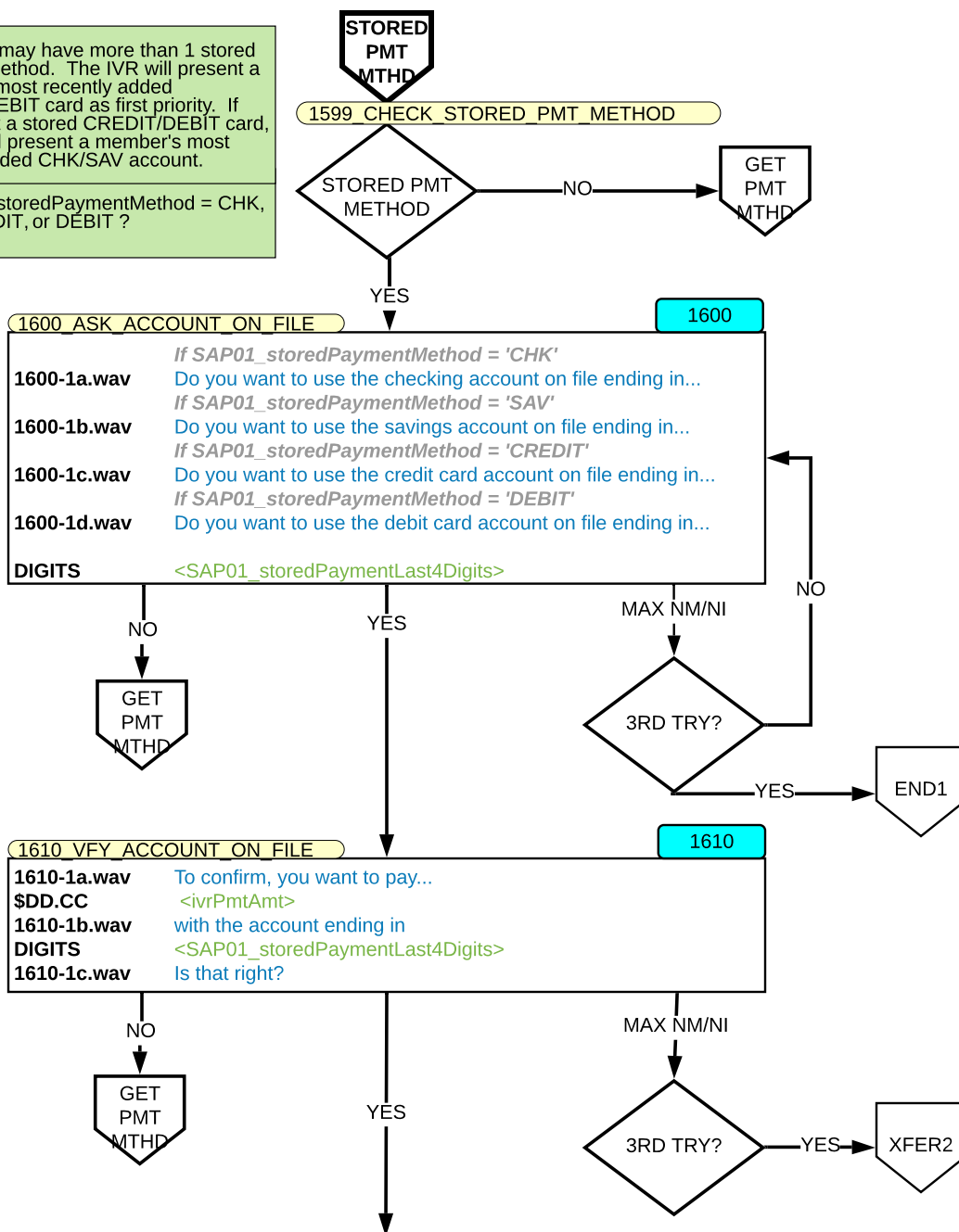


A member may have more than 1 stored payment method. The IVR will present a member's most recently added CREDIT/DEBIT card as first priority. If there is not a stored CREDIT/DEBIT card, the IVR will present a member's most recently added CHK/SAV account.

Is SAP01_storedPaymentMethod = CHK, SAV, CREDIT, or DEBIT ?



Set the IVR Payment Info using the Stored Payment Method that was presented to the caller (CHK, SAV, CREDIT, DEBIT)

Set ivrPmtMethod = SAP01_storedPaymentMethod
Set ivrPmtMethodStored = "X"

If ivrPmtMethod = **CHK** or **SAV**

Set ivrPmtMethodRecurring = SAP01_storedBank_RecurringBank
Set ivrPmtPayerFullName = SAP01_storedBank_Accountholder
Set ivrBankAccountType = SAP01_storedBank_BankAccountType
Set ivrBankKey = SAP01_storedBank_BankKey
Set ivrBankAcct = SAP01_storedBank_BankAcct

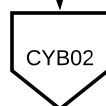
If ivrPmtMethod = **CREDIT** or **DEBIT**

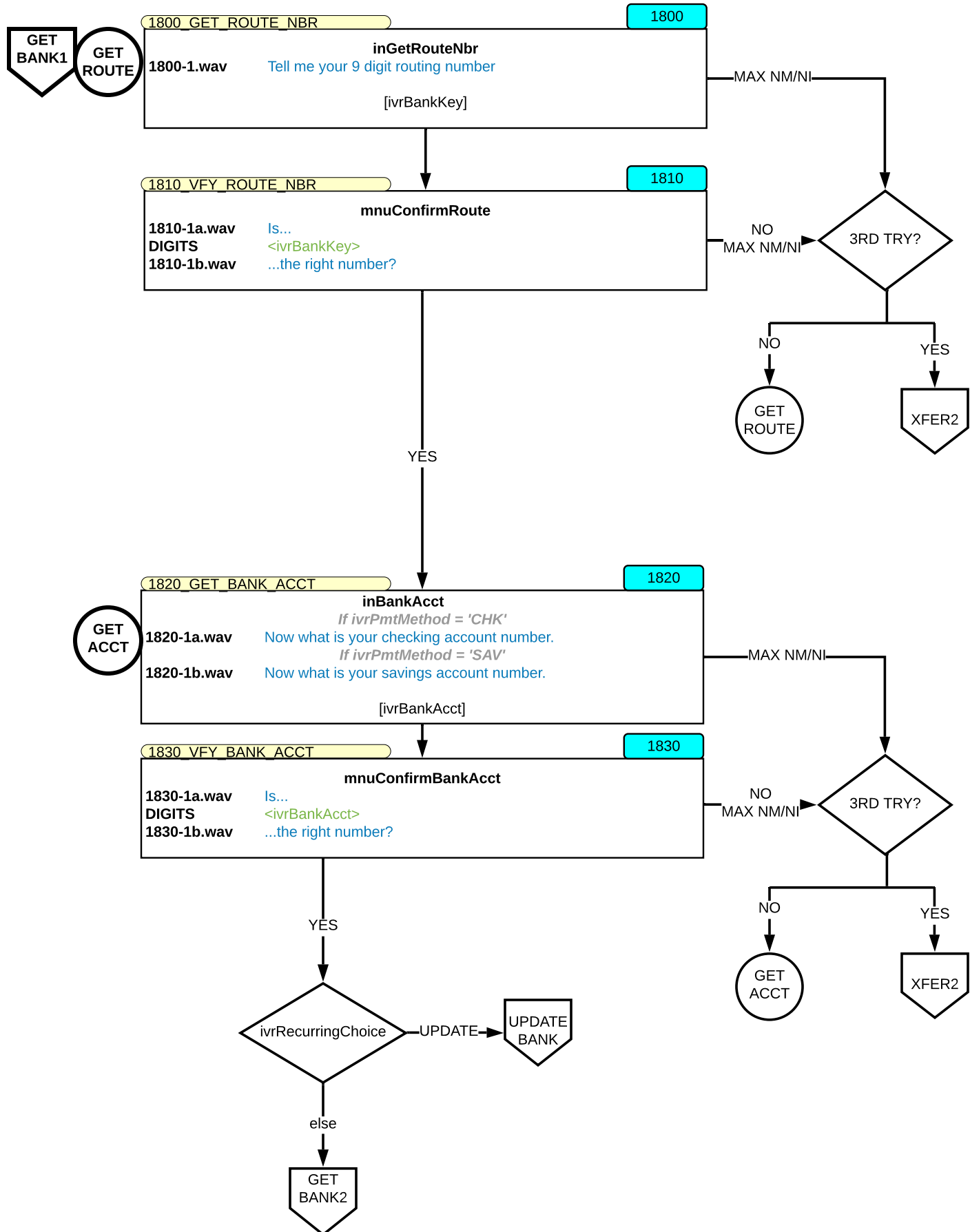
Set ivrPmtMethodRecurring = SAP01_storedCard_Recurring
Set ivrPmtPayerFullName = SAP01_storedCard_Creditcardname
Set ivrCardType = SAP01_storedCard_CardType
Set ivrCardTokenId = SAP01_storedCard_CardNumber
Set ivrCardLast4 = SAP01_storedCard_Last4Digits
Set ivrCardExpiration = SAP01_storedCard_CardExpiration

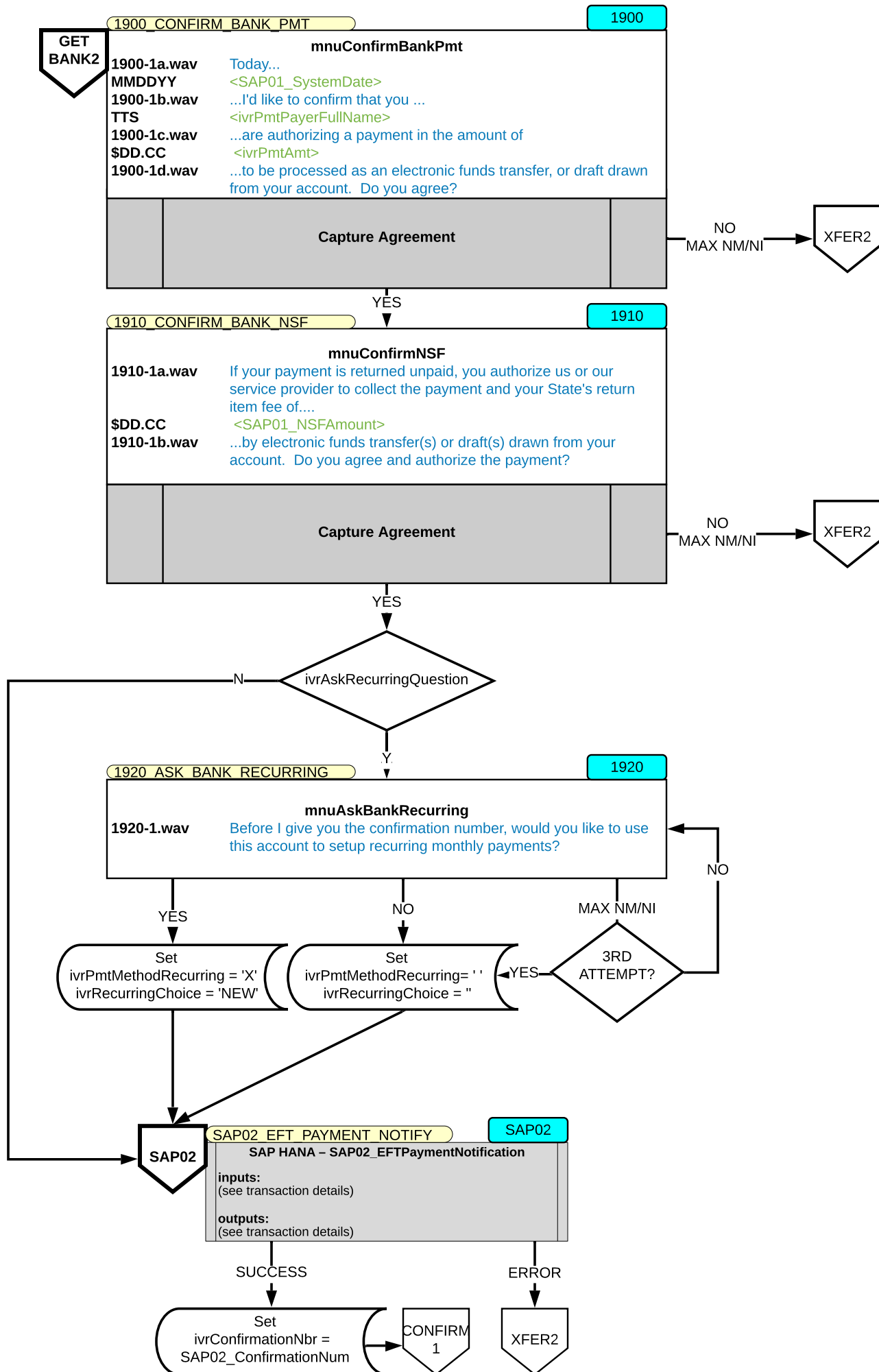
CHK or SAV

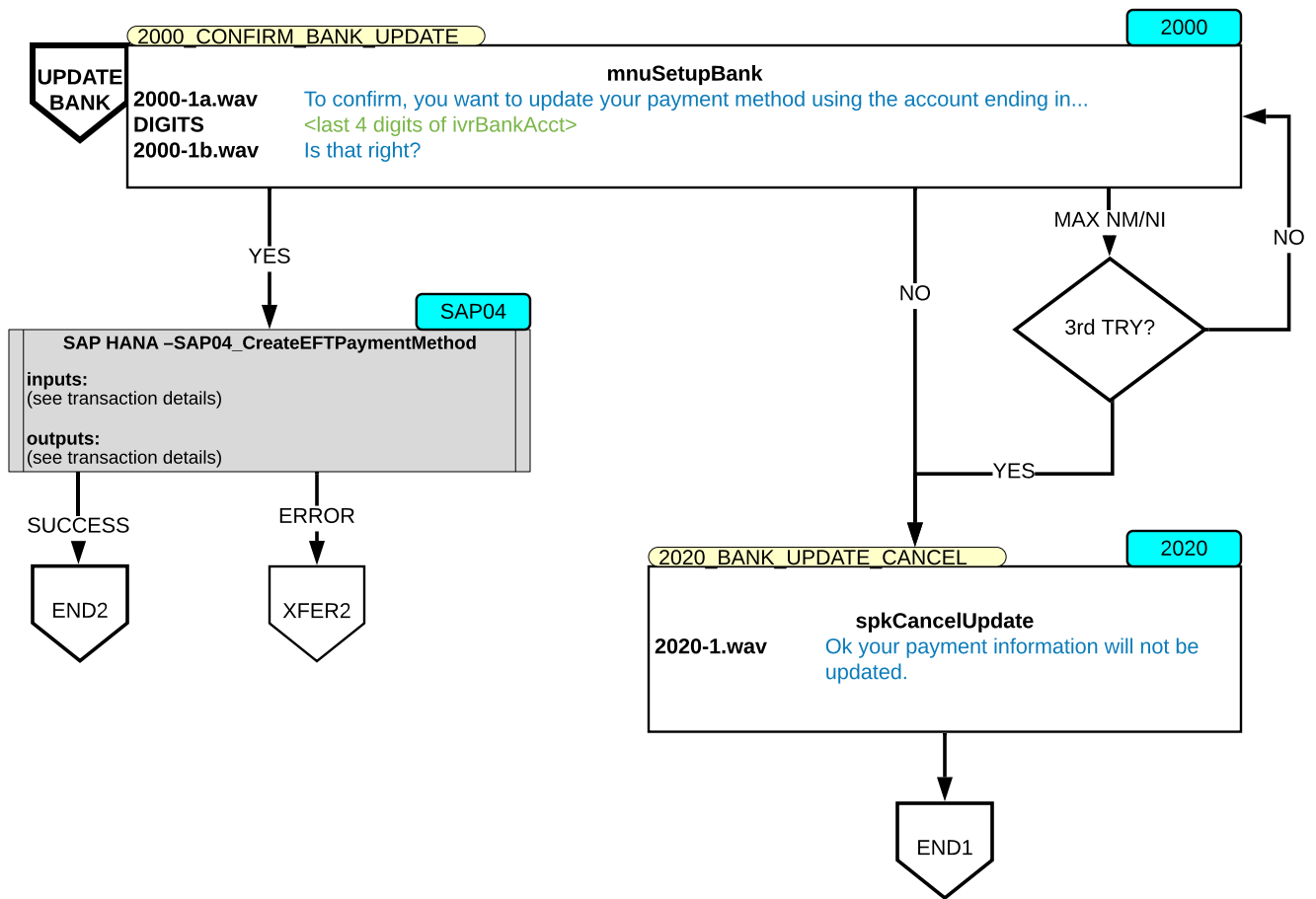


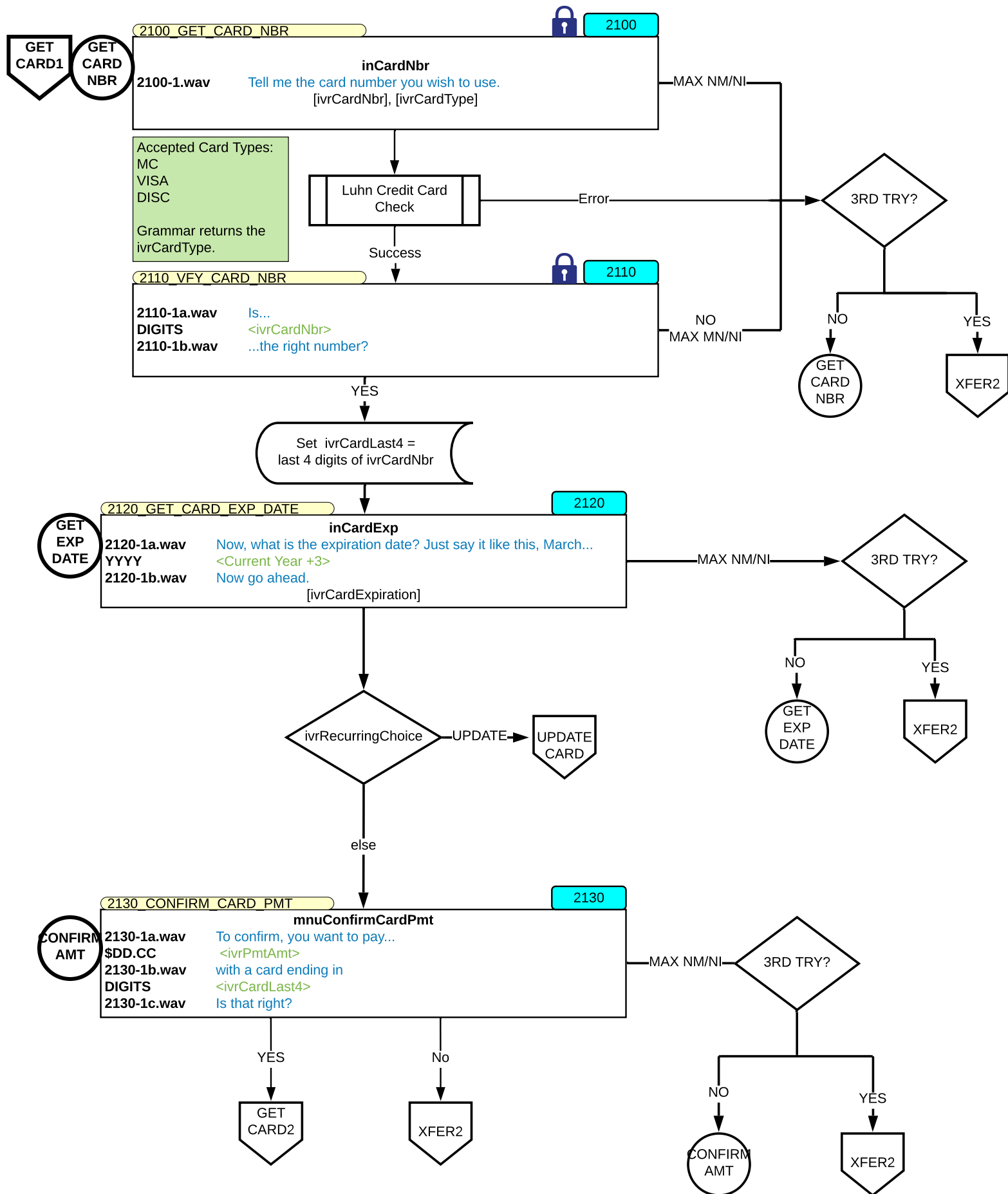
CREDIT or DEBIT

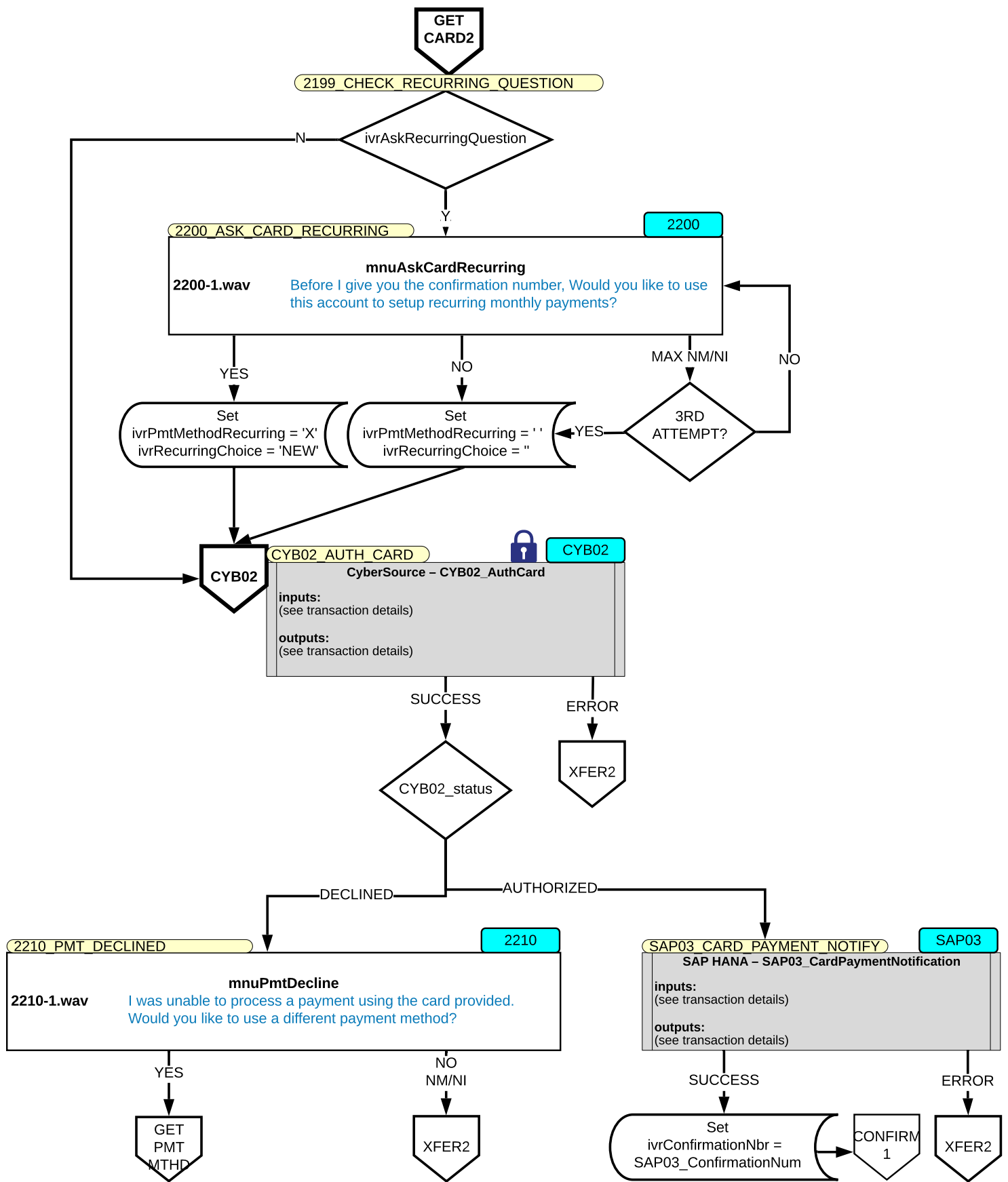


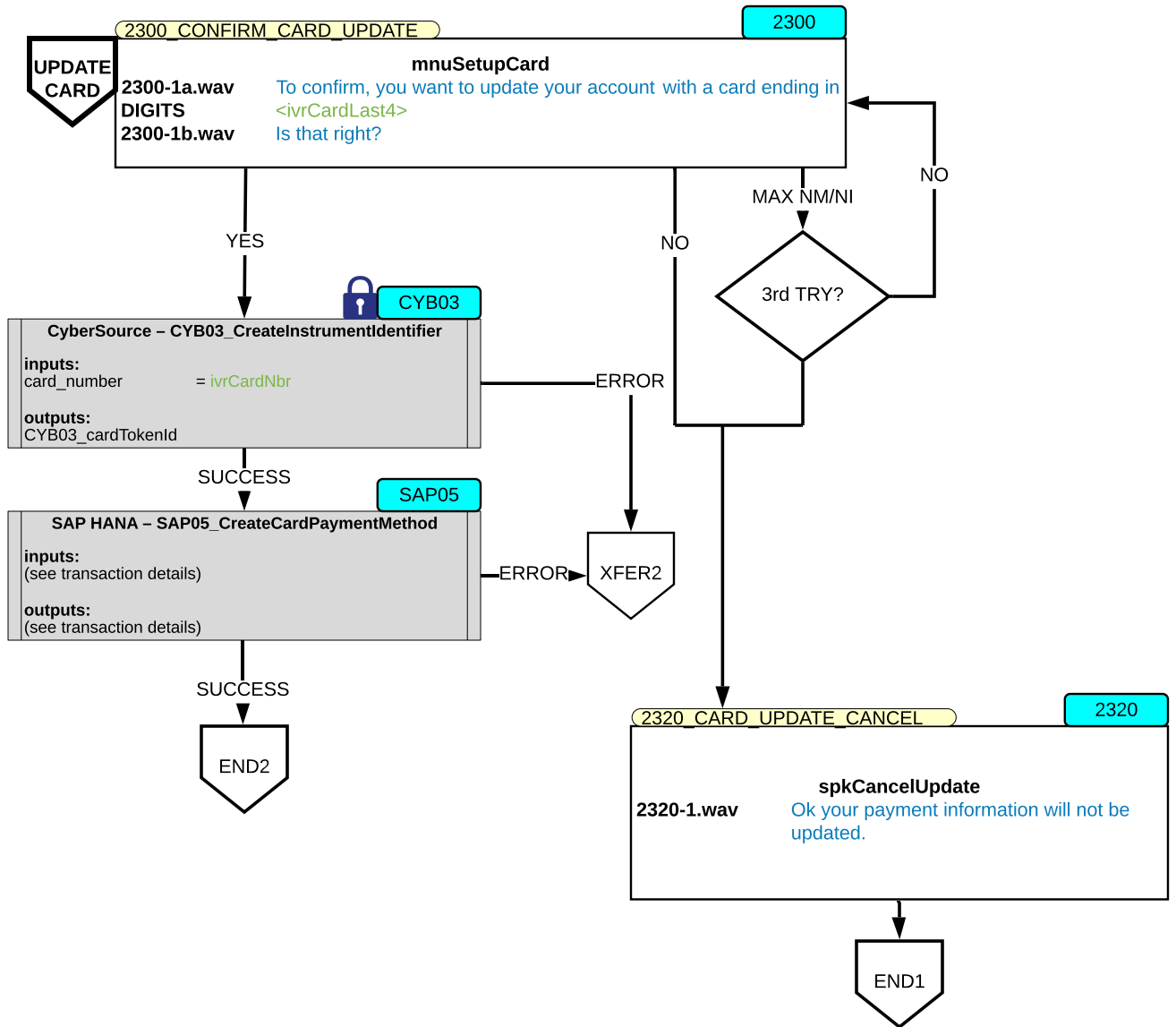


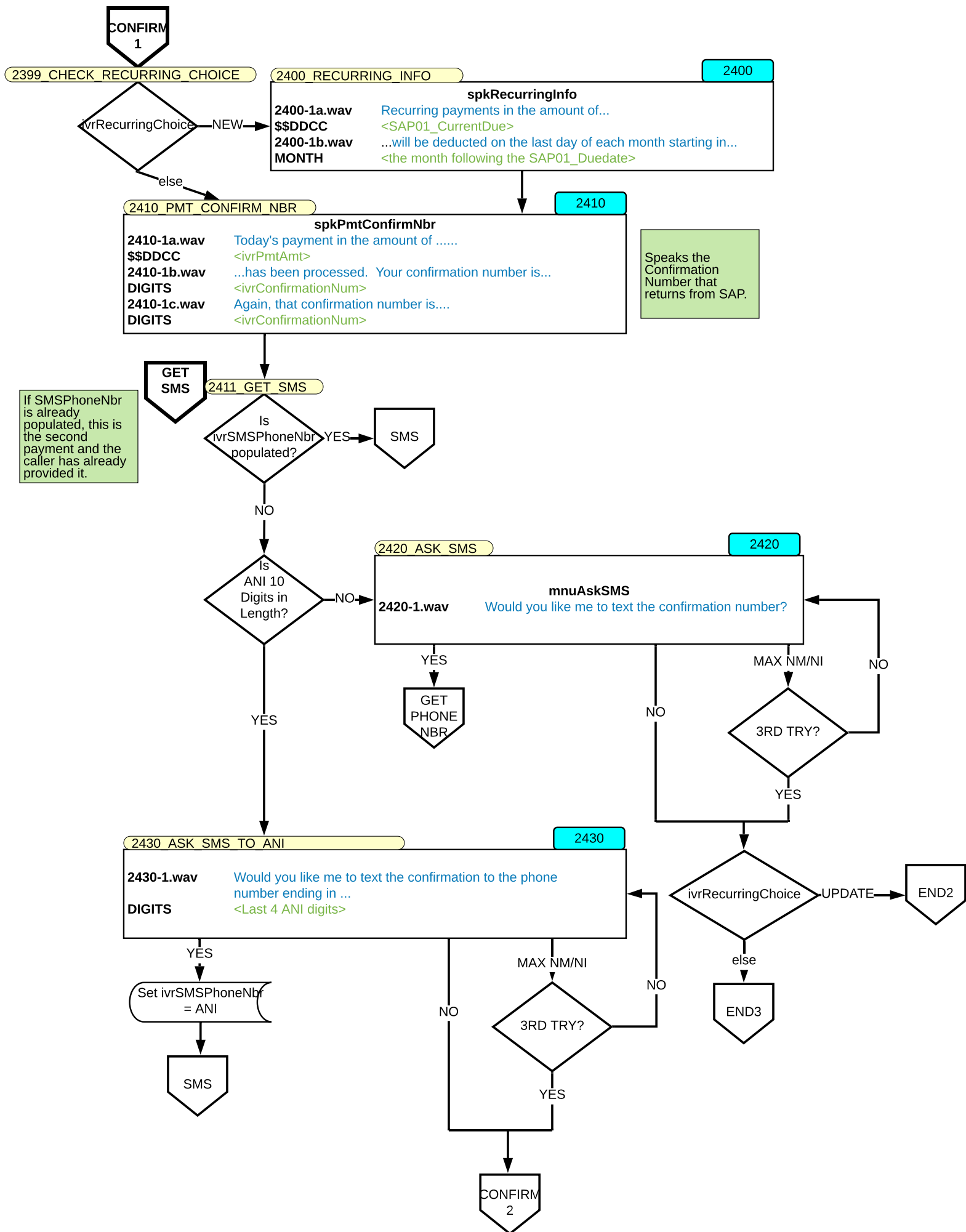


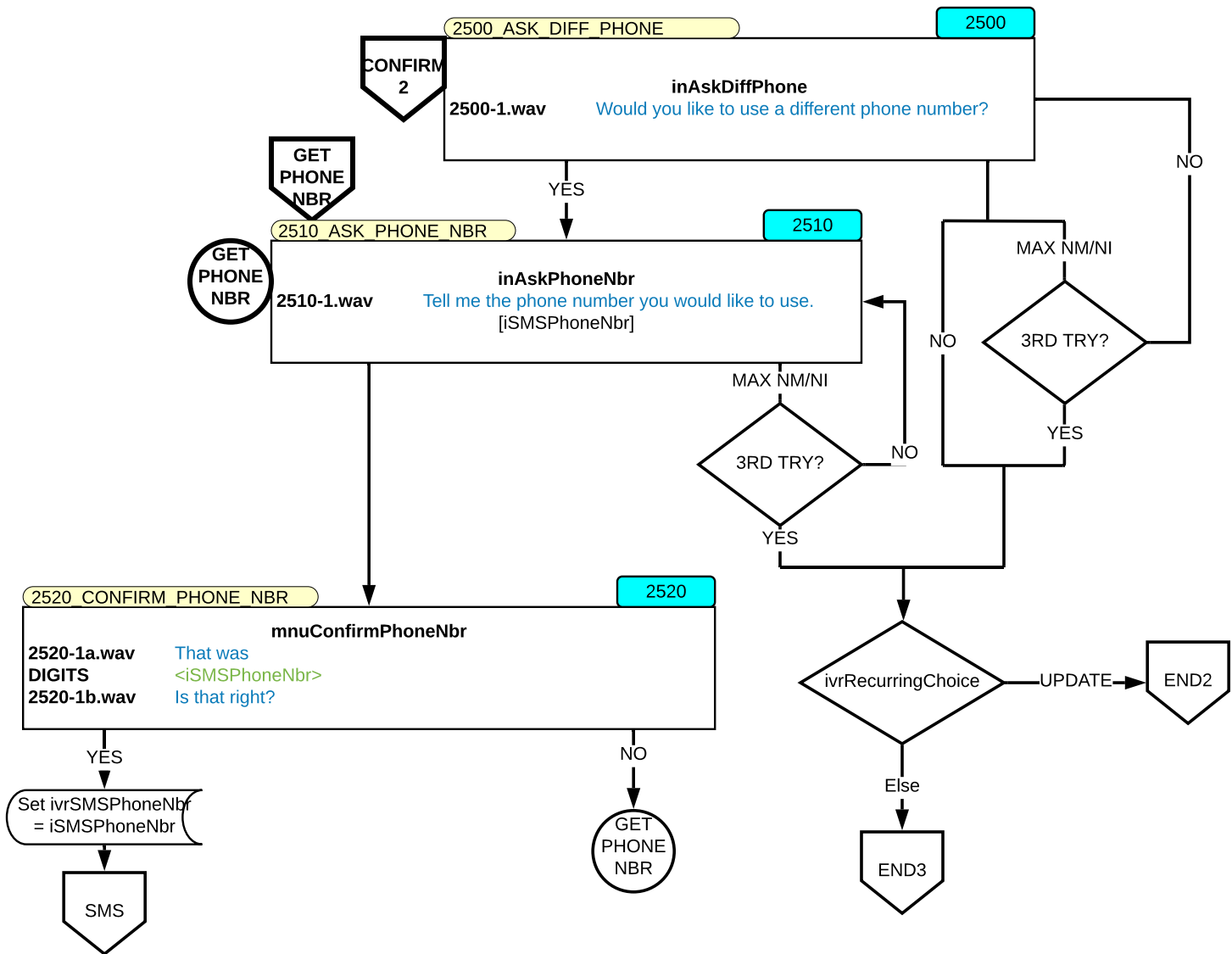


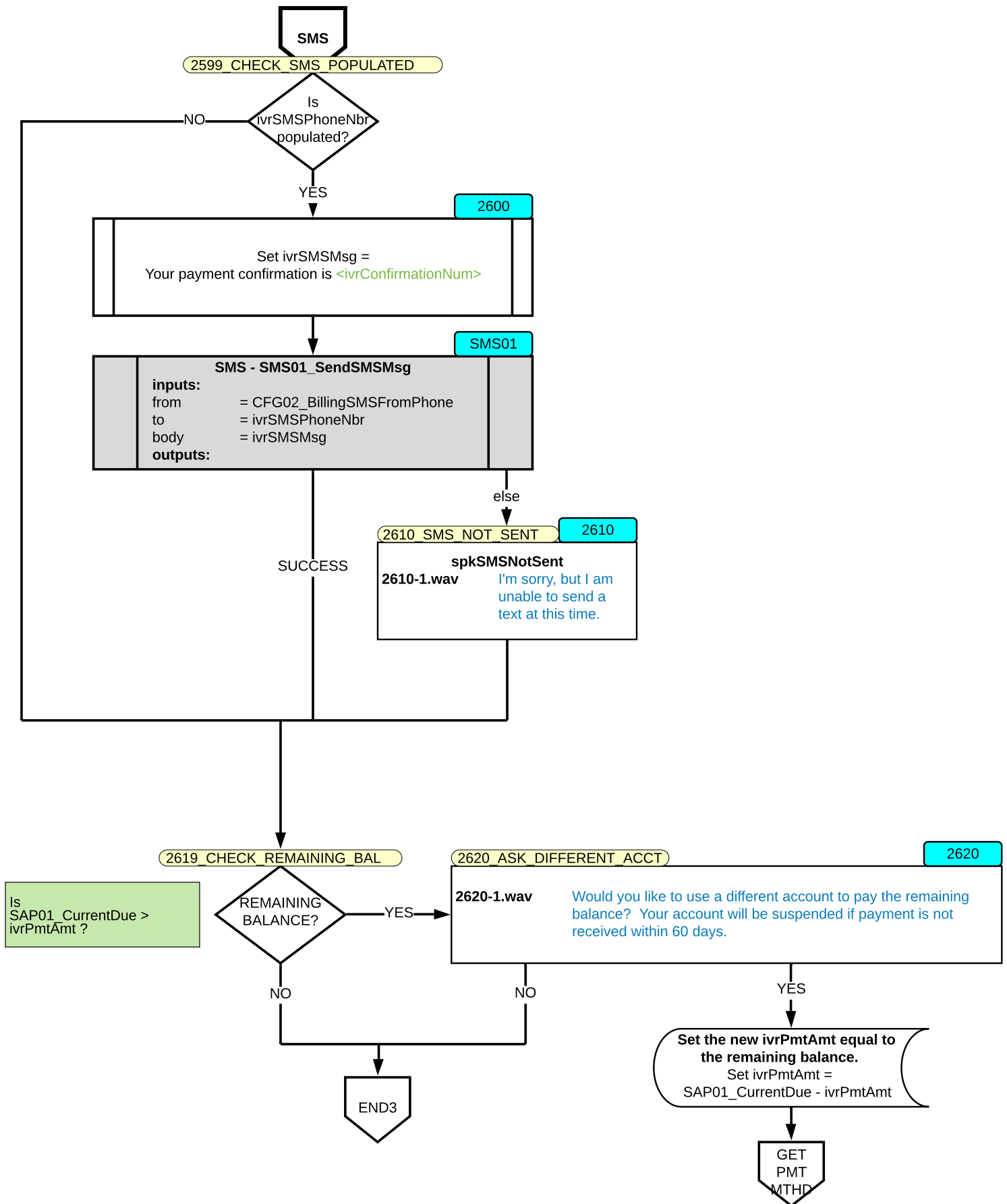


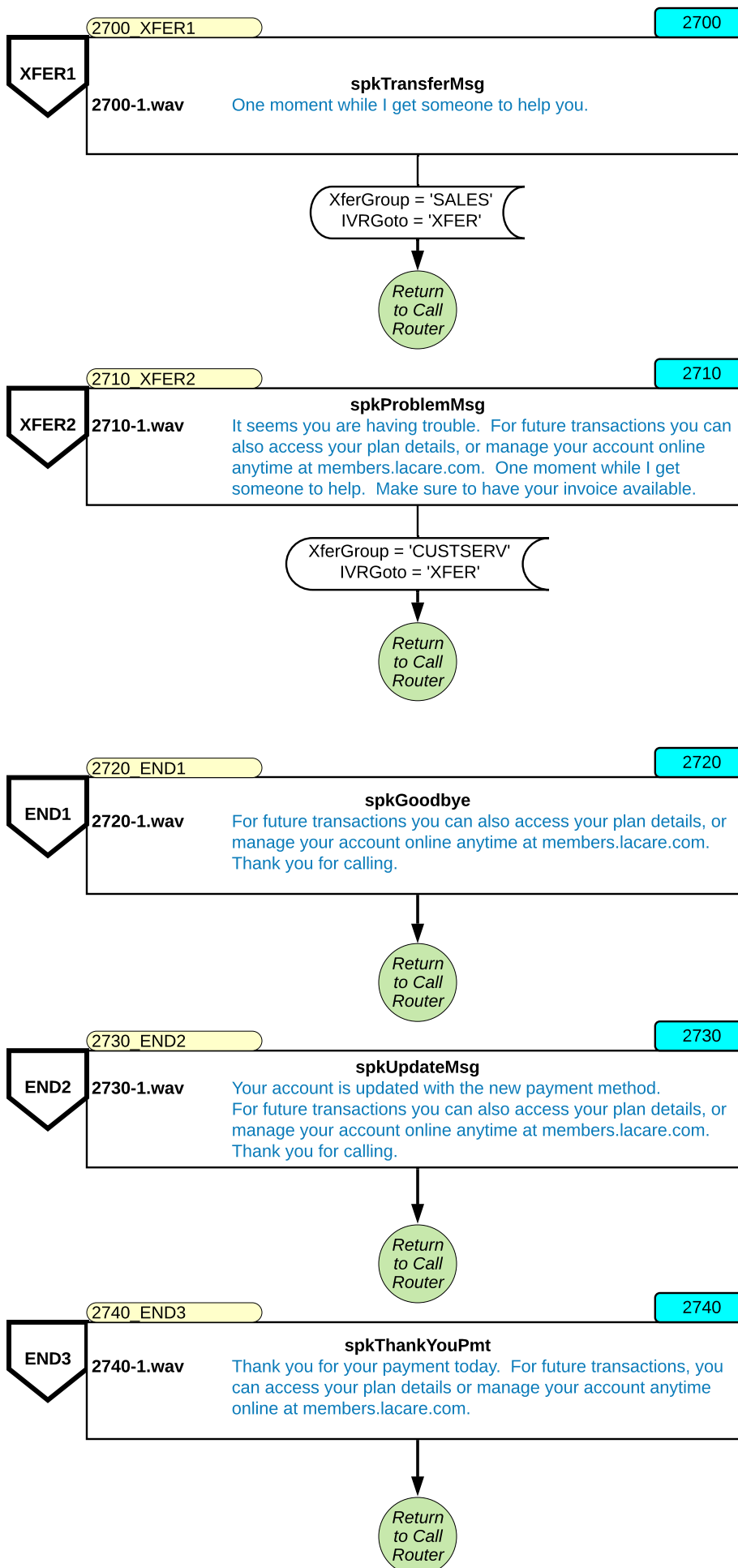












SAP HANA – SAP01_GetMember

/api/SAP/GetMemberPremiumPaymentPortal

inputs:

idnumber = **ilidnumber** The account number or invoice number.
idtype = **ilidtype** Use 'CARRID' for member number. Use 'INVNUM' for invoice number.

outputs:

~ Billing Reference

SAP01_Idtype Id type passed by consuming application
SAP01_Idnumber Id number passed by consuming application
SAP01_Partner FS-CD Business Partner
SAP01_InsObject FS-CD Insurance Object
SAP01_NameLast Member Last Name
SAP01_NameFirst Member First Name
SAP01_SystemDate SAP System Date

~ Enrollment Details

SAP01_Billperiodfrom Plan effective date from Enrollment table

~Billing Details

SAP01_Description Account Status. (i.e. Current, Start Grace Period, Coverage Suspended, Final Grace Period, Terminated)
SAP01_Duedate Due date for the current due
SAP01_PastDue Past Due amount
SAP01_CurrentDue Current due amount
SAP01_NSFAmount NSF fee amount

~ Last Payment

SAP01_ivrLastPaymentStatus Last Payment Status – Paid or Void
SAP01_ivrLastPaymentDate Last Payment Date
SAP01_ivrLastPaymentAmount Last Payment Amount

~ Recurring Payment Method

SAP01_recurringPaymentFlag (derived) Set to Y if there is a recurring card or recurring bank

~ Stored Payment Method

SAP01_storedPaymentMethod Stored Payment Method (CHK, SAV, CREDIT, DEBIT)
SAP01_storedPaymentLast4Digits Last 4 digits of storedBank_BankAcct or storedCard_Last4Digits

SAP01_storedBank_BankKey FSCD Bank Key
SAP01_storedBank_BankAcct FSCD Bank Account Number
SAP01_storedBank_Accountholder Bank account holder name
SAP01_storedBank_BankAccountType Bank account type (CHK, SAV)

SAP01_storedCard_CardNumber Card token number
SAP01_storedCard_CardType Card Institute (001 = VISA, 002 = MC, 004 = DISC.)
SAP01_storedCard_Creditcardname Card account holder name
SAP01_storedCard_CardExpiration Card Expiration. Format is MM/YYYY
SAP01_storedCard_Last4Digits Last four digits of card
SAP01_storedCard_CreditOrDebit Card type (CREDIT, DEBIT) (can be null)

Stored Payment Method logic.

A member may have more than 1 Stored Payment Method on SAP. The IVR will present only 1 of those to the caller. The IVR will present a member's most recently added CREDIT/DEBIT card as first priority. If there is not a stored CREDIT/DEBIT card, the IVR will present a member's most recently added CHK/SAV account.

SAP HANA – SAP02_EFTPaymentNotification		
/api/SAP/HealthXEFTPaymentPortal		
inputs:		
Businesspartner	= SAP01_Partner	Business Partner Id received in Get member details
Insobject	= SAP01_Insobject	Insurance Object received in Get member details
BankKey	= ivrBankKey	Routing number provided by caller
BankAcct	= ivrBankAcct	Bank Account Number provided by Caller
Accountholder	= ivrPmtPayerFullName	Account Holder name provided by Caller
BankAccountType	= ivrBankAccountType	Bank account type provided by caller (CHK or SAV)
RecurringBank	= ivrPmtMethodRecurring	Pseudo Boolean, where X represents true (space is false)
StoredBank	= ivrPmtMethodStored	Pseudo Boolean, where X represents true (space is false)
PaymentAmount	= ivrPmtAmt	Payment Amount provided by caller
outputs:		
SAP02_ConfirmationNum	Payment Confirmation Number	(i.e. 300000000105)

SAP HANA – SAP03_CardPaymentNotification		
/api/SAP/<< TBD >>		
inputs:		
Businesspartner	= SAP01_Partner	Business Partner Id received in Get member details
Insobject	= SAP01_Insobject	Insurance Object received in Get member details
subscriberID	= CYB02_cardTokenId	Payment Token Returned by CyberSource
Type	= ivrCardType	001 = VISA, 002 = MC, 004 = DISC. Determined by grammar at GET CARD NBR
Name	= ivrPmtPayerFullName	
Expiration	= ivrCardExpiration	Format is MM/YYYY
Recurring	= ivrPmtMethodRecurring	Pseudo Boolean, where X represents true (space is false)
Stored	= ivrPmtMethodStored	Pseudo Boolean, where X represents true (space is false)
Last4Digits	= ivrCardLast4	Last 4 digits of Credit Card
Paymentamount	= ivrPmtAmt	Amount paid set in IVR
ReferenceNumber	= CYB02_approvalCode	Cybersource reference Number
outputs:		
SAP03_ConfirmationNum		Payment Confirmation Number (i.e. 300000000105)

SAP HANA – SAP04_CreateEFTPaymentMethod		
/api/SAP/EFTPaymentMethodsPortal		
inputs:		
Businesspartner	= SAP01_Partner	Business Partner Id received in Get member details
Insobject	= SAP01_Insobject	Insurance Object received in Get member details
BankKey	= ivrBankKey	Routing number provided by caller
BankAcct	= ivrBankAcct	Bank Account Number provided by Caller
Accountholder	= ivrPmtPayerFullName	Account Holder name provided by Caller
Bankaccounttype	= ivrBankAccountType	Bank account type provided by caller (CHK or SAV)
RecurringBank	= "X"	Pseudo Boolean, where X represents true (space is false)
StoredBank	= "X"	Pseudo Boolean, where X represents true (space is false)
DeleteBank	= " "	Pseudo Boolean, where X represents true (space is false)
outputs:		
SAP04_ConfirmationNum	Payment Confirmation Number	(i.e. 300000000105)

SAP HANA – SAP05_CreateCardPaymentMethod		
/api/SAP/HealthXCCPaymentPortal		
inputs:		
Businesspartner	= SAP01_Partner	Business Partner Id received in Get member details
Insobject	= SAP01_Insobject	Insurance Object received in Get member details
CardNumber	= CYB03_cardTokenId	Tokenized Card Id. (CyberSource instrument identifier for a credit card.)
CreditcardnameName	= ivrPmtPayerFullName	Credit card account holder name
CardType	= ivrCardType	001 = VISA, 002 = MC, 004 = DISC. Determined by grammar at GET CARD NBR
CardExpiration	= ivrCardExpiration	Format is MM/YYYY
Last4Digits	= ivrCardLast4	Last 4 digits of Credit Card
RecurringCard	= "X"	Pseudo Boolean, where X represents true (space is false)
StoredCard	= "X"	Pseudo Boolean, where X represents true (space is false)
DeleteCard	= " "	Pseudo Boolean, where X represents true (space is false)
outputs:		
SAP05_ConfirmationNum	Payment Confirmation Number	(i.e. 300000000105)

CyberSource – CYB02_AuthCard		
Input a card_tokenId <u>or</u> a card_number.		
inputs:		
clientReference_code	= IVR.sessionid+"-" +paymentCount	A unique value for each card transaction. Concatenate sessionid and payment count.
card_tokenId	= <i>ivrCardTokenId</i>	Tokenized Card Id. (CyberSource instrument identifier for a credit card.)
card_number	= <i>ivrCardNbr</i>	Customer's actual credit card number.
card_expirationMonth	= <i>ivrCardExpMM</i>	Two-digit month in which the credit card expires. Format: MM
card_expirationYear	= <i>ivrCardExpYYYY</i>	Four-digit year in which the credit card expires. Format: YYYY
totalAmount	= <i>ivrPmtAmt</i>	Payment Amount provided by caller. Format (include decimal): NN.NN
first_name	=	
last_name	=	
actionTokenizeFlag	= true	If true, the cardTokenId is returned in the output.
outputs:		
CYB02_submitTimeUtc		Time of request in UTC. Format: YYYY-MM-DDThh:mm:ssZ
CYB02_id		A unique identification number to identify the submitted request
CYB02_status		The status of the submitted transaction. Including: AUTHORIZED
CYB02_approvalCode		Authorization code. Numeric.
CYB02_responseCode		For most processors, this is the error message sent directly from the bank.
CYB02_errorReason		Additional error reason code that further describes the status.
CYB02_errorMessage		The detail message related to the status and errorReason.
CYB02_cardTokenId		The Id of the Instrument Identifier Token (for the tokenized card).

Pos
 .AUT
 .PAR
 .AUT
 .AUT
 .PEN
 .PEN
 .DEC
 .INV
 .SER

CyberSource – CYB03_CreateInstrumentIdentifier		
Input a card number and receive an instrumentIdentifier.		
inputs:		
card_number	= <i>ivrCardNbr</i>	Customer's actual credit card number.
outputs:		
CYB03_cardTokenId		The Id of the Instrument Identifier Token (for the tokenized card).