

# Configuring WAY4™ Version 03.47.30 According to UnionPay International Requirements (October 2018)

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## Introduction

This document describes how WAY4™ version 03.47.30 must be configured to comply with UnionPay International requirements set forth in the document "Implementation Guide For Technical Enhancement. Version 18.2" ("Implementation Guide for Technical Enhancements, Version 18.2.pdf") that becomes effective in October 2018.

## Chapter 1. UnionPay International Settings

To comply with UnionPay International requirements, WAY4 version 03.47.30.20 or later must be installed at the bank or processing centre.

These payment system requirements are supported by NetServer version 6.1.263 or later, and Transaction Switch version 1.1.305-3383 or later.

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

### Changes to the Method for Enabling Support of New Requirements

Starting from WAY4 version 03.47.30 and Transaction Switch version 1.1.297-3111, new technology is used to enable support of payment system release requirements.

Transaction Switch configuration file parameters and WAY4 global parameters are no longer used to enable support of new release requirements. Now support of new release requirements is enabled using records in the database table IPS\_RELEASES.

To access this table, run the user menu item "Full → Configuration Setup → Main Tables → IPS Release Changes". The "IPS Release Changes" form will be displayed on the screen:

Payment System	Target	Release Number	Article Number	Member ID	Date From	Is Ready
→	Clearing	18Q4			01/07/18 00:00:00	Ready

Buttons: Ins, Del, Query, Check

*Example of a record*

The "IPS Release Changes" form contains the following fields:

- *Payment System* – field with a list of payment systems from which to select the payment system for the record.
- *Target* – field with a list to specify the WAY4 component to which the record belongs:
  - "Clearing" – file interfaces for interacting with the payment system.
  - "Online" – online interfaces for interacting with the payment system (Transaction Switch).
- *Release Number* – payment system release number in <YY><NN> format, where:
  - YY is the year of the release.
  - NN is the release number; Q2 for April releases and Q4 for October releases.

- *Article Number* – code provided by the WAY4 vendor for an article in the payment system's release document; this field is filled in by bank or processing centre employees if a special record is being created for a specific article whose requirements do not become effective at the same time as the release's general requirements.
- *Member ID* – identifier assigned by the payment system to the financial institution; this field is filled in if the release's requirements must be observed only for a specific financial institution; the field is reserved for forward compatibility.
- *Date From* – date and time (GMT) the release requirement becomes effective.
- *Is Ready* – this field contains the "Ready" value if the check that the record's fields are filled in correctly was passed. The check is performed by clicking the [Check] button.

These settings can be made in advance, before the payment system's requirements become effective.

To implement the new technology for supporting payment system requirements in Transaction Switch, the following string must be added to payment system configuration files:

```
<dependency service="IssDB"/>
```

Note that for NetServer, support of payment system release requirements is still enabled using configuration file parameters.

The global parameter "UPI\_RELEASE" can be deleted after the record has been configured in the "IPS Release Changes" form and release 18.2 has become effective.

For Release 18.2, no settings using the new technology are required.

To comply with the requirements set forth in the document "Implementation Guide For Technical Enhancement. Version 18.2", no settings using the database table IPS\_RELEASES are required.

## Configuring Transaction Subtypes

Pursuant to the requirements of section "2.5 A New Financial Transaction Type: Account Funding Transaction" of the document "Implementation Guide For Technical Enhancement. Version 18.2", the following transaction subtypes must be added for the CH Debit transaction type (Full → Configuration Setup → Transaction Types → Transactions - All):

Transactions - All												<< < > >>		1 of 1	X
Service Class	Source	Target	Name	DRICR	Previous	Chain Type	Is Authorized	Is Required	Category	RBS Code	RBS Rev Code	Dispute Class	Trans Type IDT		
Transaction	Device	Card	CH Debit	Debit		Original	May be	Yes	Individual	TA	ta	Non-ATM Dispute	0513 1		
Ins Del Query Actions... SubTypes Msg Types Reasons Requirements Msg Dict															

SubTypes for CH Debit												<< < > >>		1 of 2	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 ATM	UPI Cards	Merchant Receivable	Outg Suspense		SIC=6012;ACQ_ONLINE=Y;				CH Debit					
Device	Card	Our POS	UPI Cards	Merchant Receivable	Outg Suspense		SIC=6012;ACQ_ONLINE=Y;				CH Debit					
Ins Del Query																

*Adding transaction subtypes*

Also pursuant to these requirements, for a number of records, the tags "SIC=6012;ACQ\_ONLINE=Y;" must be specified in the *Fee Algorithm Options* field of the Transaction Subtypes dictionary (Full → Configuration Setup → Transaction Types → Transaction Subtypes - All):

Transaction Subtypes - All								<< < > >>	1 of 8	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	Our UPI Cards	Merchant Receivable	CH Current/Credits		SIC=6012;ACQ_ONLINE=Y;	CH Payment	
	Device	Card	Our ATM	Our UPI Cards	Merchant Receivable	CH Current/Credits		SIC=6012;ACQ_ONLINE=Y;	CH Payment	
	Device	Card	Our POS	Our UPI Cards	Merchant Receivable	CH Current/Credits		SIC=6012;ACQ_ONLINE=Y;	CH Debit	
	Device	Card	Our ATM	Our UPI Cards	Merchant Receivable	CH Current/Credits		SIC=6012;ACQ_ONLINE=Y;	CH Debit	
	Device	Card	Our POS	UPI Cards	Merchant Receivable	Outg Suspense		SIC=6012;ACQ_ONLINE=Y;	CH Debit	
	Device	Card	Our ATM	UPI Cards	Merchant Receivable	Outg Suspense		SIC=6012;ACQ_ONLINE=Y;	CH Debit	
	Device	Card	Our ATM	UPI Cards	Merchant Receivable	Outg Suspense		SIC=6012;ACQ_ONLINE=Y;	CH Payment	
	Device	Card	Our POS	UPI Cards	Merchant Receivable	Outg Suspense		SIC=6012;ACQ_ONLINE=Y;	CH Payment	
Ins		Del		Query						