



Transaction Processing in WAY4

WAY4 Documents

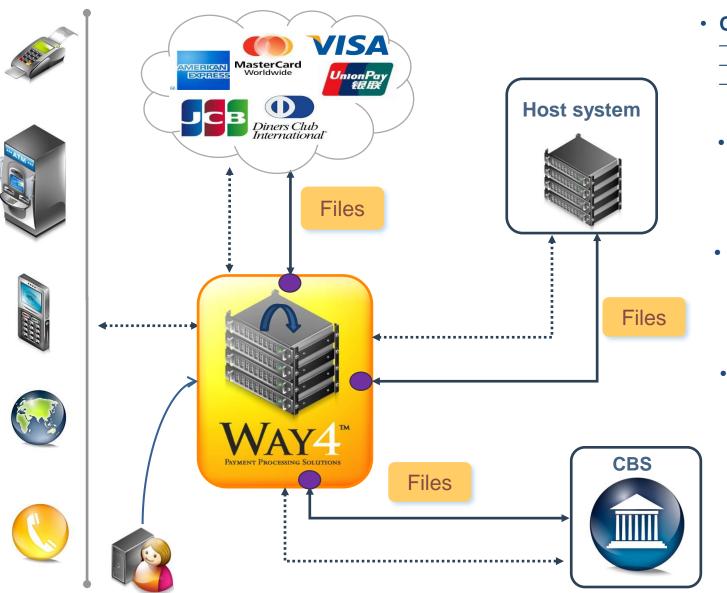
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- 1. Sources of Documents in WAY4. Examples
- 2. Transaction Processing Steps. Authorization
- 3. Document parameters
- 4. Transaction Types
- 5. Processing Financial Documents
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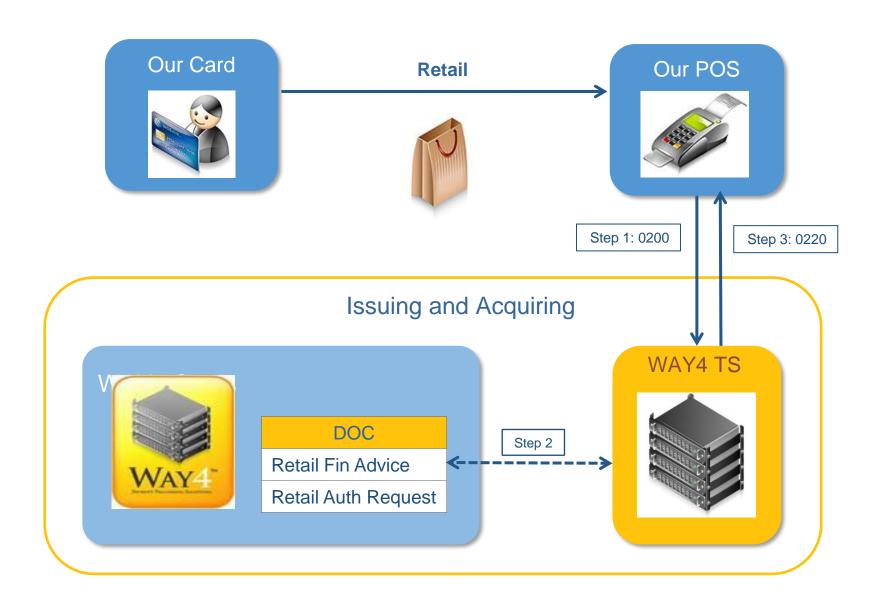
Sources of Documents in WAY4. Examples

Sources of Documents in WAY4

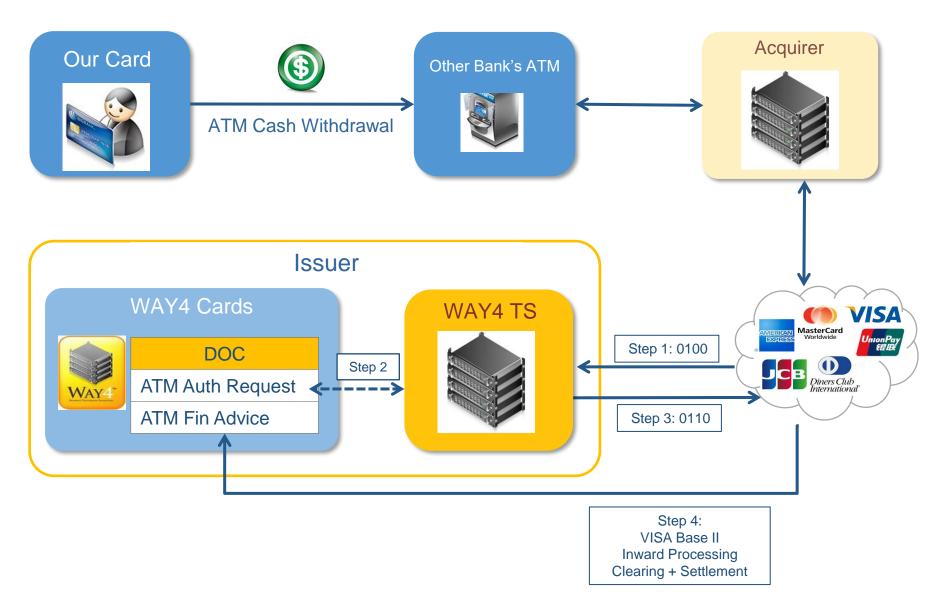


- Online Messages
 - Terminal Network
 - IPS
 - H2H systems
 - Files
 - Clearing Files
 - CBS operations
 - Manual input
 - Corrections
 - Dispute Documents
 - Fees
 - ...
 - Automatical
 - Payments
 - Direct Debit
 - Servicing Fees
 - ...

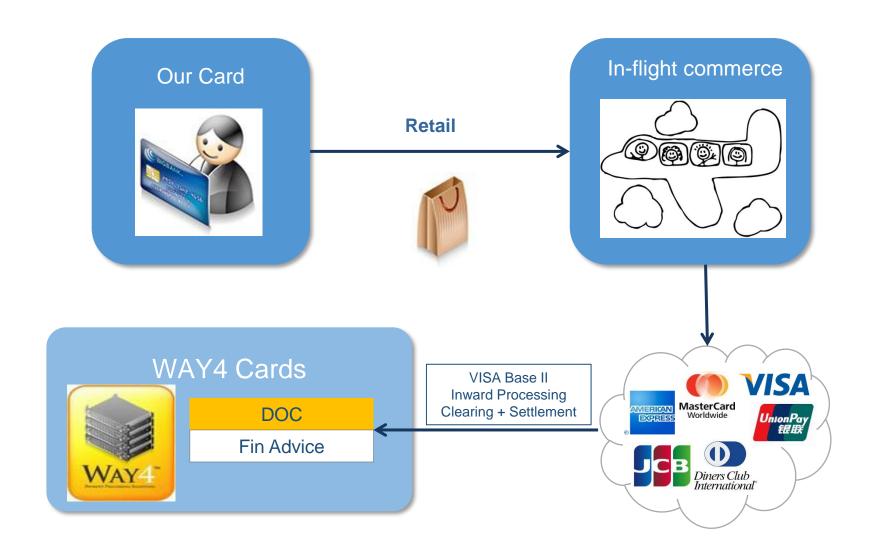
Example 1. On-Us Transaction



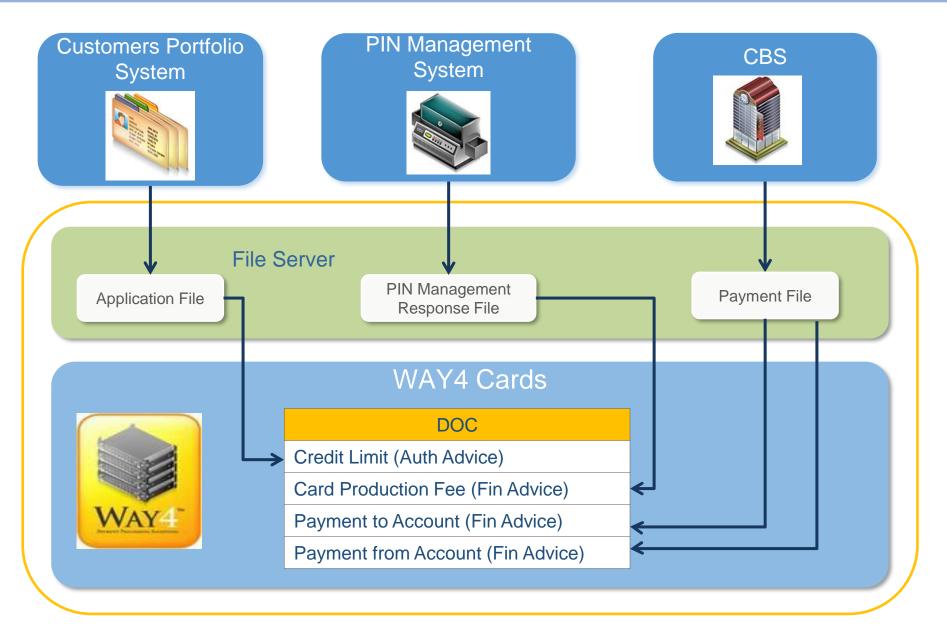
Example 2. Cash Withdrawal (Off-Us ATM)



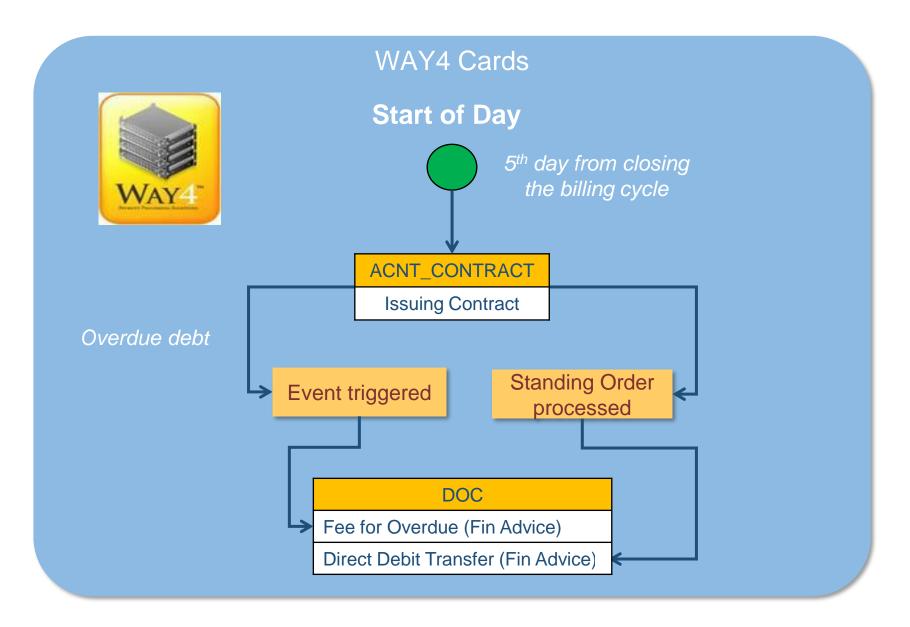
Example 3. Off-line Purchase



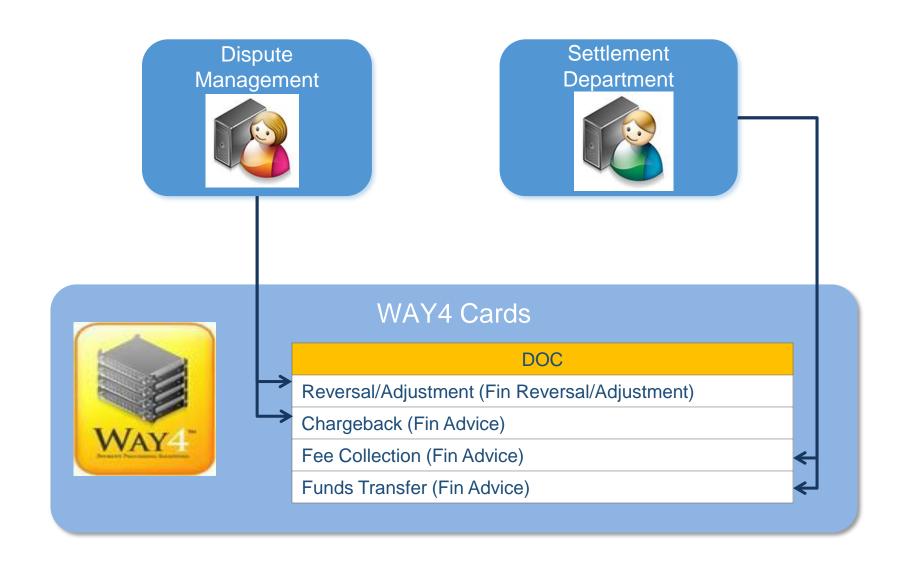
Examples 4, 5, 6. Processing Applications/Payments



Examples 7, 8. Direct Debit and Fee Charged by Event



Examples 9, 10. Documents Created Manually

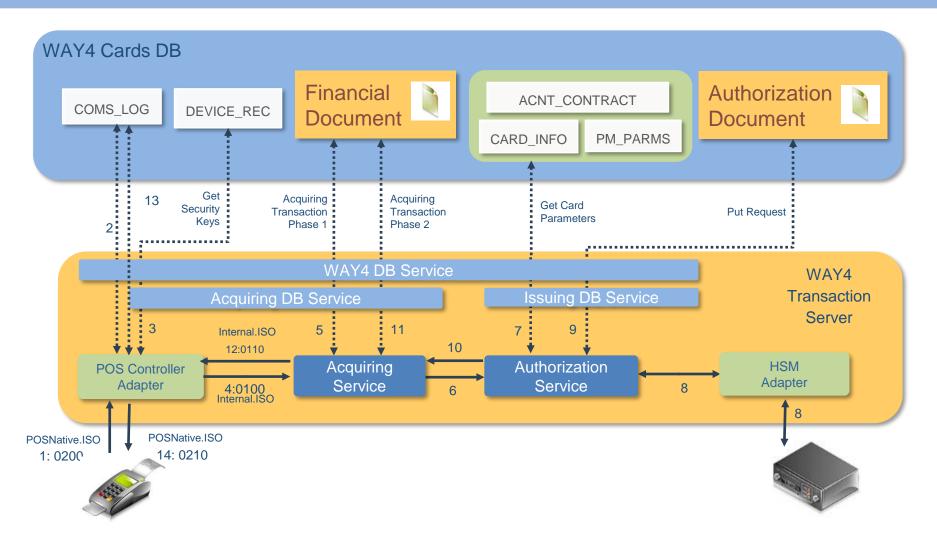




Transaction Processing Steps

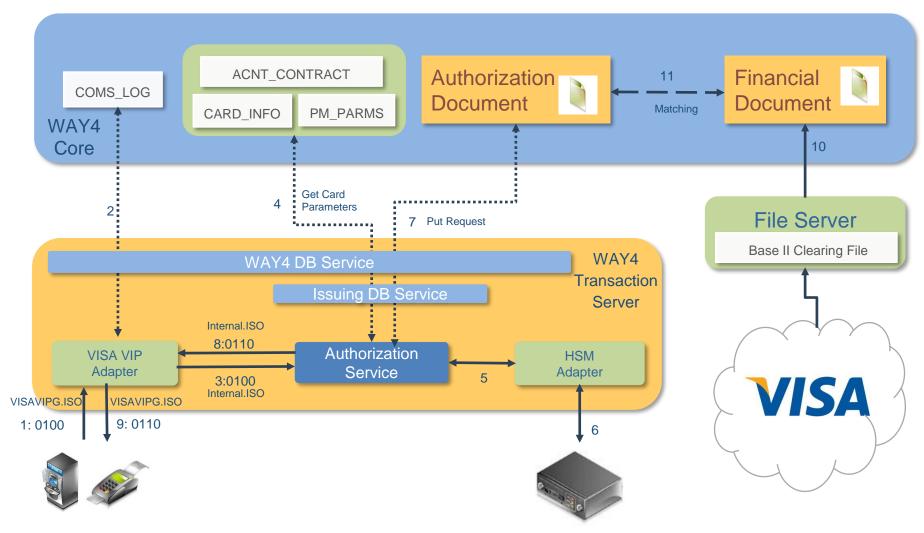
Authorization

Example 1. On-Us Transaction Online Processing



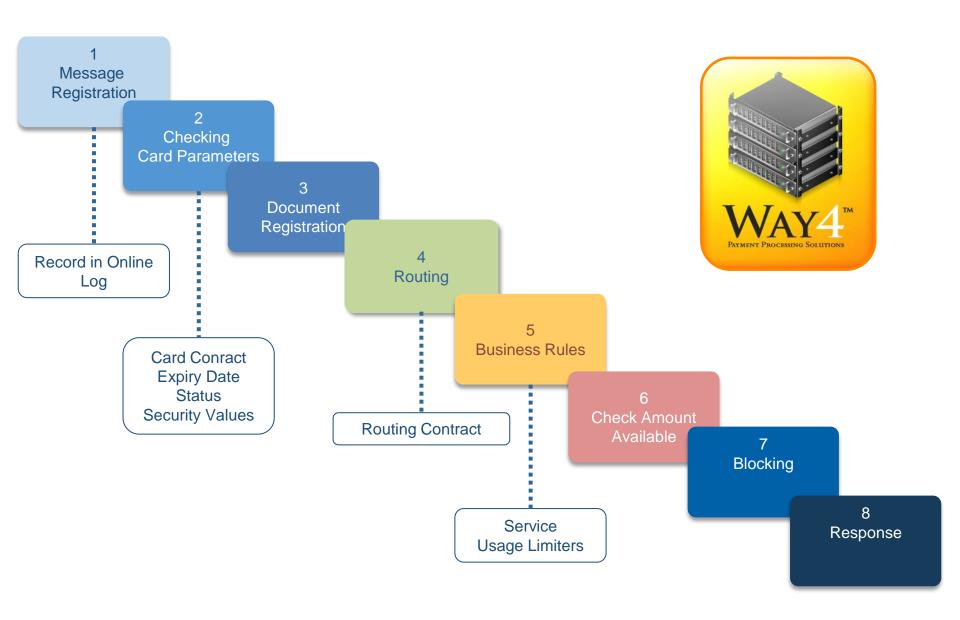
When processing On-Us transactions a financial document created first and then an authorization document

Example 2. Off-Us Transaction Processing



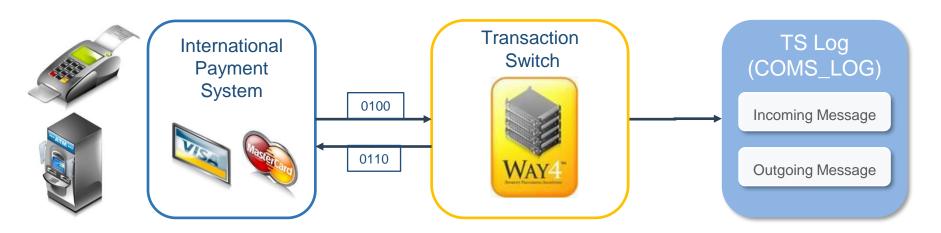
When processing Off-Us transaction, first authorization document is created in the system, then, after loading clearing file, the authorization document

Authorization Processing Steps



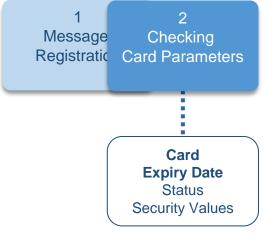
Step 1. Message Registration

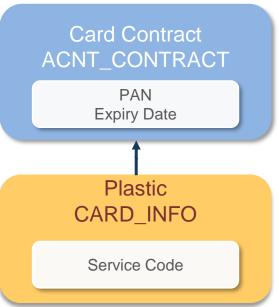




OpenWay\Full\DB Administrator Utilities\Special OpenWay Utilities\Emergency Reports\Online Log - Not Safe

Step 2. Checking Card Parameters





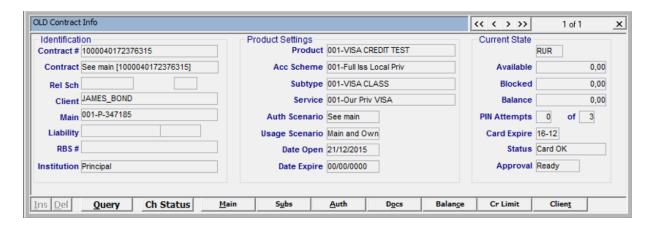


Card

- Negative Response Codes:
- 14 No such Card

Expire Date

- Negative Response Codes:
- 54 Expired card / target



Step 2. Checking Card Parameters. Status

Honour with identification 08

PickUp 04

Query

Card

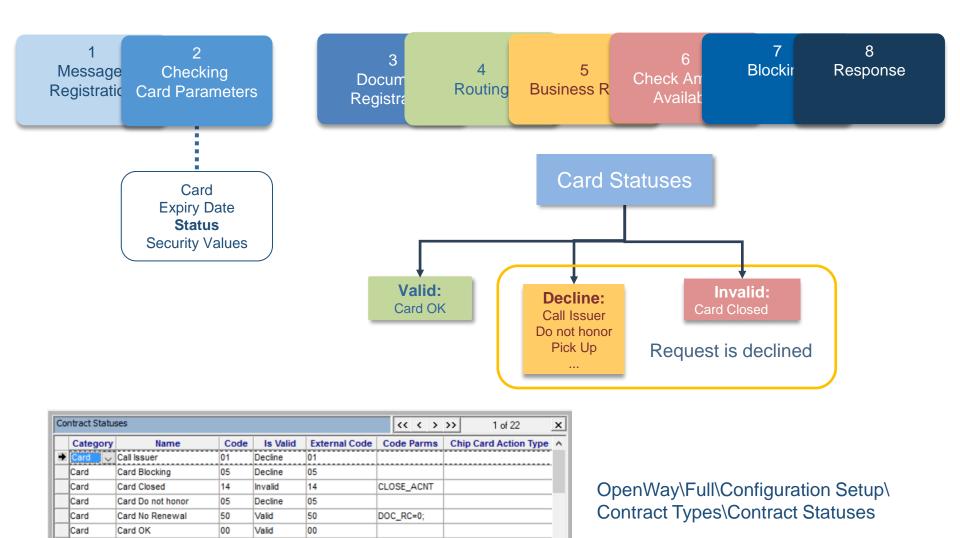
Card

Ins Del

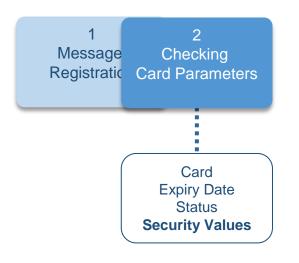
08

Valid

Decline



Step 2. Checking Card Parameters. Security Values



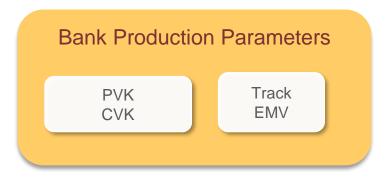


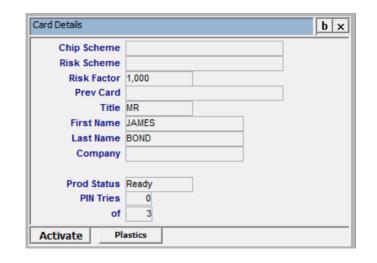
Negative Response Codes:

55 - Incorrect PIN

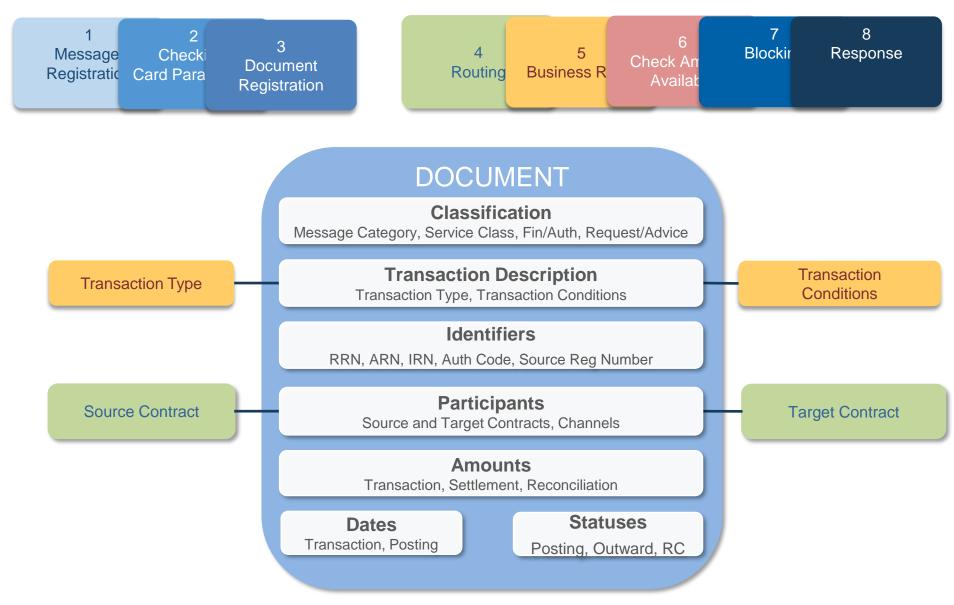
75 – Allowable number of PIN tries exceeded

OpenWay\Customer Service\Customer Service->[Card & PIN]

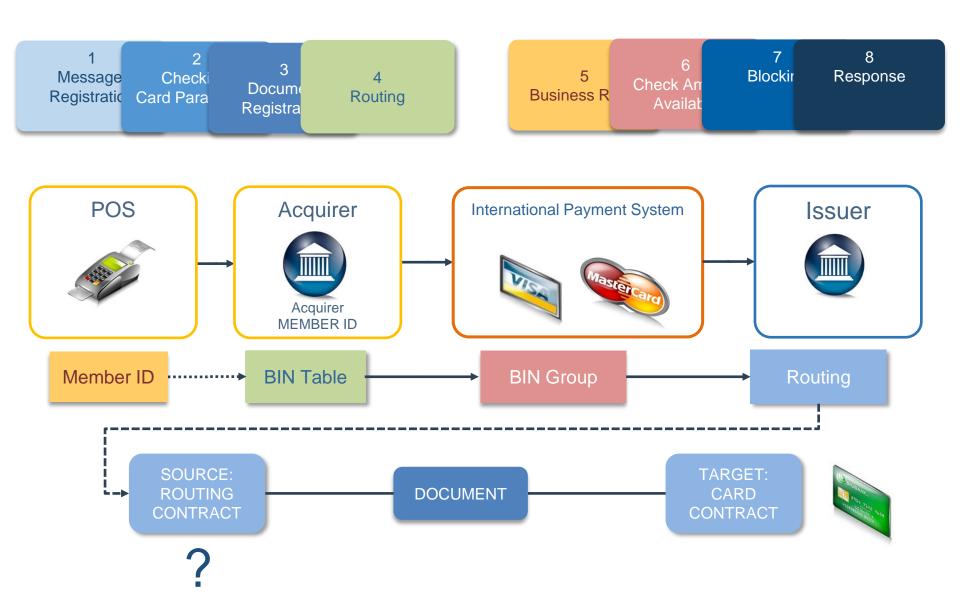




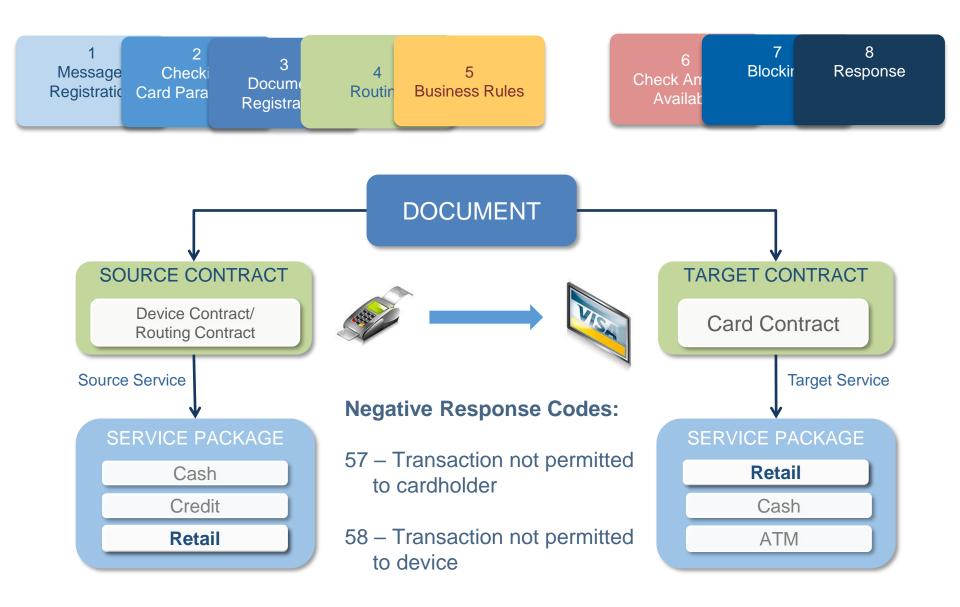
Step 3. Document Registration



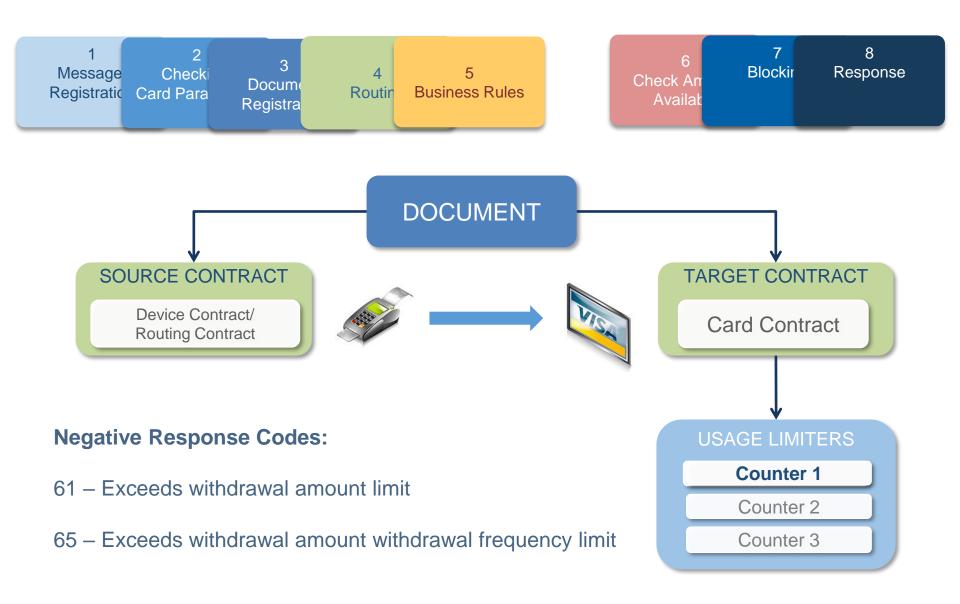
Step 4. Routing



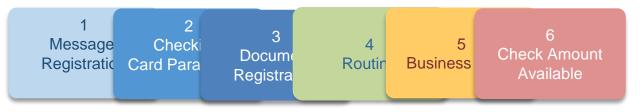
Step 5. Business Rules. Services



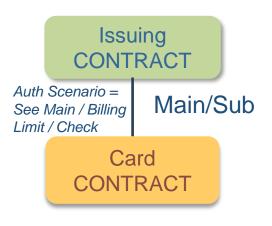
Step 5. Business Rules. Usage Limiters



Step 6. Amount Available







For subordinated contracts
AmAv of main contract is
checked

Negative Response Codes:

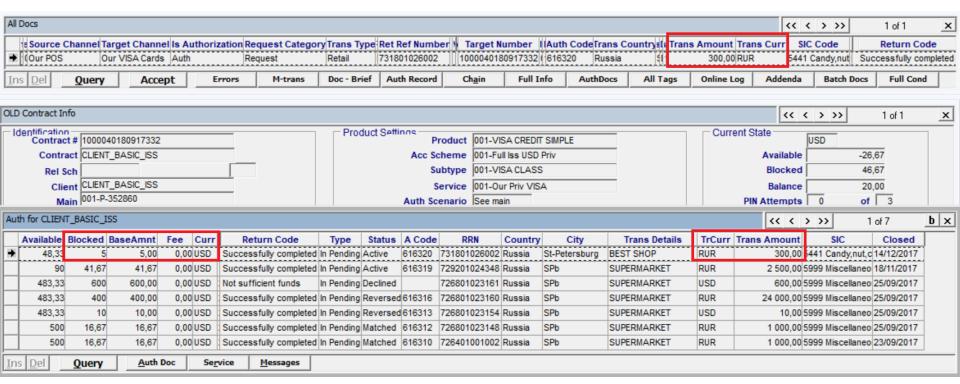
51 – Not sufficient funds



Step 7. Blocking



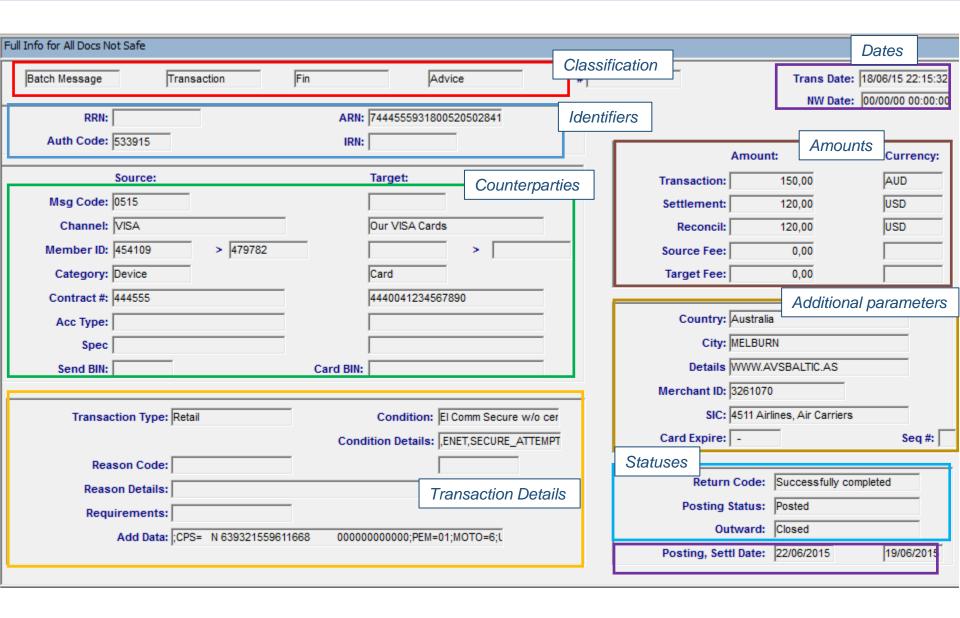
OpenWay\lssuing\Customer Support\OLD Contract Info -> [Auth]



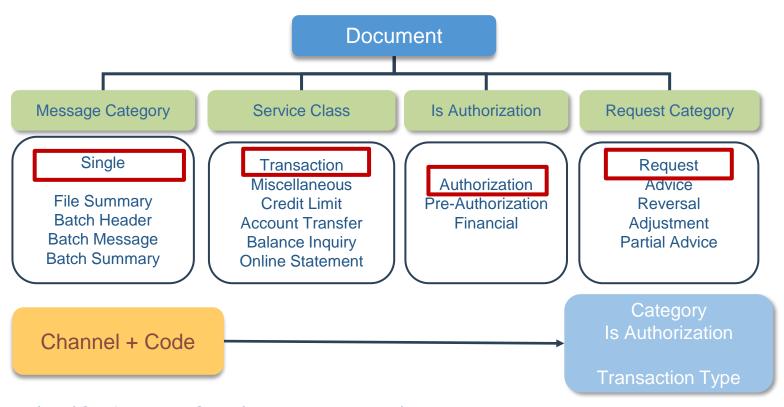


Document parameters

Main Documents Parameters



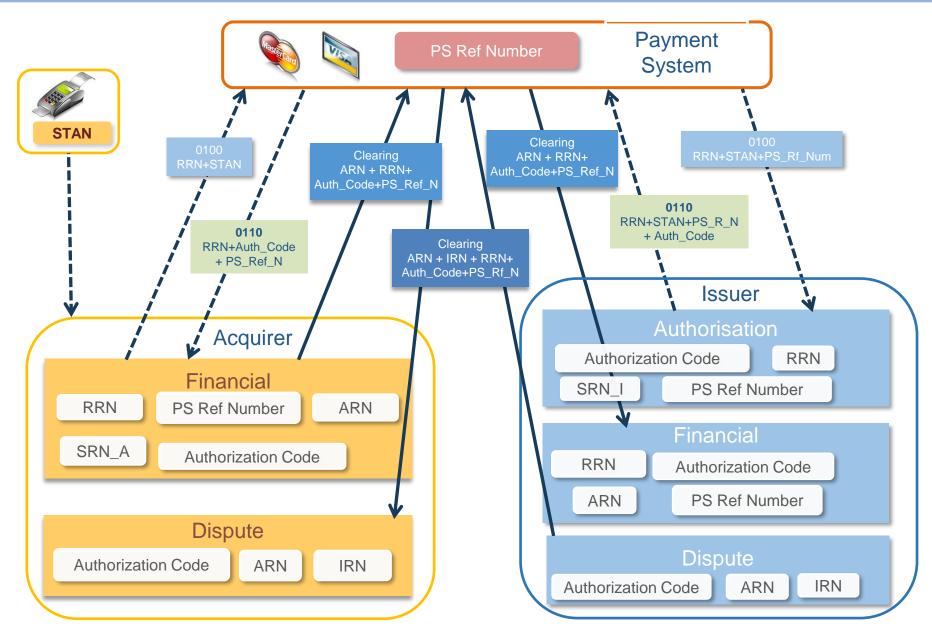
Document Classification



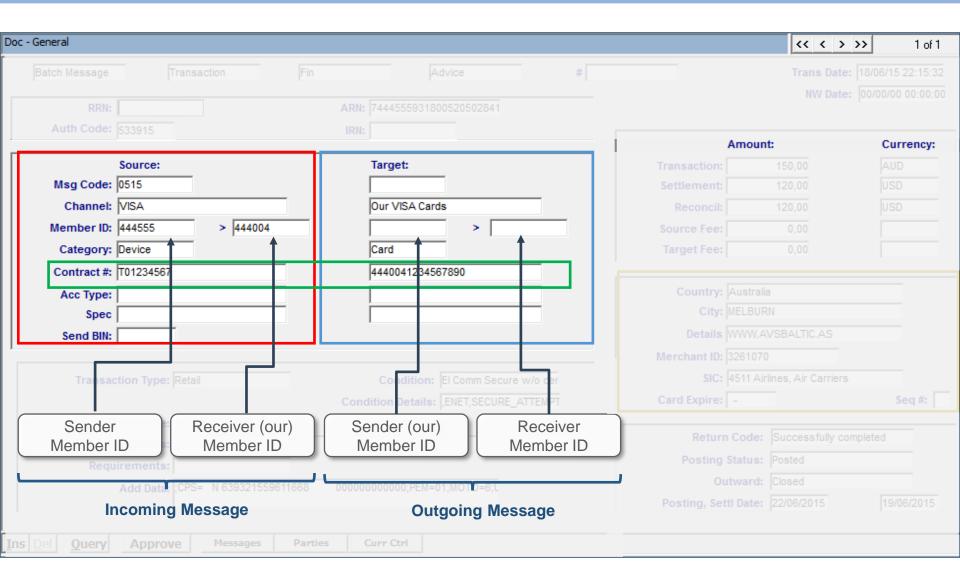
OpenWay\Full\Configuration Setup\Transaction Types\Message Types - All

Channel	Code	Category	Is Authorization	Transaction Type
	01000A	Request	Auth	ATM
	01000B	Request	Auth	Balance Inquiry
	01000C	Request	Auth	Cash
	01000R	Request	Auth	Retail
	01000S	Request	Auth	Mini-Statement

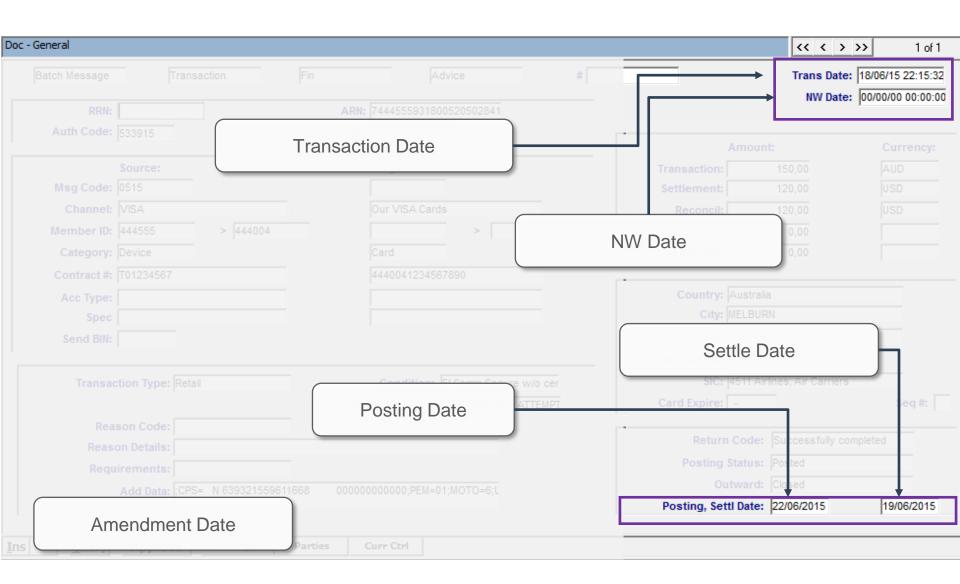
Document Identifiers



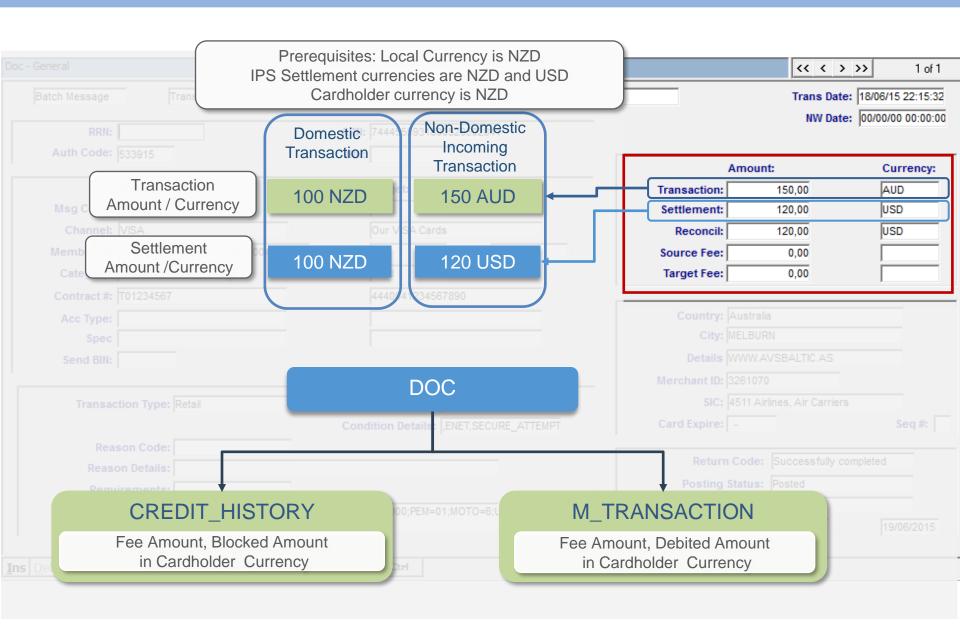
Transaction Counterparties



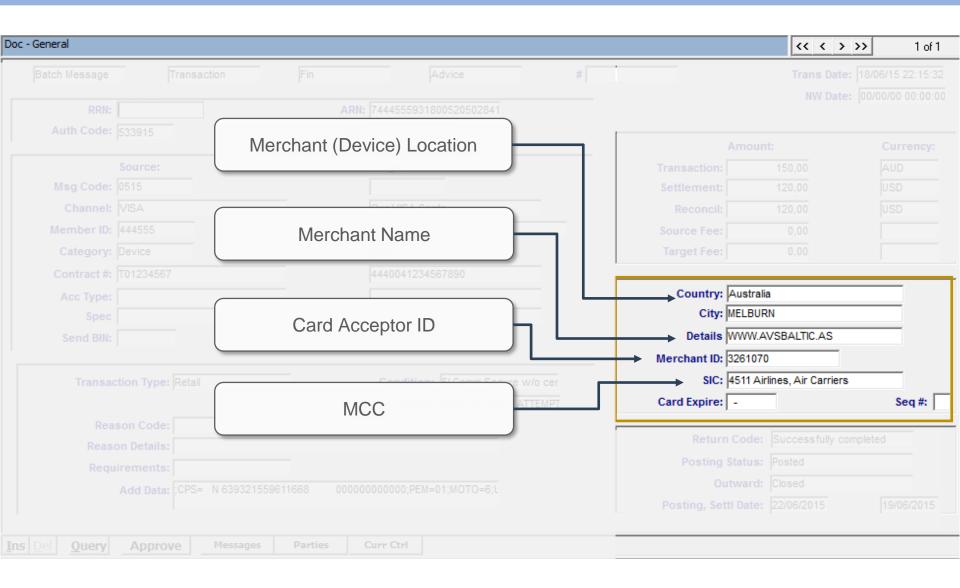
Document Parameters. Dates



Document Parameters. Amounts and Currencies



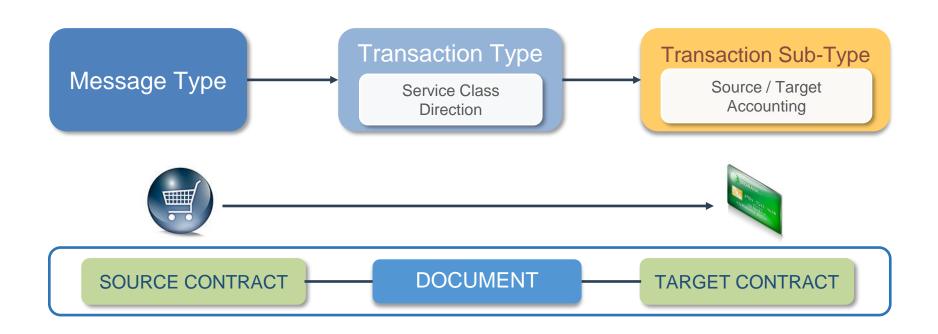
Additional Document Parameters





Transaction Types

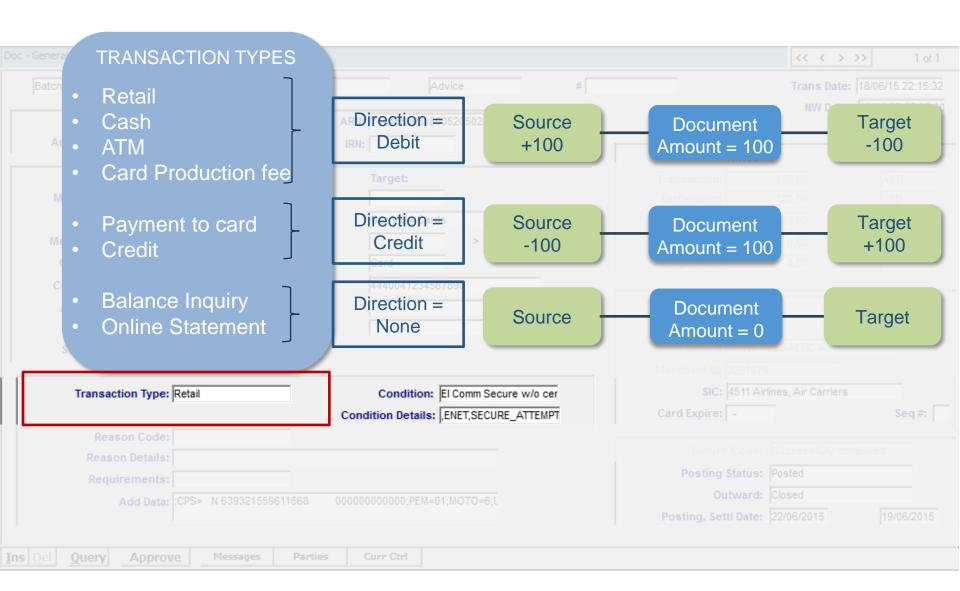
Transaction Types



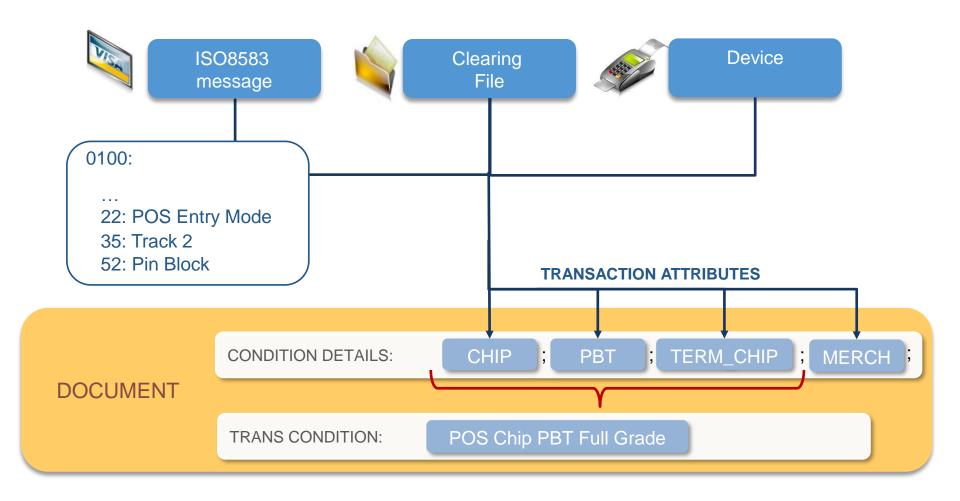
Full → Configuration Setup → Transaction Types

Service Class	Transaction Type	Direction	Source	Target
Transaction	ATM	Debit	IPS Acquiring Contract	Card Contract
Transaction	Retail	Debit	IPS Acquiring Contract	Card Contract

Transaction Types. Funds Movement Direction



Transaction Details



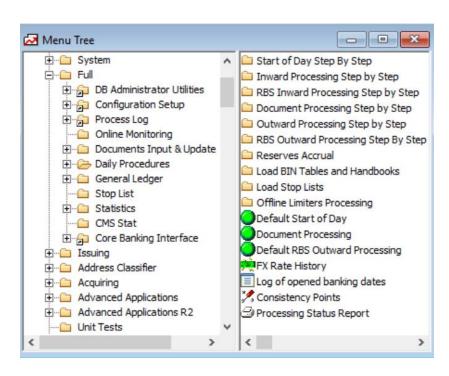
OpenWay\Full\DB Administrator Utilities\!!! STAFF ONLY !!!\Main Dictionaries\Transaction Conditions
OpenWay\Full\DB Administrator Utilities\!!! STAFF ONLY !!!\Main Dictionaries\TransCondition Attributes



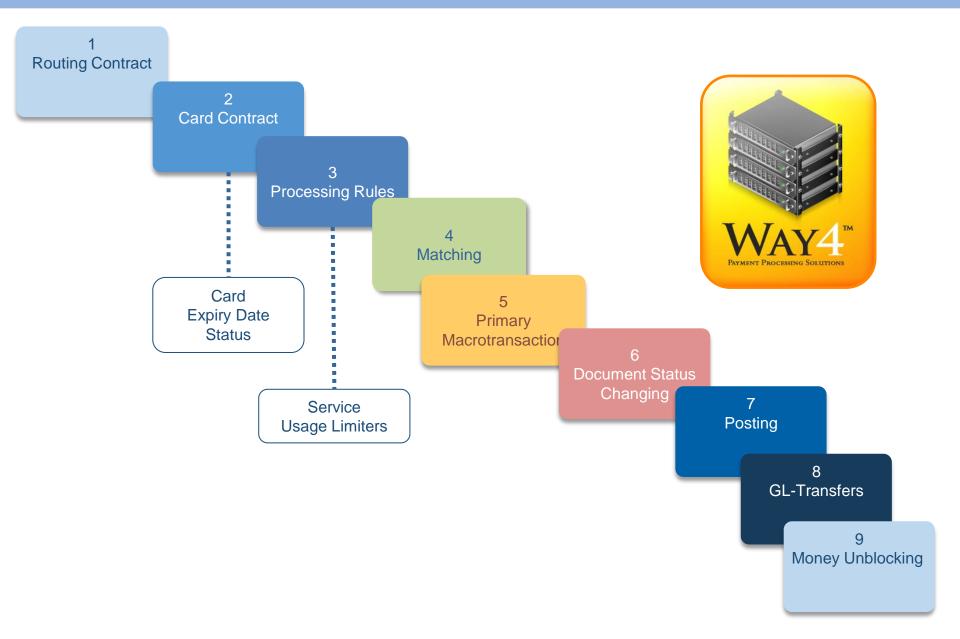
Processing Financial Documents

Document Processing Procedure

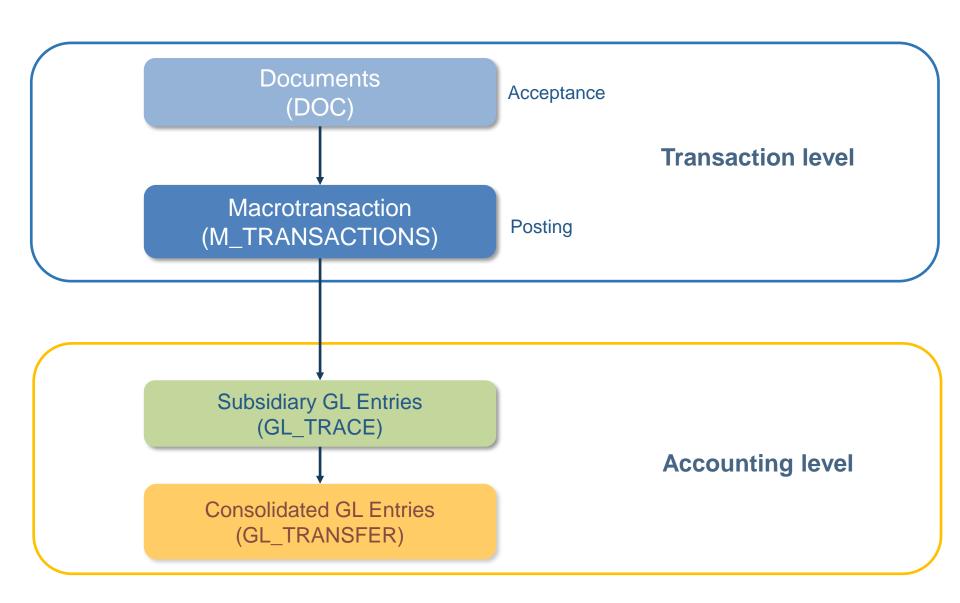
- OpenWay\Full\Daily Procedures\Document Processing
- OpenWay\Full\Daily Procedures\Document Processing Step by Step
 - Accept Documents
 - Posting
 - Apply Buffered Balance
 - Clear Old Pendings
 - Renew When Available Docs



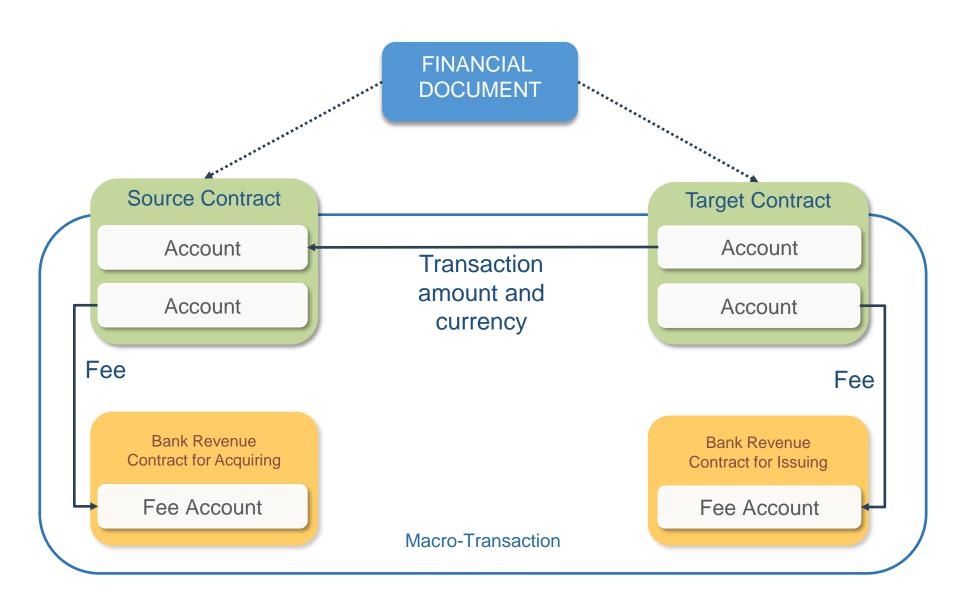
Financial Document Processing



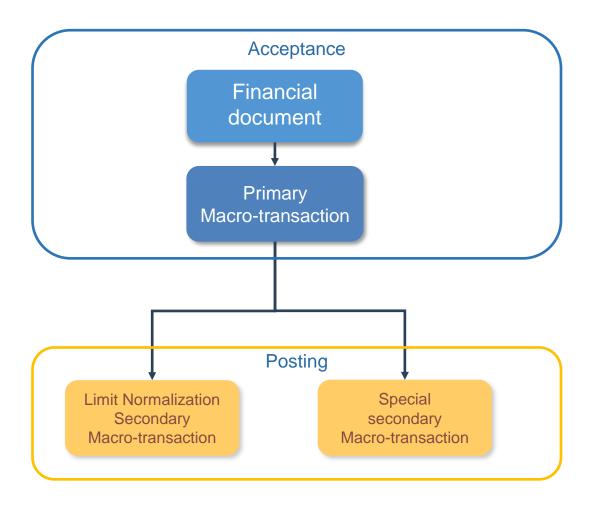
Accounting. 2-level DB-Structure



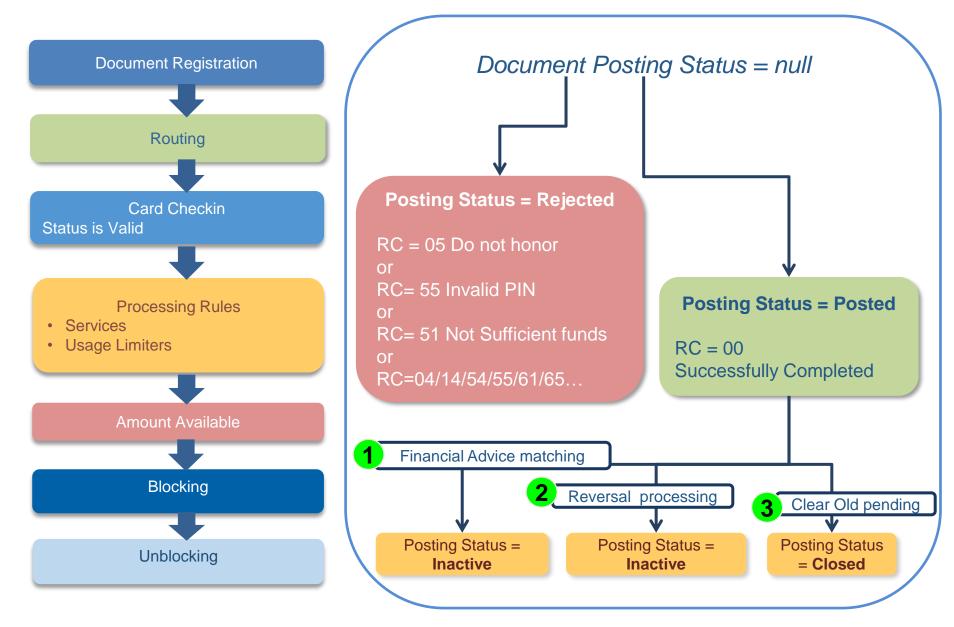
Macro-Transaction



Primary and Secondary Macro-transactions



Authorization Document Statuses

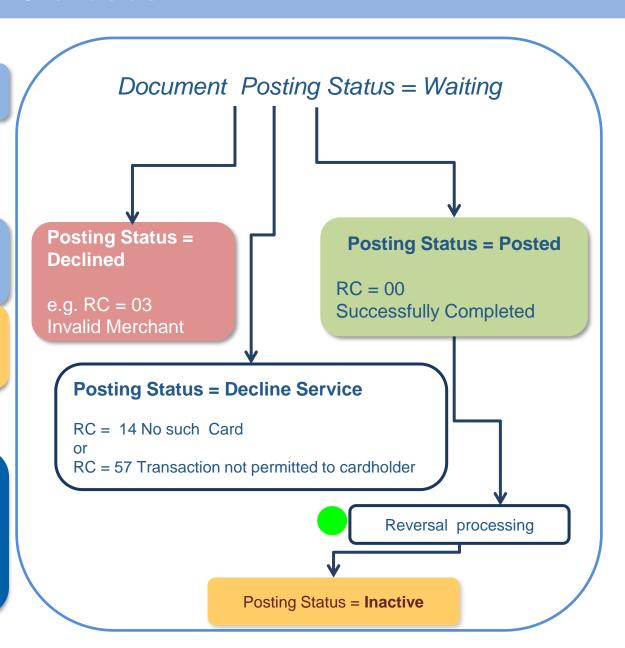


Financial Document Statuses

Document Registration

- Document Processing
 - 1 Acceptance:
 - Checking Document
 - Waiting Macrotransaction Creation

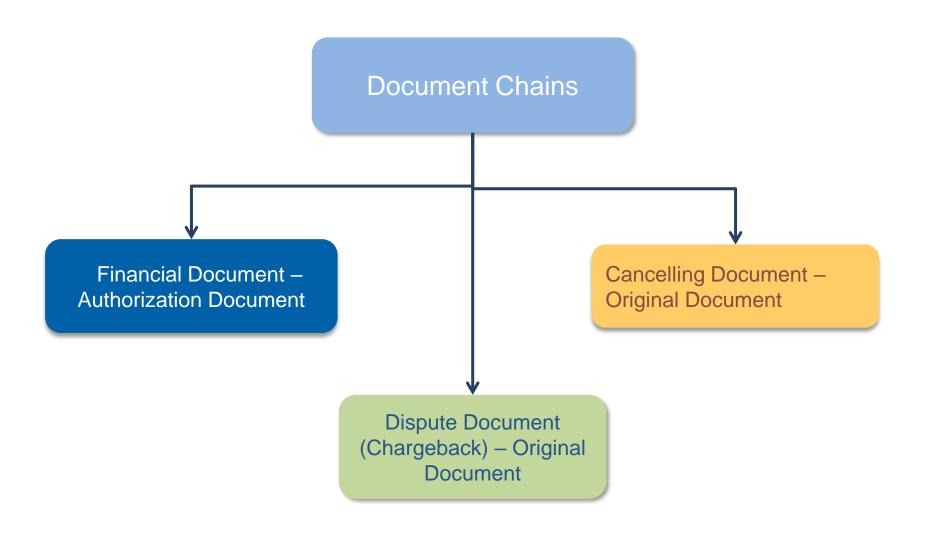
- Posting:
- Macrotransaction Processing
- GL-transfers creation



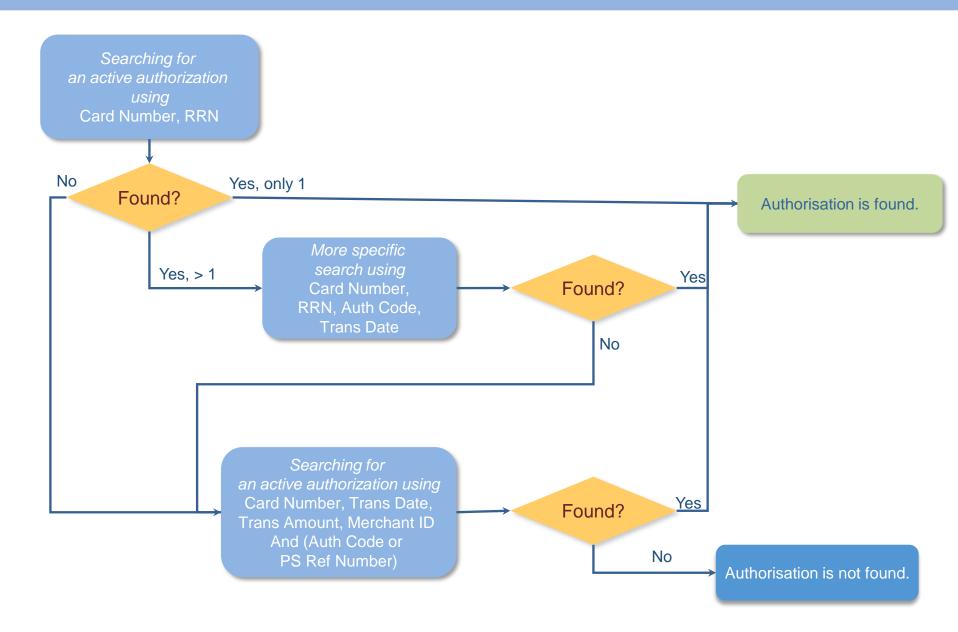


Relations between Documents

Types of Document Chains



Matching Fin + Authorization



Manuals

OW_HOME>\manuals\english\Transaction_management\Documents.pdf

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