITs may be classified as <ul style="list-style-type: none"> • partial shipments • related or delayed charge • no show, or • resubmission.

NOTE: E-commerce purchases of goods or services made at a consumer's request (such as ordering a ride) are not MITs. They are considered CITs because the cardholder is actively participating in the transaction.

NOTE: A merchant can store a payment credential-on-file to process future purchases for a cardholder. A merchant may also temporarily retain payment credentials to complete a single purchase, which may include multiple authorization requests. The payment credentials temporarily retained to complete a single purchase are not considered as a stored credential-on-file (for example, when the merchant temporarily retains the credentials to process a partial or delayed shipment due to inventory constraints).

NOTE: Incremental authorizations do not require a CIT or MIT indicator. They must continue to have the Trace ID from the original authorization in DE 48 (Additional Data), subelement 63 (Trace ID).

CIT and MIT indicator values and examples

Indicator Category	Indicator Subcategory	What's included in the definition	Examples
C1 Cardholder-Initiated	01 Credential-on-file (ad-hoc)	Consumer agrees to store the credential on file with the merchant for future cardholder-initiated and/or merchant-initiated transactions that may occur from time to time, or consumer chooses to use a credential previously placed on file with the merchant when making a purchase.	The consumer initiates a purchase and merchant prompts consumer to store the credential-on-file for future cardholder-initiated purchases.
	02 Standing Order (variable amount and fixed frequency)	Consumer agrees to store the credential-on-file and initiates a first transaction in a series intended to be for a variable amount and a fixed frequency.	The initial transaction to store the credential-on-file for a monthly utility payment.
	03 Subscription (fixed amount and frequency)	Consumer agrees to store the credential-on-file and initiates a first transaction in a series intended to be for a fixed amount and a fixed frequency.	The initial transaction to store the credential-on-file for a monthly newspaper subscription.
	04 Installment	Consumer agrees to store the credential-on-file to establish an installment plan and initiates a first transaction in a series. The installment plan should reflect the single purchase of goods/services with a known amount and set frequency over a specified duration.	The initial transaction to store the credential-on-file for a purchase to be paid through installment payments.
M1 Merchant-Initiated Recurring Payment or Installment	01 Unscheduled Credential on File	A transaction made pursuant to an agreement between a cardholder and a merchant, whereby the cardholder authorizes the merchant to store and use	The consumer agrees to allow a tollway merchant to initiate transactions when the balance in the consumer account with the merchant falls below

Indicator Category	Indicator Subcategory	What's included in the definition	Examples
		<p>the cardholder's account data to initiate one or more future transactions. The transaction can be for a fixed or variable amount but does not occur at regular intervals on a scheduled date.</p>	<p>an established amount (auto top-up).</p>
	<p>02 Standing Order (variable amount and fixed frequency)</p>	<p>A transaction made pursuant to an agreement between a cardholder and a merchant, whereby the cardholder authorizes the merchant to store and use the cardholder's account data for a transaction that must occur at regularly scheduled intervals for a variable amount, as specified in the agreement.</p>	<p>Monthly utility payments.</p>
	<p>03 Subscription (fixed amount and frequency)</p>	<p>A transaction made pursuant to an agreement between a cardholder and a merchant, whereby the cardholder authorizes the merchant to store and use the cardholder's account data for a transaction that must occur at regularly scheduled intervals for a fixed amount, as specified in the agreement. The subscription agreement may include an allowance for introductory pricing or for price changes to occur from time to time.</p>	<p>Monthly subscription or fixed monthly service payment.</p>
	<p>04 Installment</p>	<p>A transaction in a series of transactions made pursuant to an agreement between a cardholder and a merchant, whereby the cardholder authorizes the merchant to store the cardholder's account data</p>	<p>Purchase a television for \$1,000 USD, pay in four equal installments of \$250 USD (first transaction is CIT, remaining three transactions are MIT).</p>

Indicator Category	Indicator Subcategory	What's included in the definition	Examples
		for use by the merchant to initiate one or more future transactions for a known amount over a specified duration based on a single purchase.	
M2 Merchant-Initiated Industry Practice	05 Partial Shipment	Occurs when an agreed quantity of goods ordered through e-commerce are not all available for shipment at the time of purchase. Each shipment is a separate transaction.	Consumer ordered goods that ship at different times.
	06 Related/Delayed Charge	An additional account charge after initial services have been rendered and payment has been processed.	Hotel mini bar charge after the cardholder has checked out of hotel.
	07 No Show Charge	A penalty charged according to the merchant's cancellation policy.	Cardholder's cancellation of a reservation without providing proper advance notice to the merchant.
	08 Resubmission	Previous attempt to obtain authorization for a transaction has been declined but the issuer's response does not prohibit the merchant from trying again later.	<ul style="list-style-type: none"> • Insufficient funds/over credit limit response • Transit debt recovery

Add-on Sales

Add-ons are allowed for both Subscriptions and Standing Orders. However, when an add-on occurs for a Subscription, the merchant has three options.

Option	Description
Option 1	Combine the subscription and add-on amounts into a single transaction, which must be identified as a Standing Order (MIT indicator = M102). Subscription cannot be used because the transaction includes two separate purchases, the subscription and the add-on.
Option 2	Continue to submit the subscription amount as a Subscription (MIT indicator = M103) and submit a separate MIT for the add-on amount as an Unscheduled Credential On File (MIT indicator = M101).
Option 3	Continue to submit the subscription amount as a Subscription (MIT indicator = M103) and submit a separate CIT with a DSRP cryptogram for the add-on purchase amount.

An example of an add-on is an internet streaming subscription for USD 10.00/month that has an add-on for USD 3.99 during a given month (such as an on-demand movie rental). The acquirer could submit a

- Standing Order MIT for USD 13.99 (MIT Indicator = M102) for the given month
- Subscription MIT for USD 10 (MIT indicator = M103) and an unscheduled credential on file MIT (MIT indicator = M101) for the cost of the add-on purchase (USD 3.99), or
- Subscription MIT for USD 10 (MIT indicator = M103) and a separate CIT with a DSRP cryptogram (CIT indicator = C101) for the cost of the add-on (USD 3.99).

Recurring Payment Indicator

Mastercard is requiring acquirers to provide the Recurring Payment Indicator in the first payment of a series.

Today, Mastercard acquirers in the European Economic Area (EEA) are required to populate the recurring payment indicator (a value of 4 [Standing order/recurring transactions] in DE 61 [POS Data], subfield 4 [POS Cardholder Presence]) when submitting a card-not-present CIT that starts a series of recurring payments, as well as on each subsequent recurring payment.

Currently, Mastercard acquirers outside of the EEA are only required to populate the recurring payment indicator when submitting a CIT that updates the terms of a recurring payment agreement involving a credential that was already on-file, as well as on each subsequent recurring payment (including those involving a newly tokenized stored credential).

Effective 14 October 2022, Mastercard is now extending the EEA requirement for acquirers globally to populate the recurring payment indicator (a value of 4 [Standing order/recurring transactions] in DE 61 [POS Data], subfield 4 [POS Cardholder Presence]) when submitting a card-not-present CIT that starts a series of recurring payments, as well as on each subsequent recurring payment. The revised standards will bring consistency across all regions and will further clarify that the recurring payment indicator must continue to be populated when an existing stored credential used in a recurring payment agreement is replaced by a token at the merchant's request.

NOTE: For C102 (CIT Standing Order), C103 (CIT Subscription), and C104 (CIT Installment) transactions, acquirers will need to populate the cardholder-initiated POS Cardholder Presence (DE 61, subfield 4) with a value of 4 signifying the transaction is the first of a series of payments.

Background

Stored credentials can help provide a seamless way for cardholders to transact online, in-app, or in-person with their favorite merchants. A stored credential-on-file can be used in either a cardholder-initiated or merchant-initiated transaction.

The new CIT and MIT indicators help increase the transparency and security of the transaction by providing additional information that can be used to monitor the proper use of payment credentials, supporting better informed authorization decisions, and higher approval rates.

Version history

Each customer must determine the impact on its operations.

Date	Description of change
15 February 2022	<p>Added a note to the CIT and MIT types of e-commerce transactions section to alert customers that incremental authorizations do not require a CIT or MIT indicator.</p> <p>Updated the definition for C1 Cardholder-initiated, 01 Credential-on-file (ad-hoc), in the CIT and MIT indicator values and examples table.</p> <p>Updated the Network mandate: issuer content in the Customer impact section.</p> <p>Clarified messages for PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator) to include second present messages throughout.</p> <p>Added Second Presentment/1240 messages for PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator) and corresponding edits.</p>
14 December 2021	<p>Added Release 22.Q4 and 14 October 2022 to the effective dates.</p> <p>Updated the Effective dates table for clarity.</p> <p>Added a section on Add-on sales for subscriptions and standing orders for MITs.</p> <p>Corrected usage values for DE 48, subelement 22 (Multi-Purpose Merchant Indicator), subfield 05 (Cardholder/Merchant Initiated Transaction Indicator).</p>
16 November 2021	<p>Added a note to the Effective dates table indicating that updates to IPM MPE tables will be present with the implementation of Release 22.Q2 on 22 April 2022.</p> <p>Removed <i>AN 5746 Revised Standards for MIT Disputes</i> from the Related documentation section.</p>
26 October 2021	Initial publication date

Customer impact

This section provides high level information about customer impact. Refer to the Enhancements section for more details.

Network mandate: issuer

Effective 7 June 2022, **issuers globally** must be prepared to

- support the new CIT and MIT indicators in DE 48 (Additional Data; Private Use), subelement 22 (Multi-Purpose Merchant Indicator), subfield 5 (Cardholder/ Merchant Initiated Transaction Indicator) in authorization request, response, and advice messages
- support the new CIT and MIT indicators in PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator) in clearing and chargeback messages, and
- accept any value in the subfield as Mastercard might, in the future, introduce additional values to further identify additional types of transactions.

Network mandate: acquirer

Effective 7 June 2022, **acquirers in the United States** must provide the new CIT and MIT indicators in DE 48 (Additional Data; Private Use), subelement 22 (Multi-Purpose Merchant Indicator), subfield 5 (Cardholder/ Merchant Initiated Transaction Indicator) in authorization request, response, advice messages, and PDS 0218 in clearing first and second presentment messages, for each tokenized or PAN-based e-commerce transaction and credential-on-file transaction in addition to populating all other required data. The CIT indicator may be optionally provided in consumer initiated face-to-face transactions at a physical point-of-sale terminal.

Effective 7 June 2022, **acquirers outside the United States** may provide the new CIT and MIT indicators in DE 48 (Additional Data; Private Use), subelement 22 (Multi-Purpose Merchant Indicator), subfield 5 (Cardholder/ Merchant Initiated Transaction Indicator) in authorization request, response, advice messages, and PDS 0218 in clearing first and second presentment messages, for each tokenized or PAN-based e-commerce transaction and credential-on-file transaction in addition to populating all other required data.

Effective 14 October 2022, **acquirers outside of the United States** must provide the new CIT and MIT indicators in DE 48 (Additional Data; Private Use), subelement 22 (Multi-Purpose Merchant Indicator), subfield 5 (Cardholder/Merchant Initiated Transaction Indicator) in authorization request, response, advice messages and PDS 0218 in clearing first and second presentment messages, for each tokenized or PAN-based e-commerce transaction and credential-on-file transaction in addition to populating all other required data. The CIT indicator may be optionally provided in consumer initiated face-to-face transactions at a physical point-of-sale terminal.

NOTE:

The CIT indicator must be only provided in cardholder-initiated transactions conducted in the e-commerce environment that result in the payment credential getting stored on-file with the merchant or that use a payment credential already stored on file with the merchant.

The CIT indicator may be optionally provided in cardholder-initiated face-to-face transaction at a physical point-of-sale terminal.

The CIT and MIT indicators may be optionally provided in clearing and chargeback messages.

Effective 14 October 2022, acquirers globally are required to provide the Recurring Payment Indicator (a value of 4 [Standing order/recurring transactions] in DE 61 (POS Data), subfield 4 (POS Cardholder Presence) in both a card-not-present CIT that starts a series of recurring payments, as well as on each subsequent recurring payment.

NOTE: Mastercard will evaluate non-compliance post-implementation; and will enforce the mandate through a detailed data integrity monitoring program to be announced at a future date.

Testing recommended: acquirer, issuer

Mastercard recommends testing for acquirers and issuers to support this release announcement.

Transaction message flow impact

The manner in which a customer is connected to Mastercard determines the group of message flows that apply and the transaction message types they send or receive within that group. Customers can interface to the Mastercard Dual Message System, Single Message System, or both, as applicable. This announcement affects the message flows marked in the Transaction message flow impact table.

Transaction message flow impact

Acquirer to Mastercard	Mastercard to issuer	Impacted
Dual Message System	Dual Message System	√
Dual Message System	Single Message System	√
Single Message System	Single Message System	√
Single Message System	Dual Message System	√

Examples of message types within the Dual Message System and Single Message System are

- Authorization Request/0100 and First Presentment/1240 messages and
- Financial Transaction Request/0200 and Financial Transaction Advice/0220 messages.

Enhancements

Mastercard will introduce changes to support this announcement.

Dual Message System (Authorization) and Single Message System

Mastercard is introducing a new subfield 05 (Cardholder/Merchant Initiated Transaction Indicator) in DE 48, subelement 22 (Multi-Purpose Merchant Indicator) to ensure issuer and Mastercard visibility of the reasons for the CIT and MIT indicators.

Dual Message System (Clearing)

Mastercard is introducing a new Private Data Subelement (PDS) 0218 (Cardholder/Merchant Initiated Transaction Indicator) with two subfields to ensure issuer and Mastercard visibility of the reasons for the CIT and MIT indicators.

Mastercard will update Integrated Product Messages (IPM) Mastercard Parameter Extract (MPE) Table IP0008T1: PDS Attributes and IP0009T1: PDS Subfield Attributes with the new PDS 0218 introduced in the release announcement.

Mastercard is introducing IPM MPE Table IP2230T1: CIT/MIT Category Indicator with the list of valid values for PDS 0218, subfield 1.

Related documentation

Information relevant to this release announcement can be found in the documents listed and available on Mastercard Connect™.

Announcements

For more information, refer to *AN 4981 Cardholder-Initiated Transaction and Merchant-Initiated Transaction message values for MDES Remote Commerce transactions*.

Reference manuals

For information about the current state of Mastercard processing refer to the

- *Customer Interface Specification*
- *IPM Clearing Formats*
- *MDES Technical Specifications for Dual and Single Message Systems*
- *Single Message System Specifications* and
- *Single Message Transaction Manager*.

NOTE: Mastercard will update the references manuals with necessary changes after release implementation. Depending on timing, information provided in this release announcement may not be reflected in a manual until it is updated.

Platform impact

The following table lists the impact of this announcement. For items that are marked √ (Yes), details are provided below.

Platform impact

Topic	Dual Message System (Authorization)	Dual Message System (Clearing)	Single Message System
Message flows			
Message layouts			
Data element definitions	√	√	√
IPM MPE		√	
Interchange			
CAB programs, descriptions, and associated MCCs			
Edits	√	√	√
Error numbers		√	
Alternate processing			
Interchange compliance			
Pricing and fees			

Topic	Dual Message System (Authorization)	Dual Message System (Clearing)	Single Message System
Reports			
Bulk files			
Forms			
Quarterly Mastercard reporting			
Transaction investigator	√	√	
SAFE			
Single message transaction manager			√
250-byte batch data file			
80-byte financial institution table file			

Authorization

Mastercard will introduce changes to the Authorization Platform to support this announcement.

CIS data element definitions

Mastercard will update the following data elements to support this announcement.

DE 48 (Additional Data: Private Use)

DE 48 (Additional Data: Private Use) is reserved for private organizations to define data unique to specific networks or specific programs and services. DE 48 provides other supplemental data in a message when a specific ISO-designated data element is not available. It is a free-format, variable-length data element that may be used for multiple purposes.

Subelement 22: Multi-Purpose Merchant Indicator

DE 48, subelement 22 (Multi-Purpose Merchant Indicator) may be used for multiple purposes needed to identify the transaction and may contain data that is unique to programs, services, or other specifics about the transaction.

Attribute	Description
Subelement ID	22
Subelement length	02
Data representation	ans...29; LLVAR
Data field	Contents of subfields 1–5
Number of subfields	5
Justification	See subfields

Subfield 05: Cardholder/Merchant Initiated Transaction Indicator

DE 48, subelement 22 (Multi-Purpose Merchant Indicator), subfield 05 (Cardholder/Merchant Initiated Transaction Indicator) allows acquirers to identify whether the transaction was initiated by the cardholder or the merchant as well as providing more detail as to the type of stored credential being used for the transaction.

Attributes

Attribute	Description
Subfield ID	05
Subfield length	2
Data representation	an-4
Data field	Contents of subfield 05
Justification	N/A

Usage

Following is the usage of subelement 22, subfield 05 (whether it is mandatory, conditional, optional, or system provided) in applicable messages.

Message	Org	Sys	Dst
Authorization Request/0100	O	.	C
Authorization Request Response/0110	CE	X	CE
Authorization Advice/0120–Acquirer-generated	O	.	C
Authorization Advice/0120–System-generated	CE	.	C
Authorization Advice Response/0130	CE	X	CE
Reversal Request/0400	O	.	C
Reversal Response/0410	CE	X	CE
Reversal Advice/0420	CE	.	CE

NOTE: Effective 14 October 2022, the Org column will be updated to C or CE for each message type.

Values

Mastercard will ensure the DE 48, subelement 22, subfield 05 values include the ones listed in the CIT and MIT indicator values and examples table as provided in this announcement.

Edits

Mastercard will add new edits, modify existing edits, or remove existing edits to support this announcement.

New Edit: DE 48, subelement 22 (Multi-Purpose Merchant Indicator), subfield 05 (Cardholder/Merchant Initiated Transaction Indicator)

When...	Then the Authorization Platform...
an Authorization Request/0100, Authorization Advice/0120, Reversal Request/0400 message containing DE 48, subelement 22, subfield 5 is of incorrect length and data representation	will reject the message and forward to the acquirer an Authorization Request Response/0110, Authorization Advice Response/0130, or Reversal Request Response/0410 message with <ul style="list-style-type: none">DE 39 (Response Code) contains value 30 (Format error) andDE 44 (Additional Response Data) contains value 04822.
DE 48, subelement 22 (Multi-Purpose Merchant Indicator), subfield 05 (Cardholder/Merchant Initiated Transaction Indicator) is submitted with an invalid value	will drop the values in DE 48, subelement 22, subfield 05. The message sent to the issuer will not include DE 48, subelement 22, subfield 05.

Transaction Investigator

The Transaction Investigator will support and reflect the DE 48, subelement 22, new subfield 05 (Cardholder/Merchant Initiated Transaction Indicator) as applicable.

Clearing

Mastercard will introduce changes to the Clearing Platform to support this announcement.

IPM Data Elements and Private Data Subelement Definitions

Mastercard will update the following data elements or private data subelement definitions to support this announcement.

PDS 0218: Cardholder/Merchant Initiated Transaction Indicator

PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator) contains details that allow acquirers to identify whether the transaction was initiated by the cardholder or the merchant as well as providing more detail as to the type of stored credential being used for the transaction.

Attributes

an-4; TAGLLL	
Tag Field:	0218
Length Field:	3 positions, value = 004
Data Field:	Fixed length, 4 positions
Subfields:	2

Justification: N/A

The following table shows the usage of this PDS (whether it is mandatory, conditional, optional, system provided, or not required) in applicable messages.

Usage

Message Type Identifier	Org	Sys	Dst
First Presentment/1240	O	.	C
First Chargeback/1442 and Arbitration Chargeback/1442	O	.	C
Second Presentment/1240	O	.	C

Subfield 1: CIT/MIT Category

PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator), subfield 1 (CIT/MIT Category) contains the CIT and MIT categories.

Attributes

Data representation	an-2
Data field	n-2
Justification	Right

Values

Values	Description
C1, M1, M2	CIT and MIT categories

Subfield 2: CIT/MIT Sub-category Code

PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator), subfield 2 (CIT/MIT Sub-category) contains the CIT and MIT sub-categories.

Attributes

Data representation	n-2
Data field	n-2
Justification	Right

Values

Values	Description
00 to 99	CIT and MIT sub-categories

Edits

Mastercard will add new edits, modify existing edits, or remove existing edits to support this announcement.

New Edits: PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator)

Error Number	Requirement
2994	The Clearing Platform will ensure that PDS 0218, subfield 1, has a value of C1, M1 or M2.

This edit is performed in Clearing Optimizer and at the Central Site for the these messages

- First Presentment/1240
- First Chargeback/1442
- Arbitration Chargeback/1442, and
- Second Presentment/1240.

Error Number	Requirement
2995	The Clearing Platform will ensure that PDS 0218 has a length of four characters.

This edit is performed in Clearing Optimizer and at the Central Site for the these messages

- First Presentment/1240
- First Chargeback/1442, and
- Arbitration Chargeback/1442, and
- Second Presentment/1240.

Error Number	Requirement
3005	The Clearing Platform will ensure that PDS 0218, subfield 2, contains a numeric value.

This edit is performed in Clearing Optimizer and at the Central Site for the these messages

- First Presentment/1240
- First Chargeback/1442, and
- Arbitration Chargeback/1442, and
- Second Presentment/1240.

Error numbers

The error numbers and messages listed represent edits that are new, modified, or deleted to support this release announcement.

Error Numbers in New Edits

Field/Subfield	Error Number	Error Message	Error Performed By...
PDS 0218 subfield 1	2994	PDS0218 SUB 1 MUST HAVE A VALUE OF C1, M1 OR M2	Both
PDS 0218	2995	PDS0218 MUST HAVE A LENGTH OF 4	Both
PDS 0218 subfield 2	3005	PDS0218 SUB 2 MUST BE NUMERIC	Both

IPM MPE

Mastercard will update IPM MPE tables to support this announcement.

Mastercard will update Integrated Product Messages (IPM) Mastercard Parameter Extract (MPE) Tables IP0008T1: PDS Attributes and IP0009T1: PDS Subfield Attributes with the new PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator) as introduced in this release announcement.

Mastercard is introducing IPM MPE Table IP2230T1: CIT/MIT Category Indicator with the list of valid values for PDS 0218, subfield 1.

Transaction Investigator

The Transaction Investigator will support and reflect the new PDS 0218 (Cardholder/Merchant Initiated Transaction Indicator) as applicable.

Single Message System

Mastercard will introduce changes to the Single Message System to support this announcement.

Single Message System Data Element Definitions

Mastercard will update the following data elements to support this announcement.

DE 48 (Additional Data)

DE 48 (Additional Data) is reserved for use based on product type.

Subelement 22 (Multi-Purpose Merchant Indicator)

DE 48, subelement 22 (Multi-Purpose Merchant Indicator) may be used for multiple purposes needed to identify the transaction and may contain data that is unique to programs, services, or other specifics about the transaction.

Attributes

Attribute	Description
Subelement ID	22

Attribute	Description
Subelement length	02
Data representation	ans...29; LLVAR
Data field	Contents of subfields 1–5
Number of subfields	5
Justification	See subfields

Subfield 05: Cardholder/Merchant Initiated Transaction Indicator

DE 48, subelement 22 (Multi-Purpose Merchant Indicator), subfield 05 (Cardholder/Merchant Initiated Transaction Indicator) allows acquirers to identify whether the transaction was initiated by the cardholder or the merchant as well as providing more detail as to the type of stored credential being used for the transaction. The CIT and MIT indicators will be available on the Transaction History Lookup screen.

Attributes

Attribute	Description
Subfield ID	05
Subfield length	2
Data representation	an-4
Data field	Contents of subfield 05
Justification	N/A

Usage

Following is the usage of subelement 22, subfield 05 (whether it is mandatory, conditional, optional, or system provided) in applicable messages.

Message	Org	Sys	Dst
Financial Transaction Request/0200	O	X	C
Financial Transaction Request Response/0210	C	X	C
Financial Transaction Advice/0220	O	X	C
Financial Transaction Advice/0220 – Debit Mastercard Stand-In	C	X	C
Acquirer Reversal Advice/0420	O	X	C
Issuer Reversal Advice/0422	C	X	C

NOTE: Effective 14 October 2022, the Org column will be updated to C or CE for each message type.

Values

Mastercard will ensure the DE 48, subelement 22, subfield 05 values include the ones listed in the CIT and MIT indicator values and examples table as provided in this announcement.

Edits

Mastercard will add new edits, modify existing edits, or remove existing edits to support this announcement.

New Edits: DE 48, subelement 22 (Multi-Purpose Merchant Indicator), subfield 05 (Cardholder/Merchant Initiated Transaction Indicator)

When...	Then the Authorization Platform...
a Financial Transaction Request/0200, Financial Transaction Advice/0220, Acquirer Reversal Advice/0420 message containing DE 48, subelement 22, subfield 5 is of incorrect length and data representation	will reject the message and forward to the acquirer a Financial Transaction Request Response/0210, Financial Transaction Advice Response/0230, or Acquirer Reversal Advice Response/0430 message with <ul style="list-style-type: none">• DE 39 (Response Code) contains value 30 (Format error) and• DE 44 (Additional Response Data) contains value 04822.
a Financial Transaction Request/0200 message containing DE 48, subelement 22, subfield 5 with incorrect value	drops DE 48, subelement 22, subfield 5 from the Financial Transaction Request/0200 message to the Single Message System issuer.

Single Message Transaction Manager

The Single Message Transaction Manager will support and reflect the DE 48, subelement 22, new subfield 05 (Cardholder/Merchant Initiated Transaction Indicator) as applicable.