

# Module 2: Market Initiatives & Message Flows

**Isabelle Bouille**

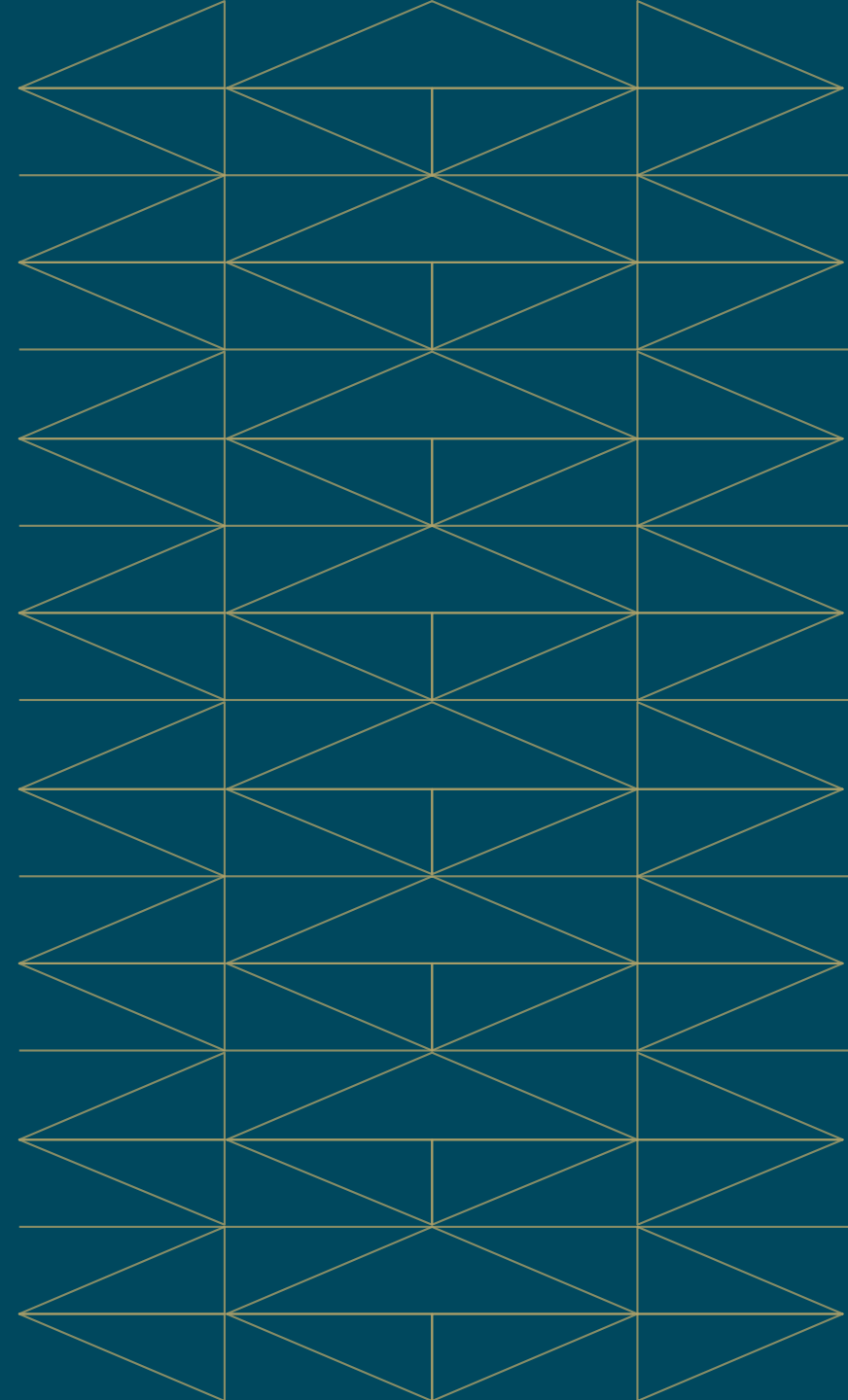
Product Manager  
BNY Mellon Treasury Services

**Jill Restifo**

Product Manager  
BNY Mellon Treasury Services

October 26, 2020

*Information Classification: Public*



# 1.1 Module 2 - Agenda

## 1. Introduction

- 1.1 Welcome and Agenda for the Session
- 1.2 Recap of previous training session

## 2 Market Initiatives

- 2.1 ISO 2022 Migration: Major Market Infrastructures
- 2.2 ISO 2022 Migration: Other High Value Markets

## 3. Message Flows

- 3.1 MT to MX equivalents
- 3.2 Message Flows: camt.008, camt.009, pacs.002, pacs.004, camt.056 & camt.029

## 1.2 Recap of Module 1 (September 2020): Demystifying ISO 20022

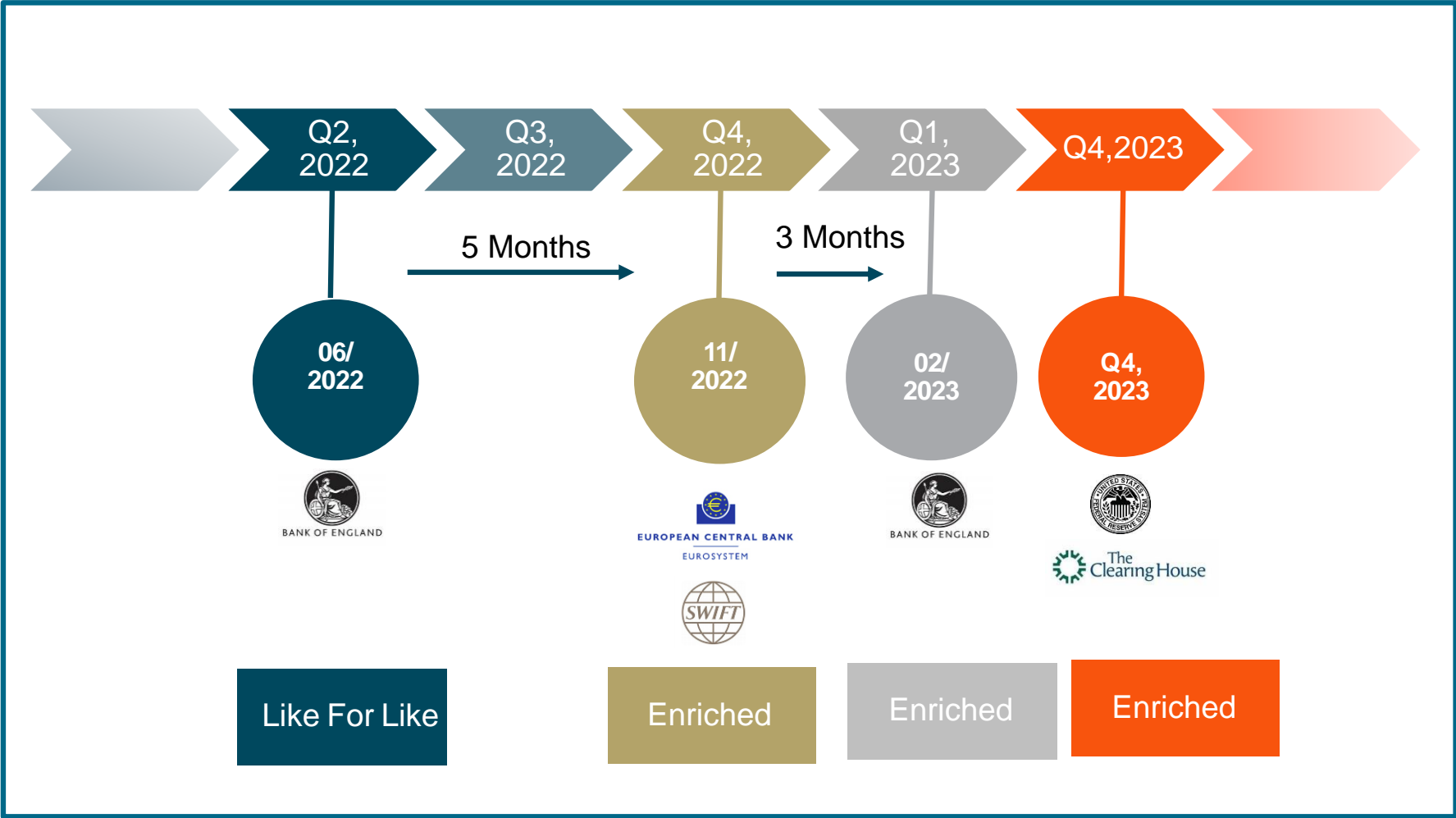
### Demystifying ISO 20022

- ISO 20022 Message Development Process
- ISO 20022 Catalogue of Messages
- ISO 20022 Message Naming, Variants and Versions
- FIN MTs and ISO 20022 Equivalents
- ISO 20022 Message Structure and Content
- ISO 20022 Roles and Actors
- ISO 20022 – Concepts

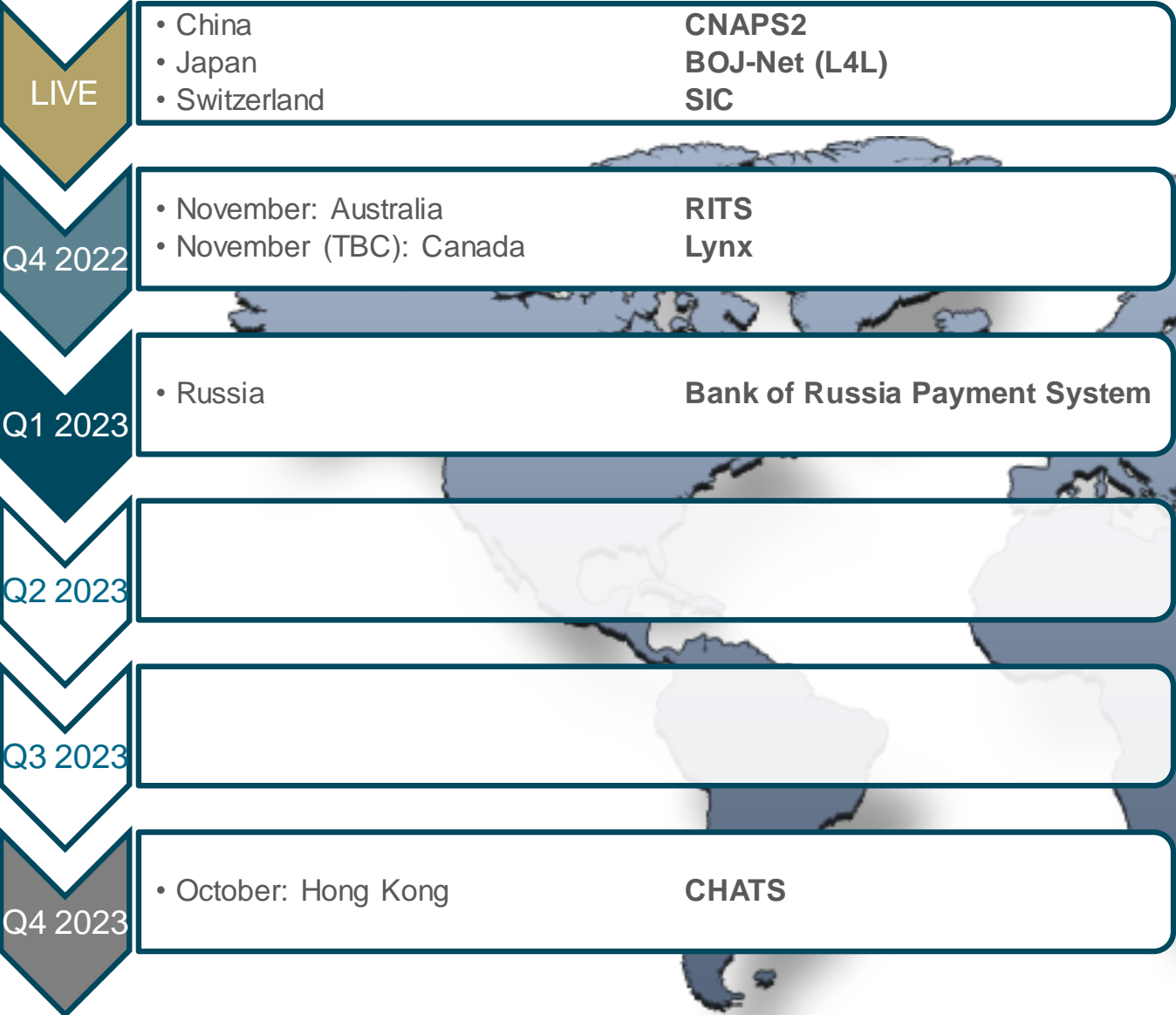
Recording of the session and ISO 2002 Learning Guide distributed by e-mail and available on demand.

# 2.1

# ISO 20022 Migration Timelines: Major Market Infrastructures



# 2.2 ISO 20022 Migration Timelines: Other High Volume Markets



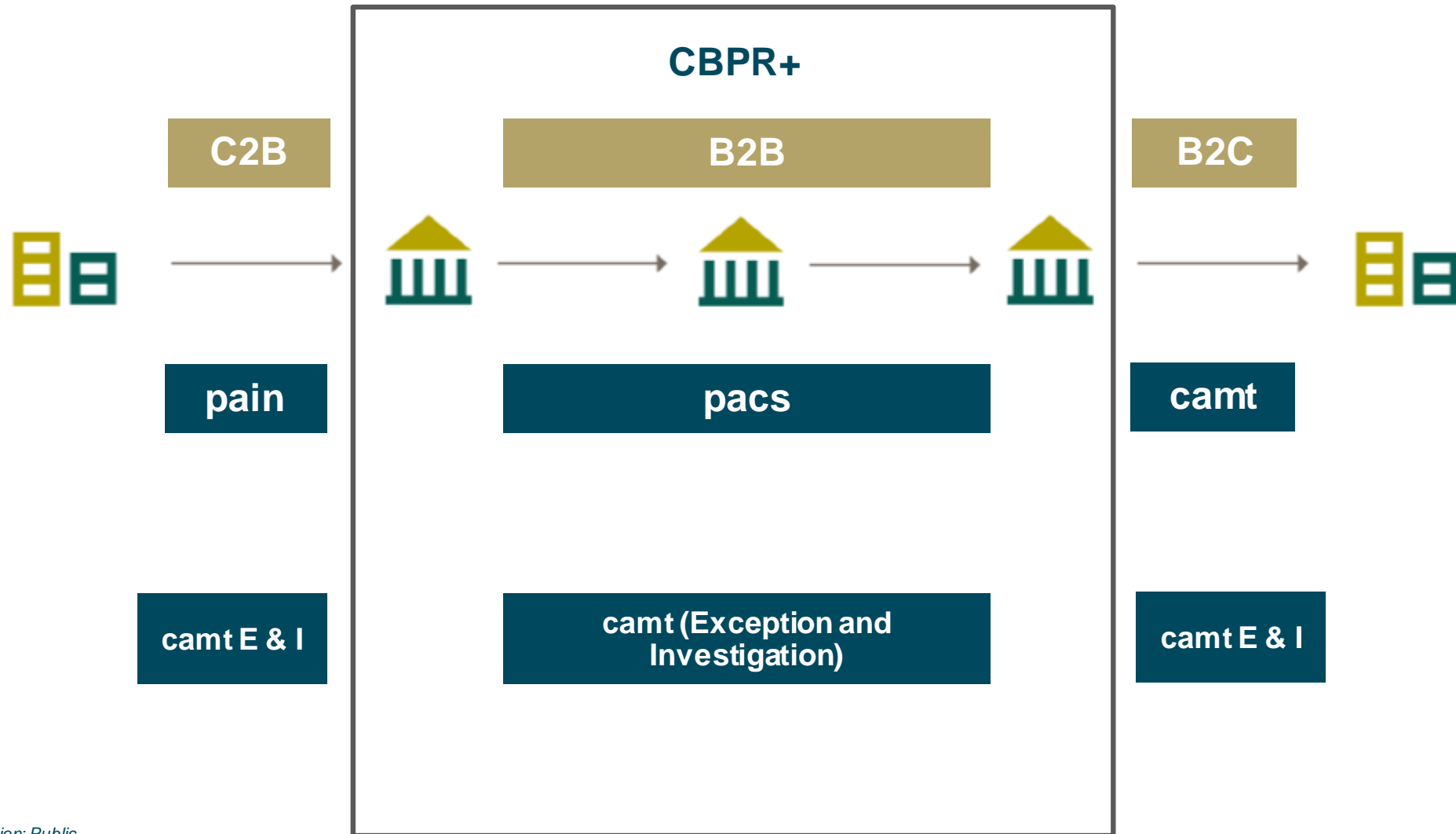
**Other Live Systems (L4L)**

- **Bangladesh**      **RTGS**
- **Brunei**            **BN-RTGS**
- **India**                **NG-RTGS**

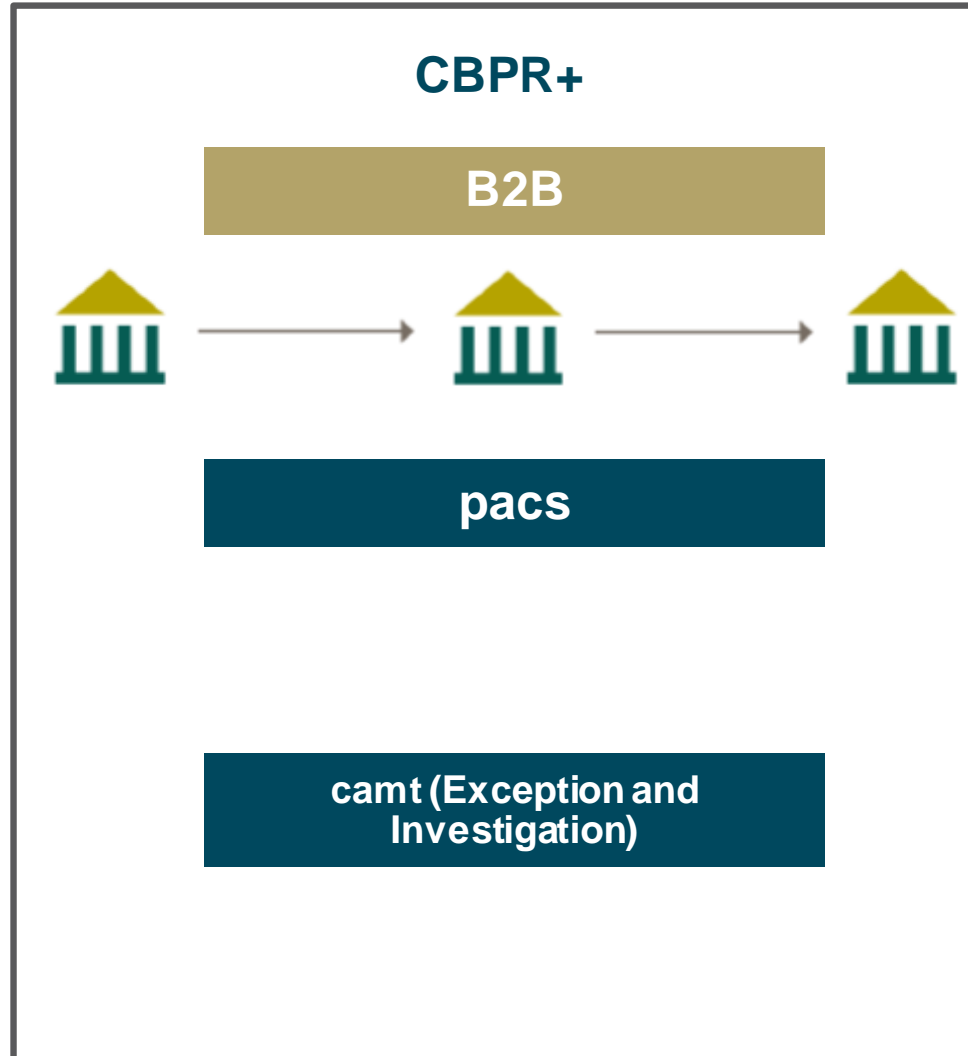
### 3.1 FIN MT and ISO 20022 Equivalents (Correspondent Banking)

FIN MTs	ISO 20022 Message Identification	ISO 20022 Message Name
MT 103/MT103 STP/MT 103 Remit	pacs.008.001.xx	FI to FI Customer Credit Transfer
MT 202 / 202 COV / MT 200/ MT 205/ MT 205 COV	pacs.009.001.xx	Financial Institution Credit Transfer
MT New 103 (Return) / MT New 202 (Return)	pacs.004.001.xx	Payment Return
MT 103 REJECT / MT 202 REJECT	pacs.002.001.xx	FI to FI Payment Status Report (Negative)
No Equivalent	pacs.002.001.xx	FI to FI Payment Status Report (Positive)
MT 210	camt.057.001.xx	Notification to Receive
MT 900 / 910	camt.054.001.xx	Bank to Customer Debit Credit Notification
MT 920	camt.060.001.xx	Account Reporting Request
MT 941 / 942	camt.052.001.xx	Bank to Customer Account Report
MT 940 / 950	camt.053.001.xx	Bank to Customer Statement
MT 192 / MT 292	camt.056.001.xx	FI to FI Payment Cancellation Request
MT 195/ MT 295	camt.026.001.xx	Unable to Apply
	camt.027.001.xx	Claim Non Receipt
	camt.087.001.xx	Request to Modify
MT 196/MT 296	camt.029.001.xx	Resolution of Investigation
MT 101	Pain.001.001.xx	Customer Credit Transfer Initiation (Relay Scenario only for CBPR+)
No Equivalent	head.001.001.xx	Business Application Header

## 3.2 End to End Payment Chain



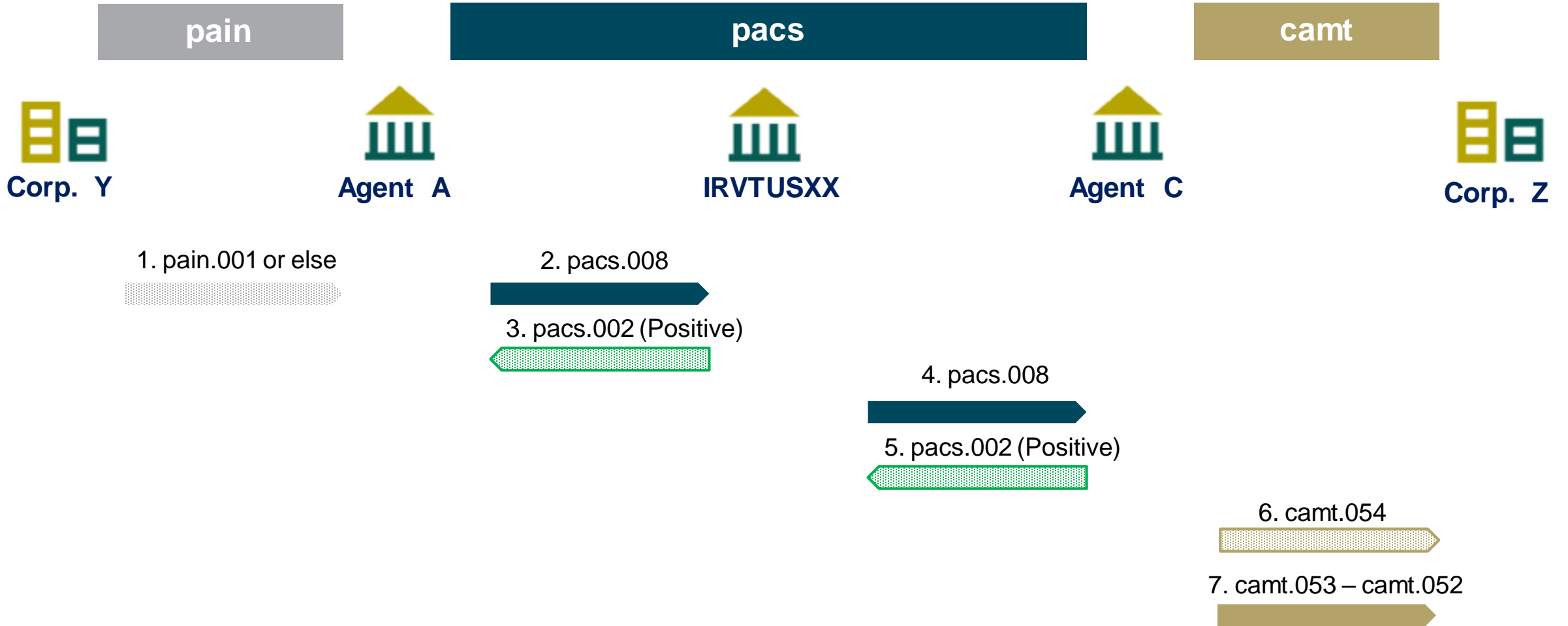
## 3.2 Documented Flows



- pacs.008.001.0X
- pacs.009.001.0X
- pacs.002.001.0X Positive (Bilateral Agt)
- pacs.002.001.0X Negative
- pacs.004.001.0X
- camt.056.001.0X
- camt.029.001.0X
- camt.054.001.0X (Bilateral Agt)
- camt.052.001.0X (Bilateral Agt)
- camt.053.001.0X

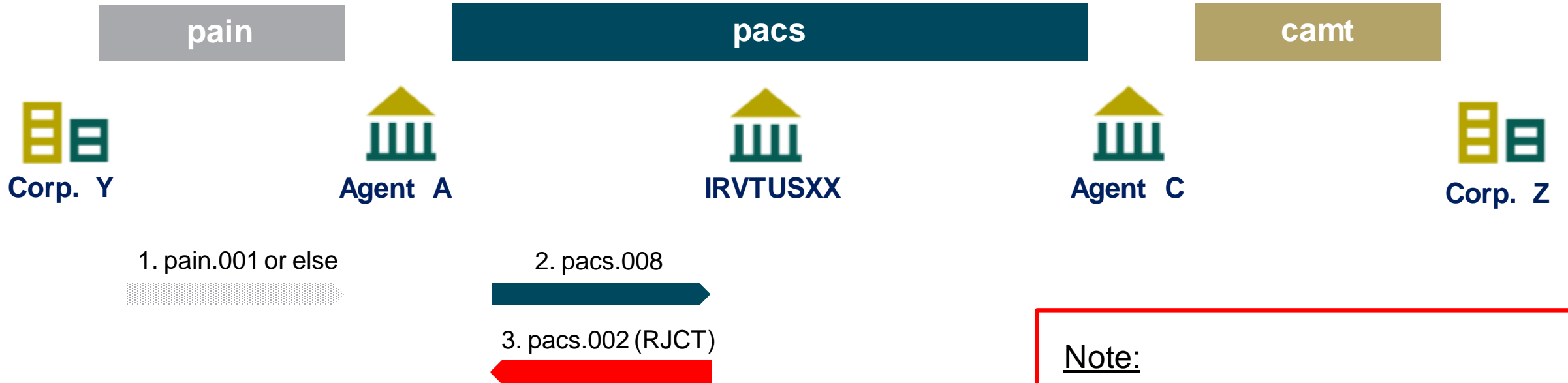


# pacs.008.001.0X - Serial – Positive Outcome




 Optional – As per bilateral agreement between banks

# pacs.008.001.0X – Serial – Negative Outcome (if repair not possible)

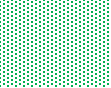
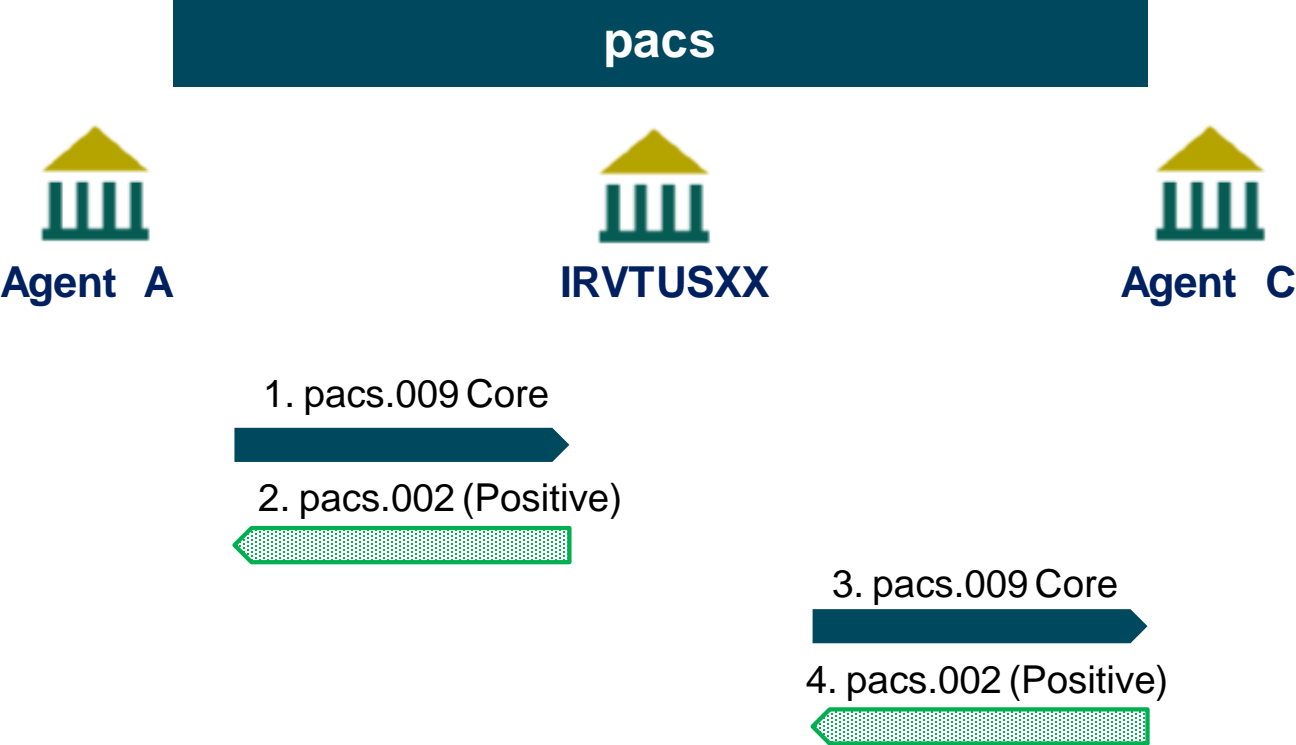


## Note:

**Reject** Reason Codes are part of the ISO External Code List Available: [www.iso.org](http://www.iso.org)

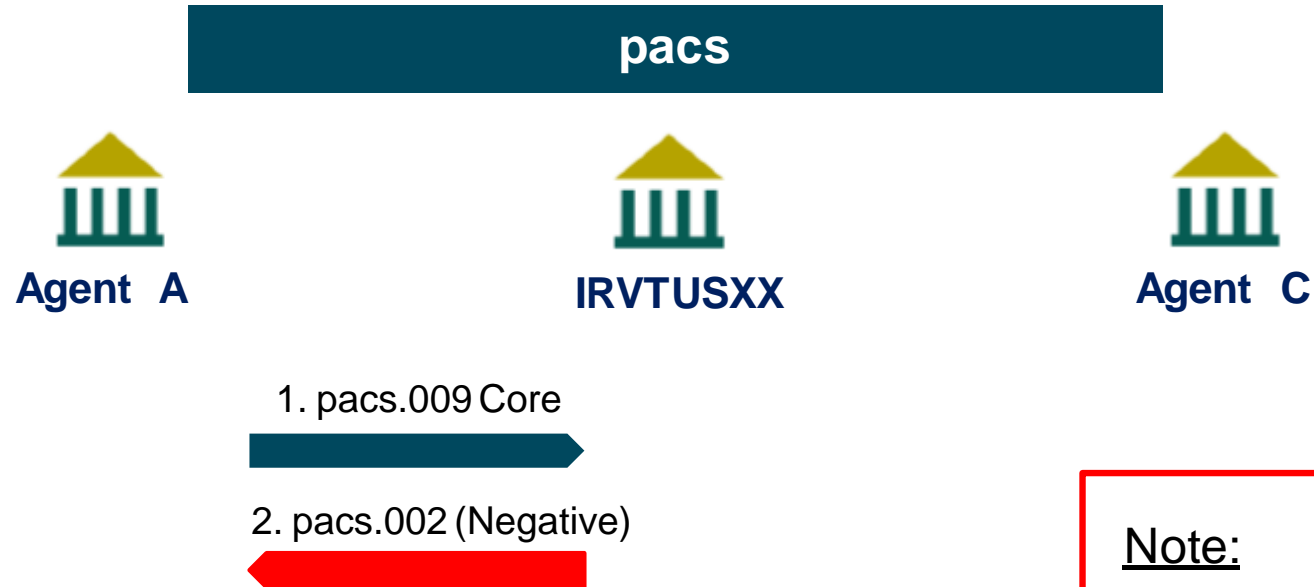
 Mandatory use of a negative pacs.002 in case of a rejection

# pacs.009.001.0X Core – Positive Outcome



Optional – As per bilateral agreement between banks

# pacs.009.001.0X Core – Negative Outcome

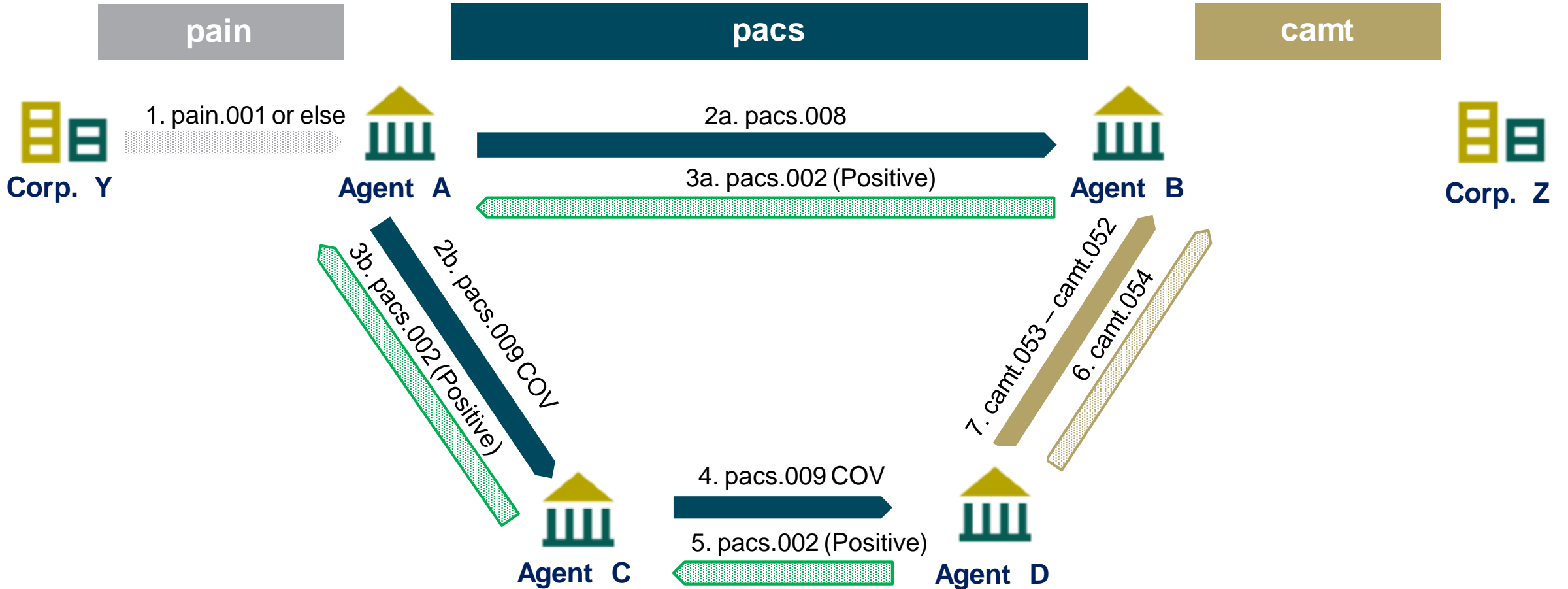


Note:

**Reject** Reason Codes are part of the ISO External Code List Available: [www.iso.org](http://www.iso.org)

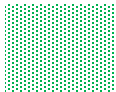
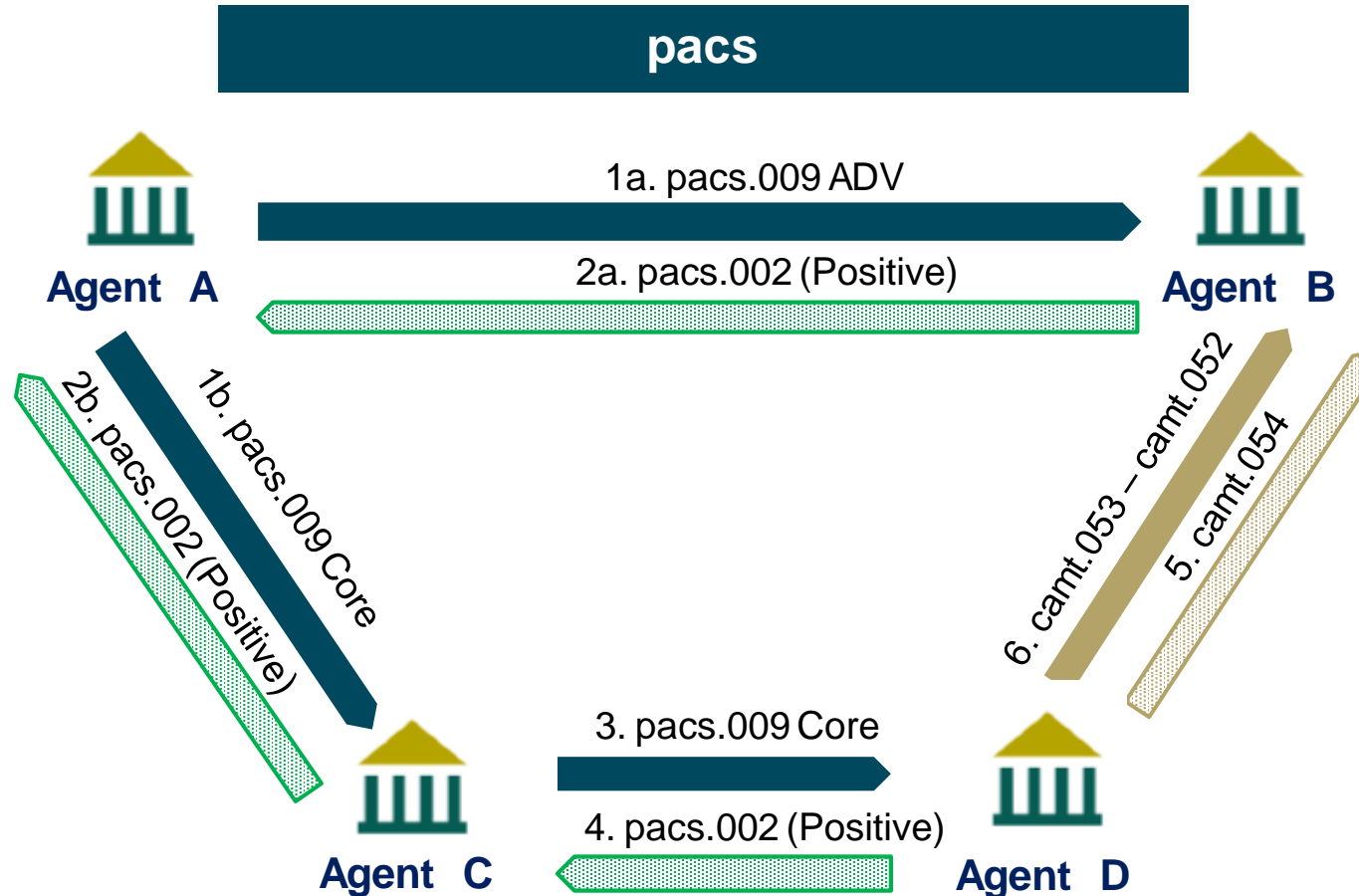
Mandatory use of a negative pacs.002 in case of a rejection

# pacs.009.001.0X – Cover Scenario



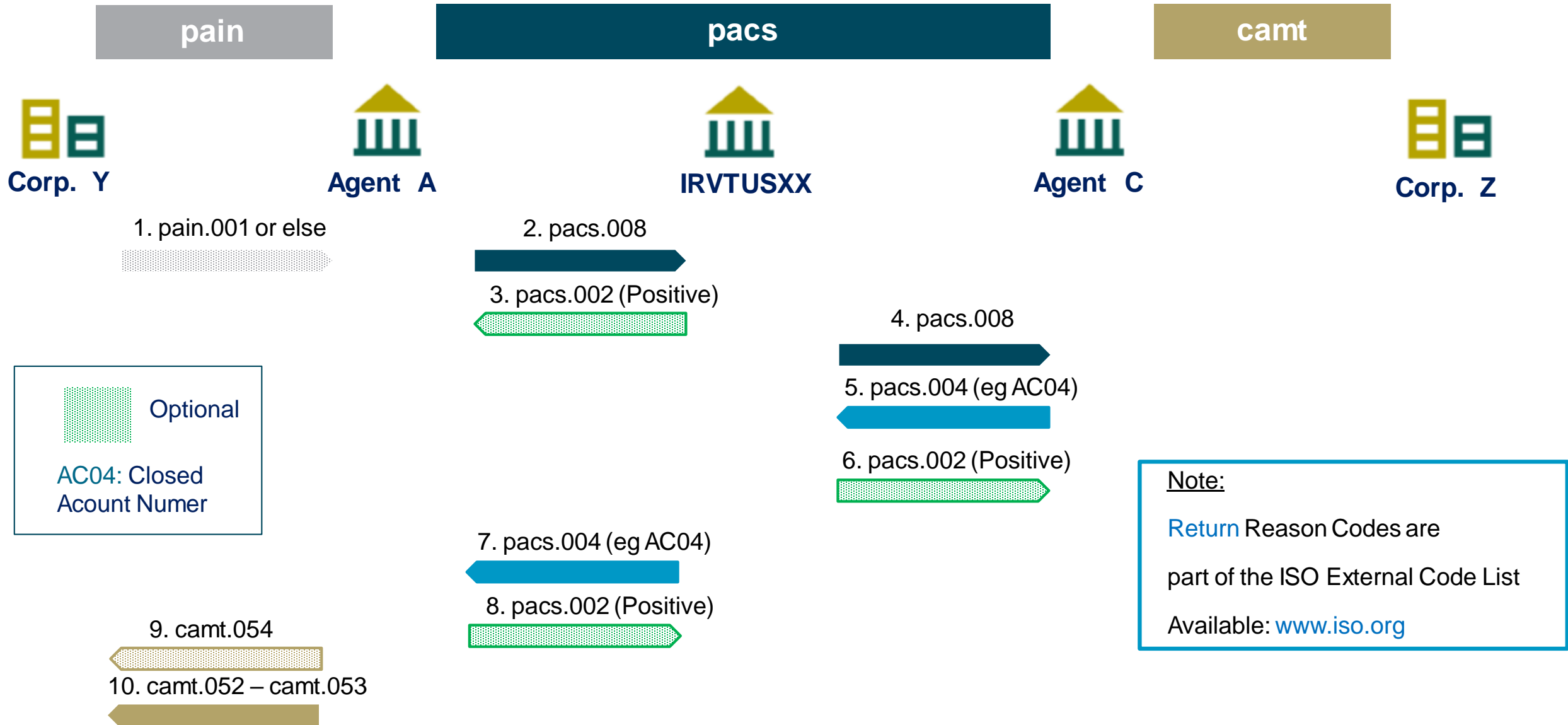
Optional – As per bilateral agreement between banks

# pacs.009.001.0X – Advice (ADV - New)

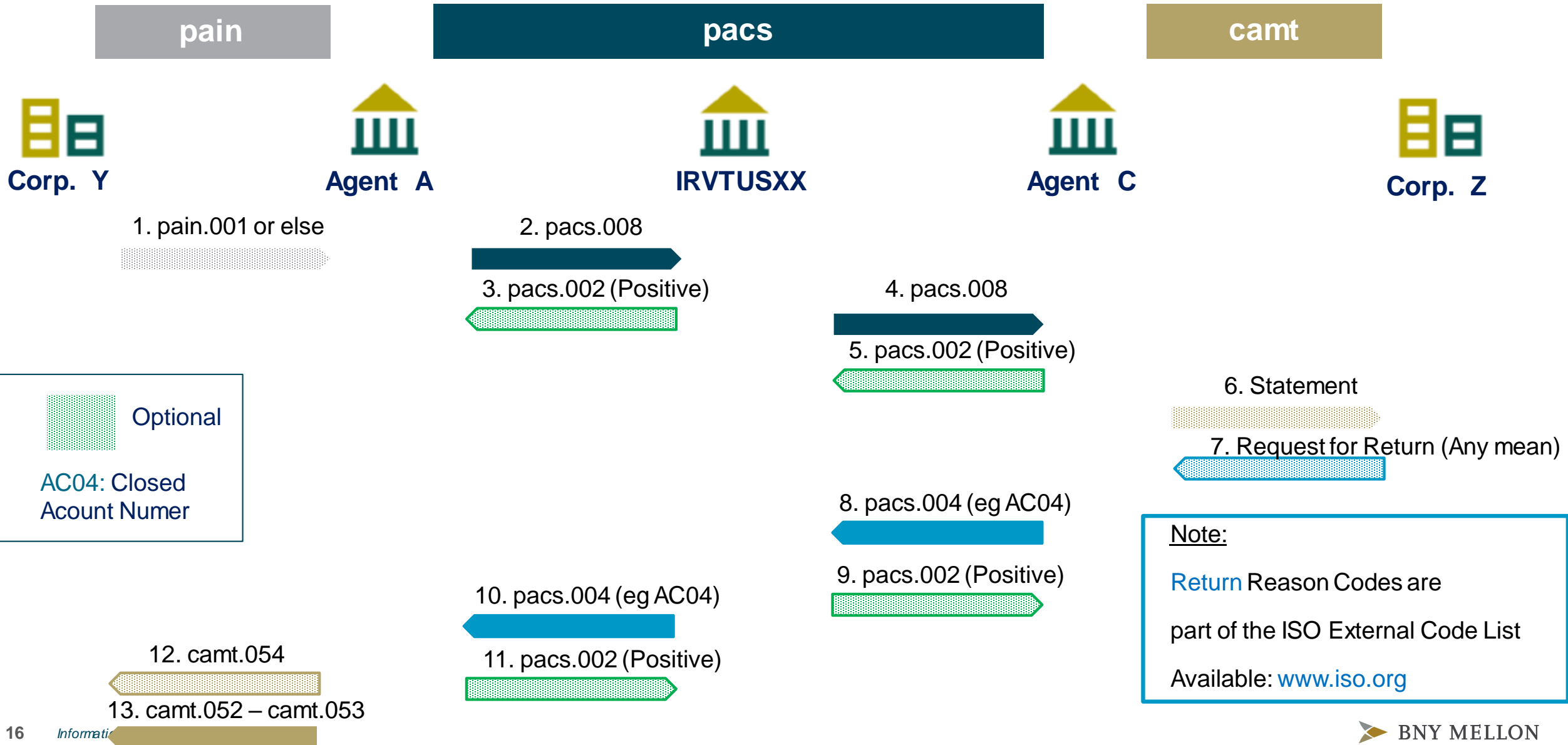


Optional – As per bilateral agreement between banks

# pac.004.001.0X – Return of a pac.008.001.0X

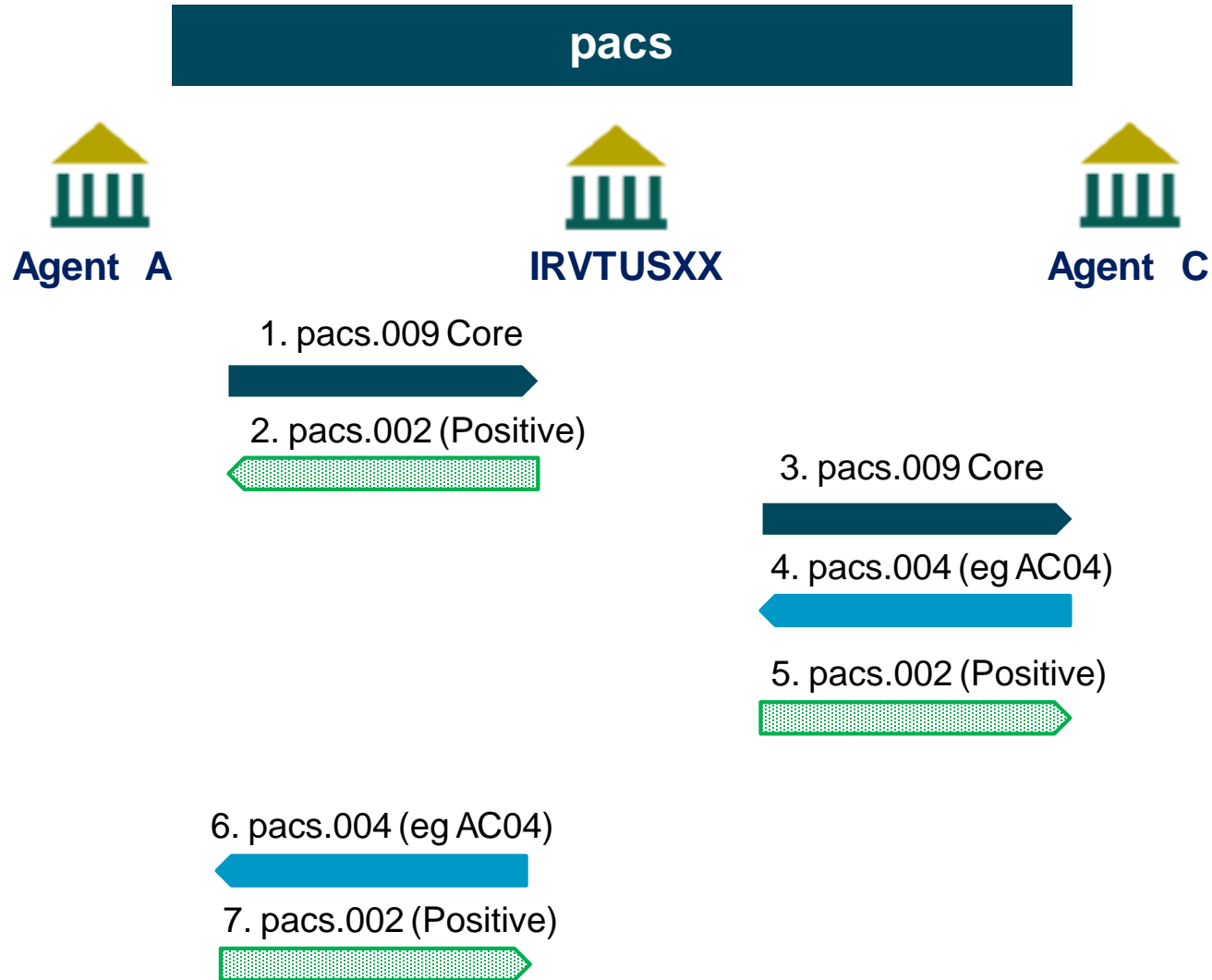


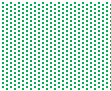
# pac.004.001.0X – Return of a pac.008.001.0X requested by Corp. Z





# pacs.004.001.0X – Return of a pacs.009.001.0X

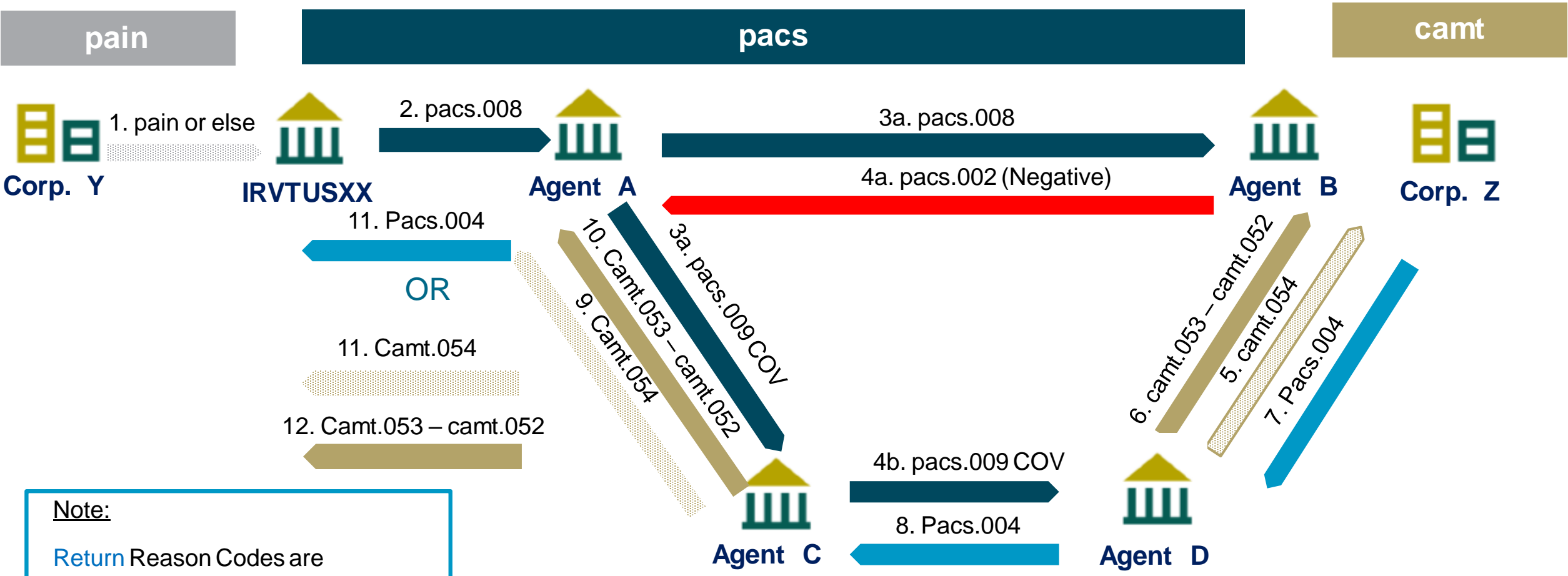


 Optional

AC04: Closed Account Numer

Note:  
Return Reason Codes are part of the ISO External Code List  
Available: [www.iso.org](http://www.iso.org)

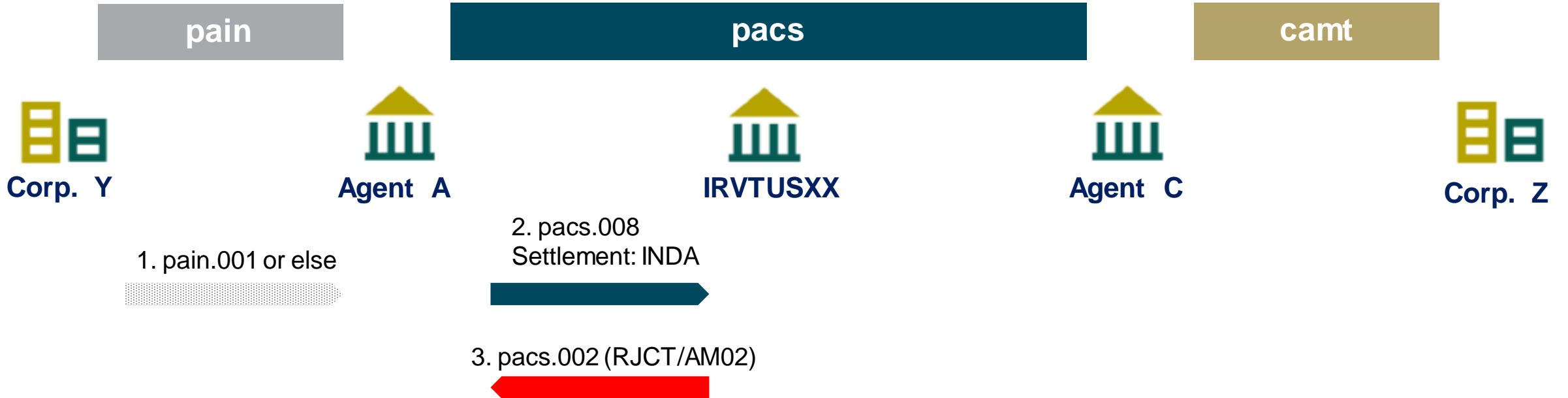
# pac.004.001.0X – Return of a pac.009.001.0X COV



**Note:**  
 Return Reason Codes are part of the ISO External Code List  
 Available: [www.iso.org](http://www.iso.org)

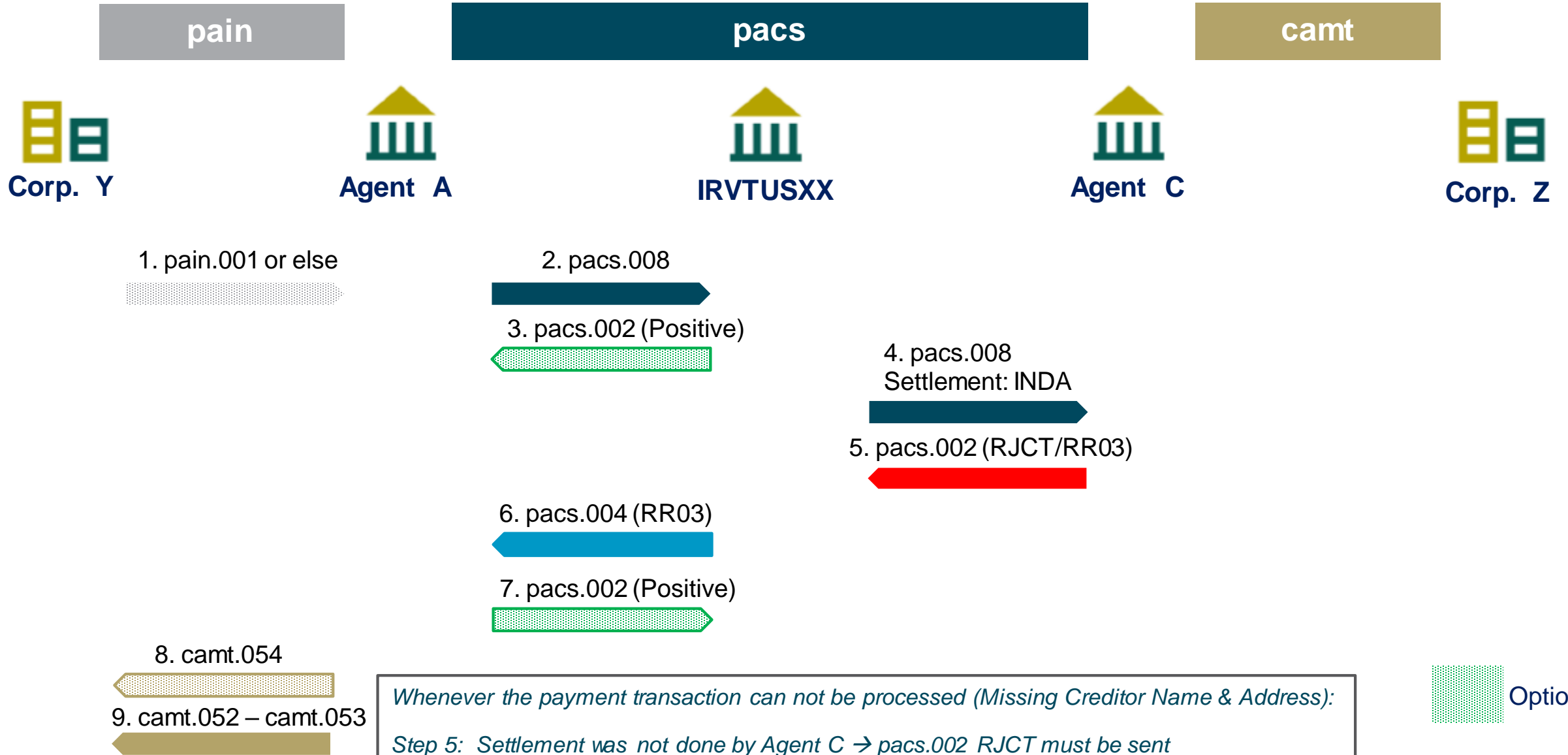
For clarity reasons, optional positive pac.002 are not included

# Reject or Return ?

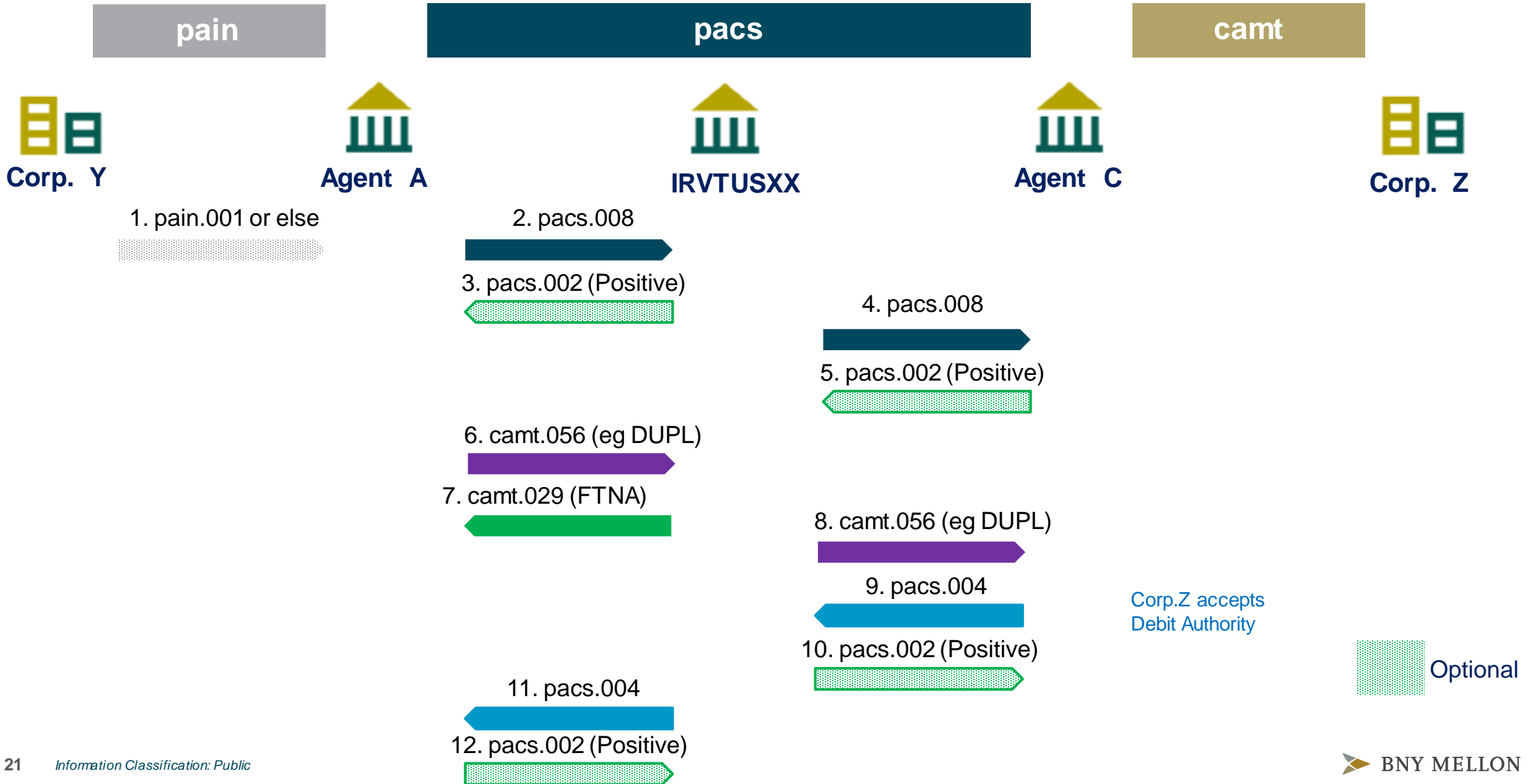


*Whenever the payment transaction can not be processed (eg Invalid Currency) and Settlement is not done yet, the pacs.002 should be used to reject the payment transaction*

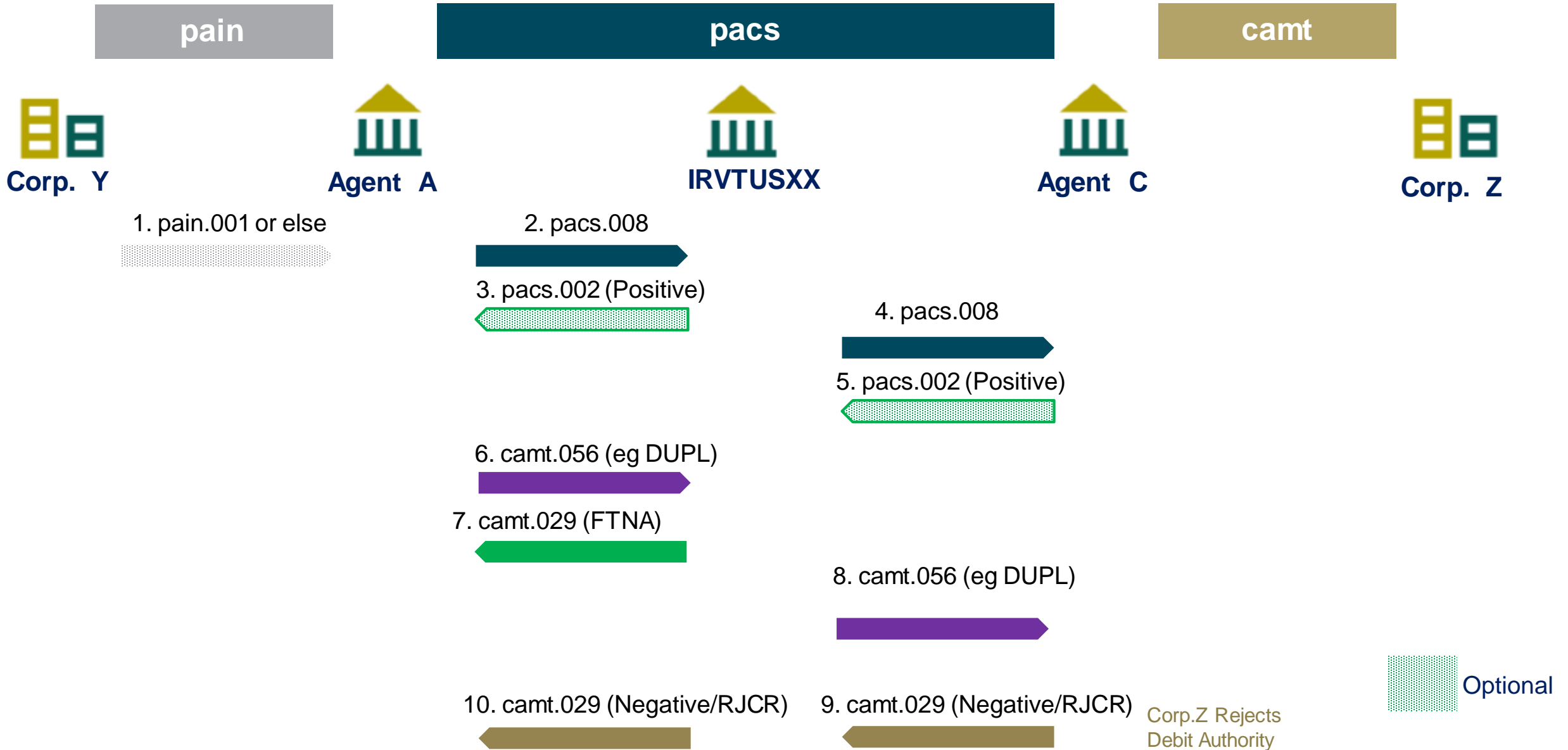
# Reject or Return ?



# Cancellation Request: Positive Outcome



# Cancellation Request: Negative Outcome



# Save the Date

*Monday, November 23, 2020*

15:00 - 16:00 HKT/09:00 – 10:00 CET

08:00 - 09:00 EST/14:00 – 15:00 CET

Module 3: SWIFT Transaction Management Platform (TMP)

# Disclosures & Disclaimers

BNY Mellon is the corporate brand of The Bank of New York Mellon Corporation and may also be used as a generic term to reference the Corporation as a whole or its various subsidiaries generally and may include The Bank of New York Mellon 240 Greenwich Street, New York, New York 10286, a banking corporation organized and existing pursuant to the laws of the State of New York and operating in England through its branch at One Canada Square, London E14 5AL, England. BNY Mellon has various subsidiaries, affiliates, branches and representative offices in the Asia Pacific Region which are subject to regulation by the relevant local regulator in that jurisdiction. The information contained in this presentation is for use by wholesale clients only and is not to be relied upon by retail clients. Not all products and services are offered at all locations.

This presentation, which may be considered advertising, is for general information and reference purposes only and is not intended to provide legal, tax, accounting, investment, financial or other professional advice on any matter, and is not to be used as such. BNY Mellon does not warrant or guarantee the accuracy or completeness of, nor undertake to update or amend the information or data contained herein. We expressly disclaim any liability whatsoever for any loss howsoever arising from or in reliance upon any of this information or data.

Trademarks and logos belong to their respective owners. This material may not be reproduced or disseminated in any form without the prior written permission of BNY Mellon.

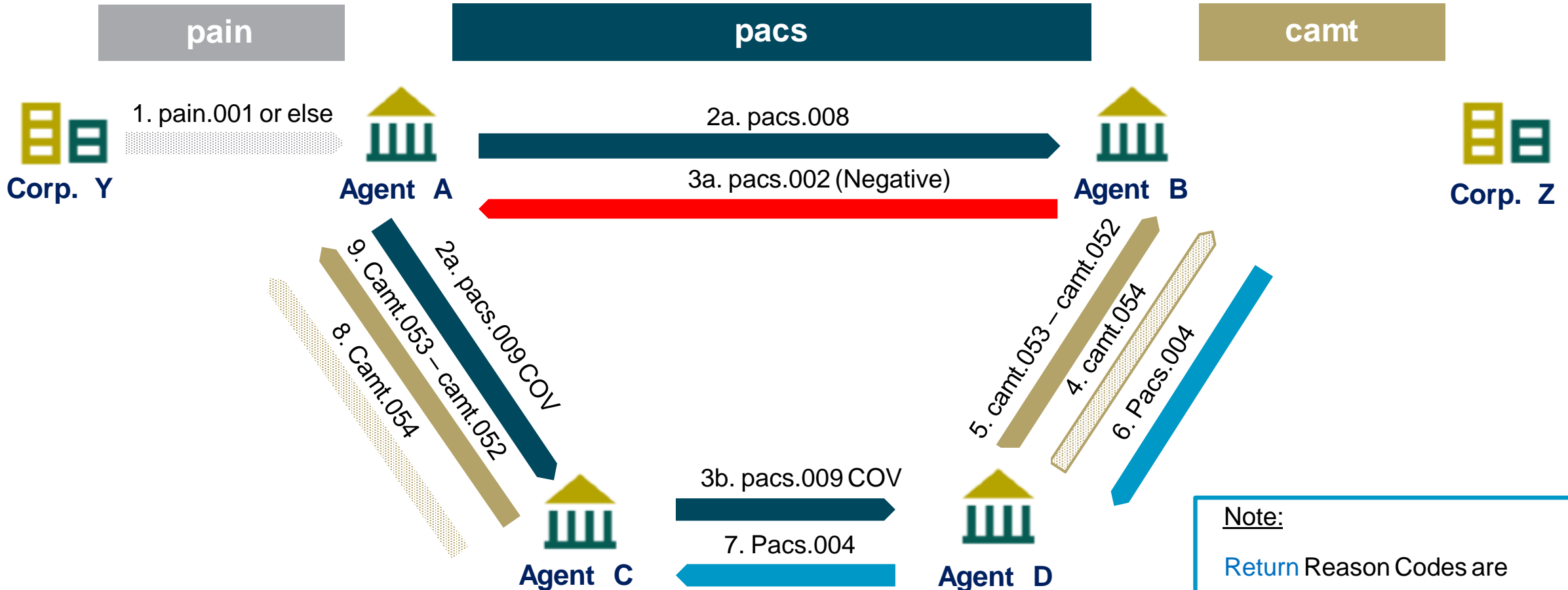
© 2020 The Bank of New York Mellon Corporation. All rights reserved.

September 2020





# pac.004.001.0X – Return of a pac.009.001.0X COV



Note:  
 Return Reason Codes are  
 part of the ISO External Code List  
 Available: [www.iso.org](http://www.iso.org)