



Installation and Configuration Manual

Mastercard (April 2021). Configuring Way4™ According to Payment System Requirements

03.51.30

08.06.2021

Contents

1	Mastercard Settings	4
1.1	AN 4202 Edit Support for Revised Interchange Structure in Australia	4
1.2	AN 4203 MoneySend and Funding Transaction Program Enhancements	5
1.3	AN 4224 New Merchant Country of Origin Identifier	5

This document describes how Way4™ must be configured to comply with Mastercard requirements for changes in operation that become effective from April 2021.

1 Mastercard Settings

To comply with Mastercard requirements, the following Way4 versions must be installed at the bank or processing center:

- 03.51.30.29 or later (when version 03.51.30 is used)
- 03.52.30.09 or later (when version 03.52.30 is used).

These payment system requirements are supported by the Transaction Switch platform version 1.1.437-9025 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						<div><< < > >></div>		1 of 2		<div>X</div>
	Payment System	Target	Release Number	Article Number	Member ID	Date From	Is Ready			
→	Mastercard	Online	21Q2			16/04/21	Ready			
	Mastercard	Clearing	21Q2			16/04/21	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 4202 Edit Support for Revised Interchange Structure in Australia

To comply with the requirements of the document "AN 4202 Edit Support for Revised Interchange Structure in Australia", for correct calculation of IRD in Way4, acquirers that perform operations in Australia must import the standard configuration from the file MC_IRD_CFG_CFG_CC.txt.

For more information about importing configurations, see the document "Importing Configurations using Configuration Inspector".

Before importing the standard configuration, delete the previous configuration. To do so, contact OpenWay Support.

1.2 AN 4203 MoneySend and Funding Transaction Program Enhancements

To comply with the requirements of the document "AN 4203 MoneySend and Funding Transaction Program Enhancements", acquirers that perform card-to-card transfers must configure Mastercard card transaction subtypes for the transaction type CH Debit (Full → Configuration Setup → Transaction Types → Transactions – All → [SubTypes]):

Transactions - All													<< < > >>				1 of 1	X
Service Class	Source	Target	Name	DR/CR	Previous	Chain Type	Is Authorized	Is Required	Category	RBS Code	RBS Rev Code	Dispute Class						
Transaction	Device	Card	CH Debit	Debit		Original	May be	Yes	Individual	TA	ta	Non-ATM Dispute						
													<< < > >>					
Ins	Del	Query	Actions...	SubTypes	Msg Types	Reasons	Requirements	Msg Dict										
SubTypes for CH Debit													<< < > >>				1 of 8	b X
Source Cat	Target Cat	Source Type	Target Type	Source Acc Type	Target Acc Type	Triggered Event	Fee Algorithm Options	Name										
Device	Card	Our POS	Mastercard	Merchant Receivable	Outg Suspense		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our POS	Cirrus/Maestro	Merchant Receivable	Outg Suspense		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our POS	Our Cirrus/Maestro	Merchant Receivable	CH Current/Credits		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our POS	Our Mastercard	Merchant Receivable	CH Current/Credits		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our ATM	Mastercard	Merchant Receivable	Outg Suspense		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our ATM	Cirrus/Maestro	Merchant Receivable	Outg Suspense		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our ATM	Our Cirrus/Maestro	Merchant Receivable	CH Current/Credits		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Device	Card	Our ATM	Our Mastercard	Merchant Receivable	CH Current/Credits		SIC=6538;PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;	CH Debit										
Ins	Del	Query																

Add the following tags to the *Fee Algorithm Options* field for the selected transaction subtypes:

PTID_F07=4829;PTID_F08=4829;PTID_F52=4829;PTID_F53=4829;PTID_F54=4829;PTID_C59=4829;PTID_F61=4829;PTID_F64=4829;PTID_F55=4829;PTID_F65=4829;

These acquirers must also add the following row 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	21Q2	AN4203		08/06/21	Ready	v			
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.

1.3 AN 4224 New Merchant Country of Origin Identifier

To comply with the requirements of the document "AN 4224 New Merchant Country of Origin Identifier", 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	21Q2	AN4224		08/06/21	Ready		
<input type="button" value="Ins"/> <input type="button" value="Del"/> <input type="button" value="Query"/> <input type="button" value="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.

To comply with the requirements of this document, a parameter with the code "ORIG_MERCH_COUNTRY" must be added to the "Device Parms Add Info Types" form (Full → Configuration Setup → Merchant Device Setup → Device Parms Add Info Types)

Device Parms Add Info Types							<< < > >>	1 of 1	X
	Name	Code	Initial Count	Max Count	Payment System	Type	Is Ready		
→	Merchant Country of Origin Identifier	ORIG_MERCH_COUNTRY	0	0	MasterCard	Device Parm to Doc	Ready		
<input type="button" value="Ins"/> <input type="button" value="Del"/> <input type="button" value="Query"/> <input type="button" value="Check"/>									

This parameter must be specified in a merchant contract's additional parameters (MasterCard → MC. Merchant Management → MasterCard Acquiring Contracts → [AddParms]) or device contract's additional parameters (MasterCard → MC. Merchant Management → MasterCard Acquiring Contracts → [Devices] → [AddParms]) for those merchants/devices to which it is necessary to transmit the identifier Merchant Country of Origin. A numeric country code in ISO format should be specified as the parameter's value.