



## Installation and Configuration Manual

# Mastercard (July 2020). Configuring WAY4™ According to Payment System Requirements

03.49.30

27/05/2020

# Contents

<b>1. Mastercard Settings</b>	<b>4</b>
1.1 AN 2626 - Setting Currency Conversion Rates at the Time of Authorization	4
1.2 AN 2929 - Introduction of Cardholder Currency Indicator for Point-of-Interaction Currency Conversion	5
1.3 AN 2941 - Digital Remote Commerce Enhancements	6
1.4 AN 3831 - Mastercard Parameter Simplification for Commercial Refund Transactions in the Europe Region	6

This document describes how WAY4™ must be configured to comply with Mastercard requirements for changes in operation that become effective from July 2020.

# 1. Mastercard Settings

To comply with Mastercard requirements, WAY4 version 03.49.30.52 or the later version 03.49.30.XX, if version 03.49.30 is used, must be installed at the bank or processing centre. If the bank or processing centre uses WAY4 version 03.50.30, version 03.50.30.02 or later must be installed.

These payment system requirements are supported by the Transaction Switch platform 1.1.385-6489 or later and the E-Commerce Gateway module version 3.0.11 or later.

To support payment system release requirements, the following settings must be made:

The following rows must be added to the "IPS Release Changes" form (Full → Configuration Setup → Main Tables → IPS Release Changes):

IPS Release Changes						<< < > >>		1 of 2		X
	Payment System	Target	Release Number	Article Number	Member ID	Date From	Is Ready			
➔	Mastercard	Clearing	20Q2			17/07/20	Ready			
	Mastercard	Online	20Q2			17/07/20	Ready			
Ins Del Query Check										

The value in the *Date From* field must be specified according to the payment system's requirements.

For more information about the "IPS Release Changes" form, see the section "Support of payment system release requirements" of the document "Interchange Routing".

The payment system will notify banks of the date and time when the new requirements become effective.

## 1.1 AN 2626 - Setting Currency Conversion Rates at the Time of Authorization

To support the requirements of the document "AN 2626—Setting Currency Conversion Rates at the Time of Authorization", acquirer sponsoring banks must set "true" as the value of the SEND\_CONVERSION\_DATE parameter in Transaction Switch configuration files for host-to-host connections with acquirers. This is required to transmit the new data element "DE 16" to an affiliate bank. Before enabling this parameter, ensure that the affiliate bank is ready to accept messages in the new format.

To comply with the requirements of this document, acquirers that calculate an interchange fee for each transaction (Fee Prediction) must add the following row to the "IPS Release Changes" form (Full → Configuration Setup → Main Tables → IPS Release Changes):

IPS Release Changes						<div>&lt;&lt; &lt; &gt; &gt;&gt;</div>		1 of 1		<div>✕</div>
	Payment System	Target	Release Number	Article Number	Member ID	Date From	Is Ready			
➔	Mastercard	Clearing	20Q2	AN2626		11/08/20	Ready			
<div><div>Ins</div><div>Del</div><div>Query</div><div>Check</div></div>										

The value in the *Date From* field must be specified according to the payment system's requirements.

For more information about the "IPS Release Changes" form, see the section "Support of payment system release requirements" of the document "Interchange Routing".

The payment system will notify banks of the date and time when the new requirements become effective.

To comply with the requirements of this document, the settings of all custom fees that are used for calculating an interchange fee (Fee Prediction) should be changed in routing contract Service Packages.

In the *Service Details* field of the "Full Info..." form for a custom fee for Fee Prediction, add the following tags: CONV\_CHANNEL;FX\_DATE\_TAG=MC\_RATE\_DATE;

For more information about configuring custom fees for Fee Prediction, see the section "Service Package Setup" of the document "WAY4 Fee Prediction Mastercard".

## 1.2 AN 2929 - Introduction of Cardholder Currency Indicator for Point-of-Interaction Currency Conversion

To meet the requirements of the document "AN 2929 – Introduction of Cardholder Currency Indicator for Point-of-Interaction Currency Conversion" acquirers with separately licensed DCC functionality must do as follows:

1. Add two records to the "Tags Mapping" form (Full → Configuration Setup → Merchant Device Setup → Tags Mapping):

Matched Tags	Unmatched Tags	Priority	Result Tags
CH_CURR_IND=C;		0	CCI=C;
CH_CURR_IND=T;		0	CCI=T;

2. Configure prohibiting Services for "DCC Info Inquiry for Retail" operations for the Mastercard DCC Service Package:
  - For "DCC Info Inquiry for Retail (Our POS)" – if DCC is configured for a POS terminal:
    - Allowed=Never

- Trans Conditions = <<All Face to Face>>
- Service Details = DOC\_TAG=CCI;DOC\_TAG\_VALUE=C,T;
- For "DCC Info Inquiry for ATM (our ATM)" – if DCC is configured for an ATM:
  - Allowed=Never
  - Trans Conditions = <<All ATM>>
  - Service Details = DOC\_TAG=CCI;DOC\_TAG\_VALUE=C,T;

These Services can be configured as part of an Additional Service Package and must have the highest priority.

## 1.3 AN 2941 - Digital Remote Commerce Enhancements

To comply with the requirements of the document "AN 2941 – Digital Remote Commerce Enhancements", the following row must be added to the "IPS Release Changes" form (Full → Configuration Setup → Main Tables → IPS Release Changes):

IPS Release Changes						<< < > >>		1 of 1		X
	Payment System	Target	Release Number	Article Number	Member ID	Date From	Is Ready			
➔	Mastercard	Online	20Q2	AN2941		11/08/20	Ready			
Ins		Del	Query		Check					

The value in the *Date From* field must be specified according to the payment system's requirements.

For more information about the "IPS Release Changes" form, see the section "Support of payment system release requirements" of the document "Interchange Routing".

The payment system will notify banks of the date and time when the new requirements become effective.

## 1.4 AN 3831 - Mastercard Parameter Simplification for Commercial Refund Transactions in the Europe Region

To comply with the requirements of the document "AN 3831 – Mastercard Parameter Simplification for Commercial Refund Transactions in the Europe Region" the following row must be added to the "IPS Release Changes" form (Full → Configuration Setup → Main Tables → IPS Release Changes):

IPS Release Changes						<< < > >>	1 of 1	X
	Payment System	Target	Release Number	Article Number	Member ID	Date From	Is Ready	
➡	Mastercard	Clearing	20Q2	AN3831		17/07/20	Ready	
Ins	Del	Query	Check					

The value in the *Date From* field must be specified according to the payment system's requirements.

For more information about the "IPS Release Changes" form, see the section "Support of payment system release requirements" of the document "Interchange Routing".

The payment system will notify banks of the date and time when the new requirements become effective.