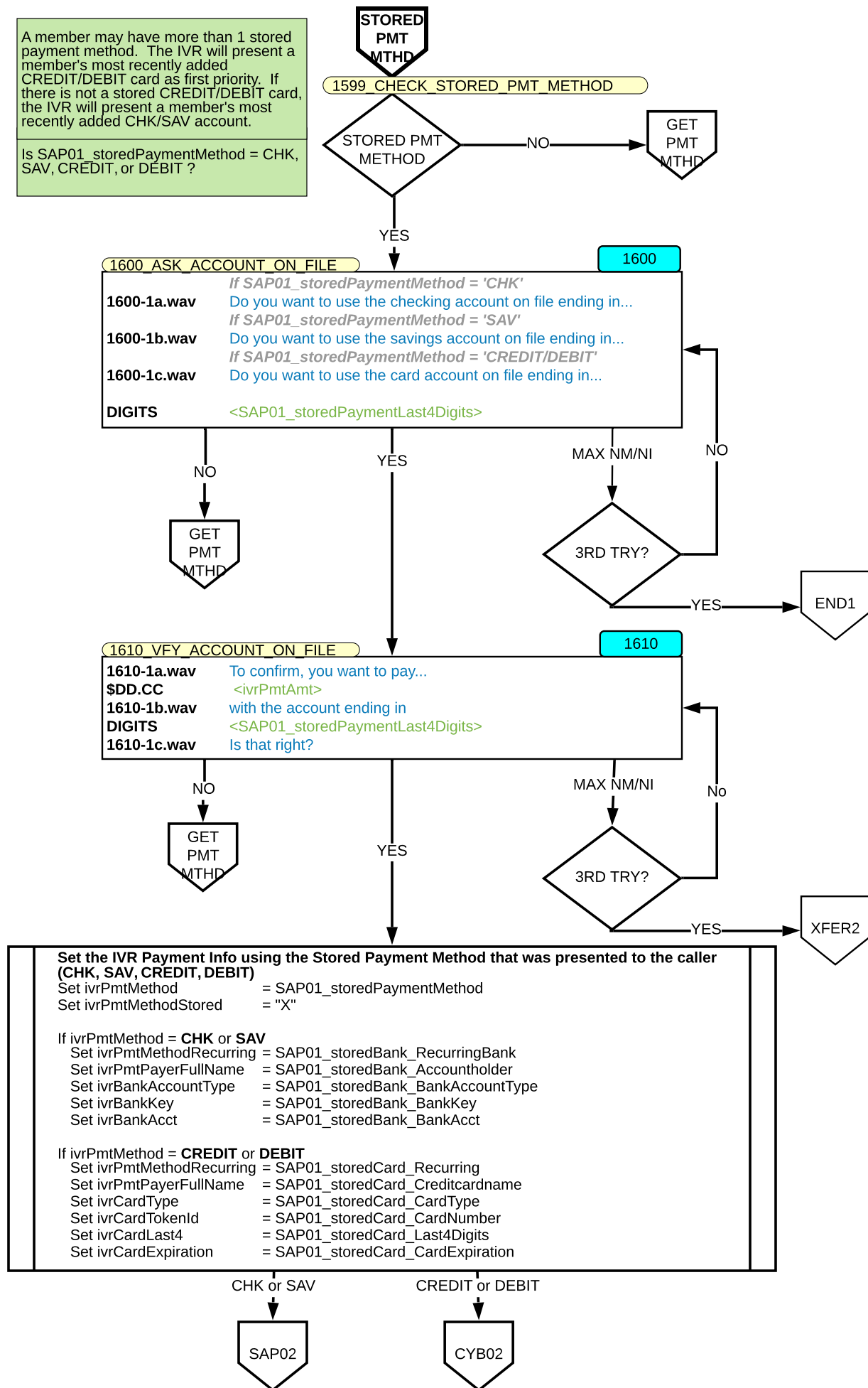
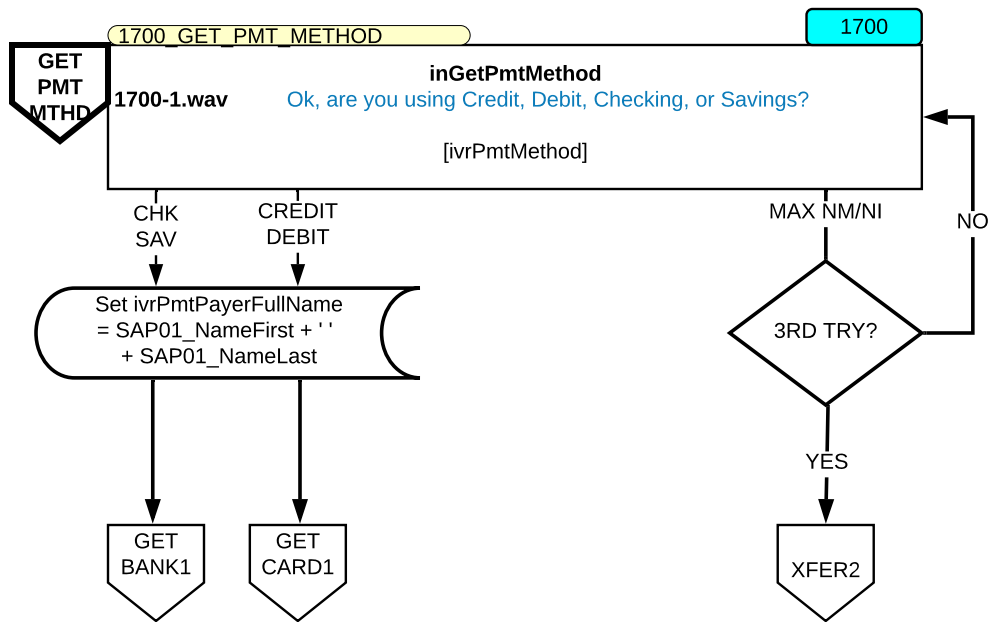
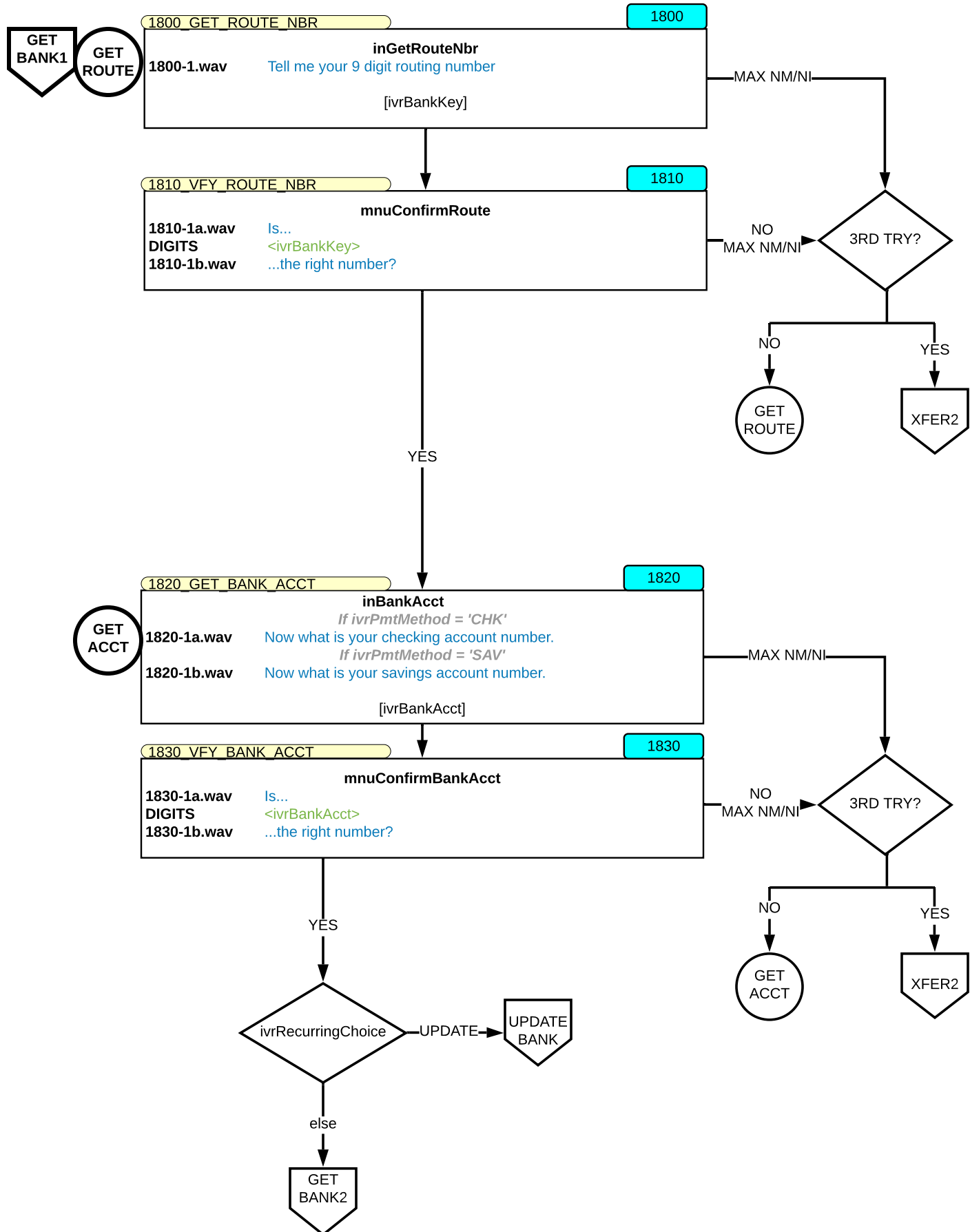


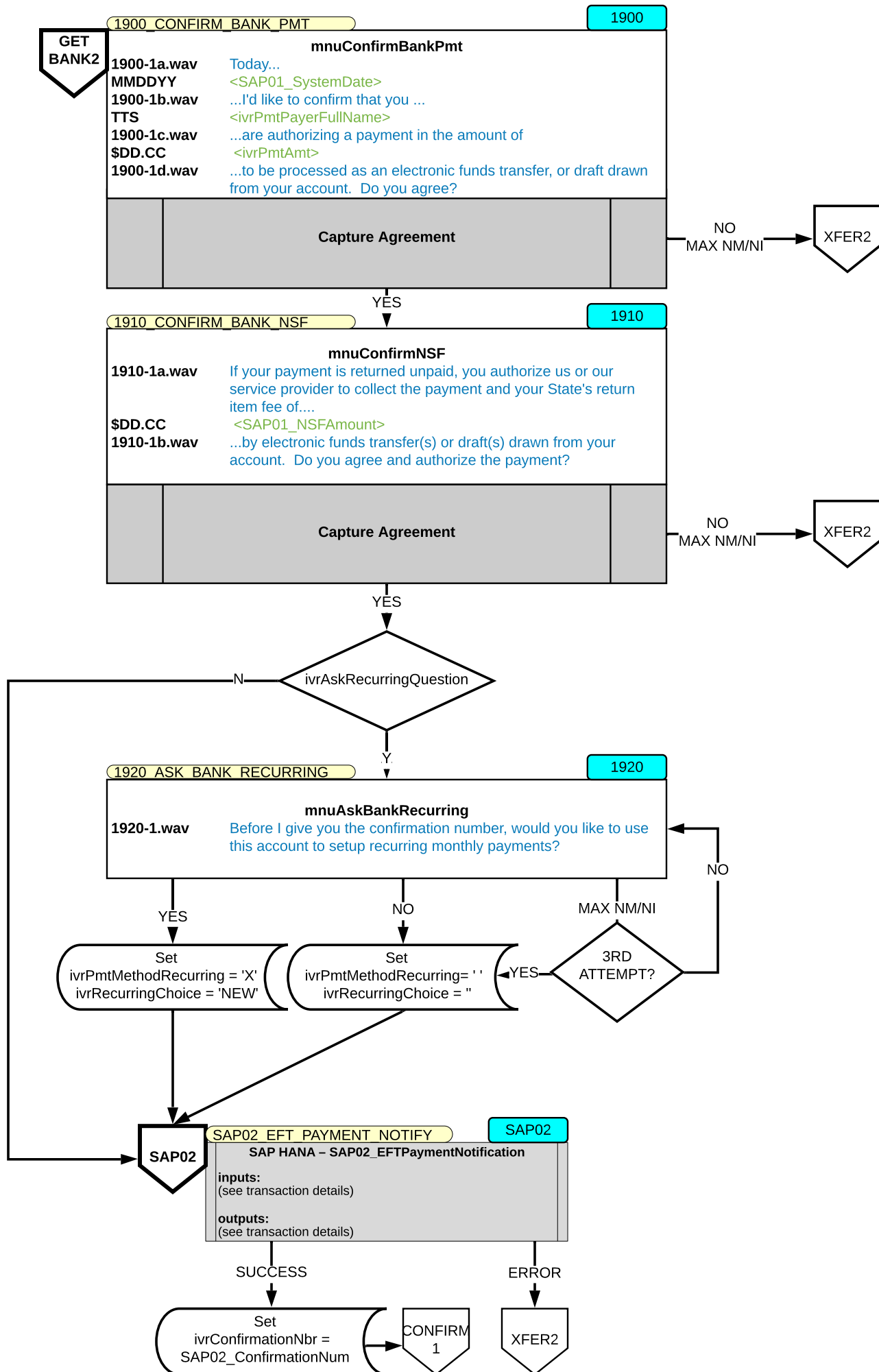
A member may have more than 1 stored payment method. The IVR will present a member's most recently added CREDIT/DEBIT card as first priority. If there is not a stored CREDIT/DEBIT card, the IVR will present a member's most recently added CHK/SAV account.

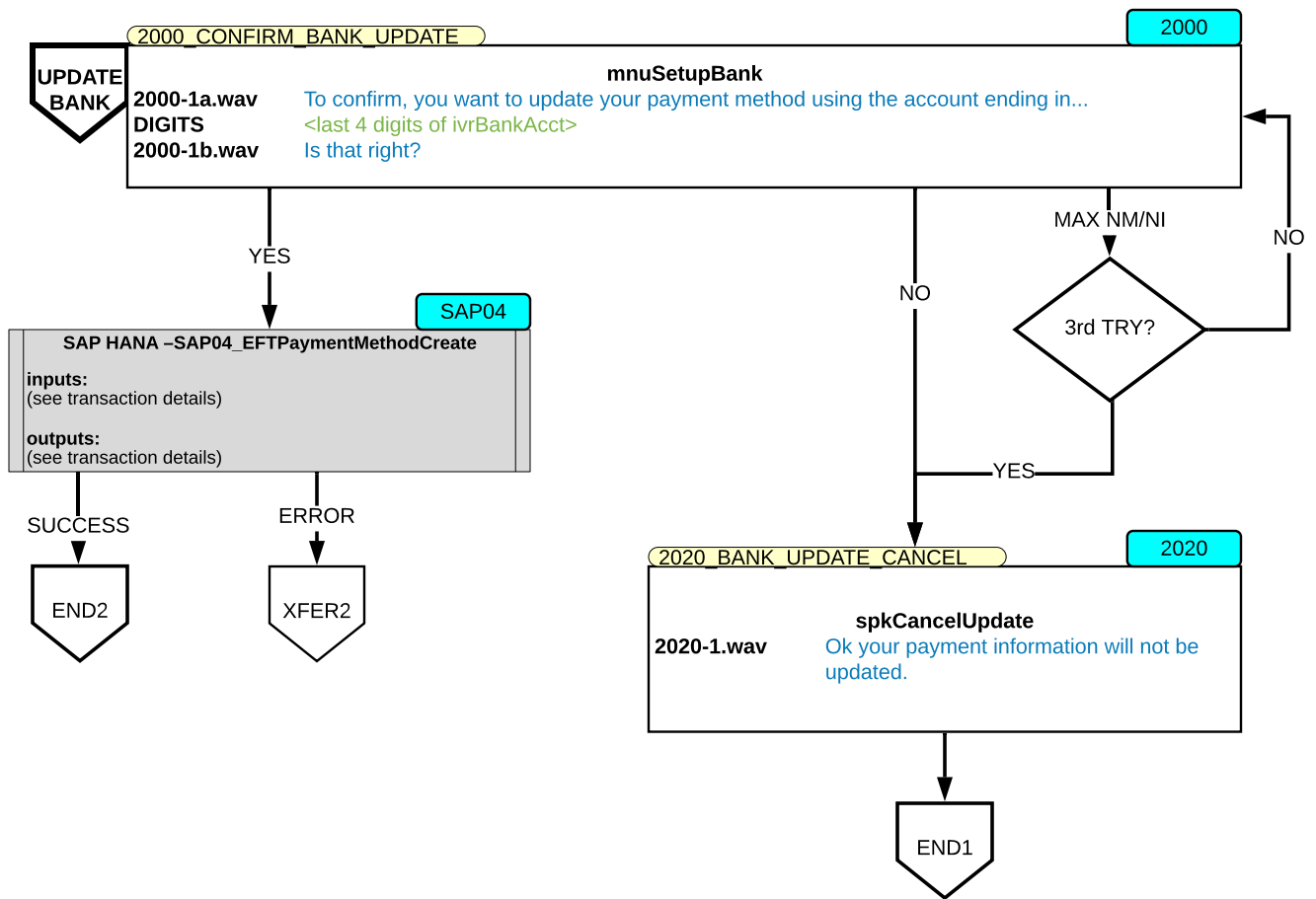
Is SAP01_storedPaymentMethod = CHK, SAV, CREDIT, or DEBIT ?

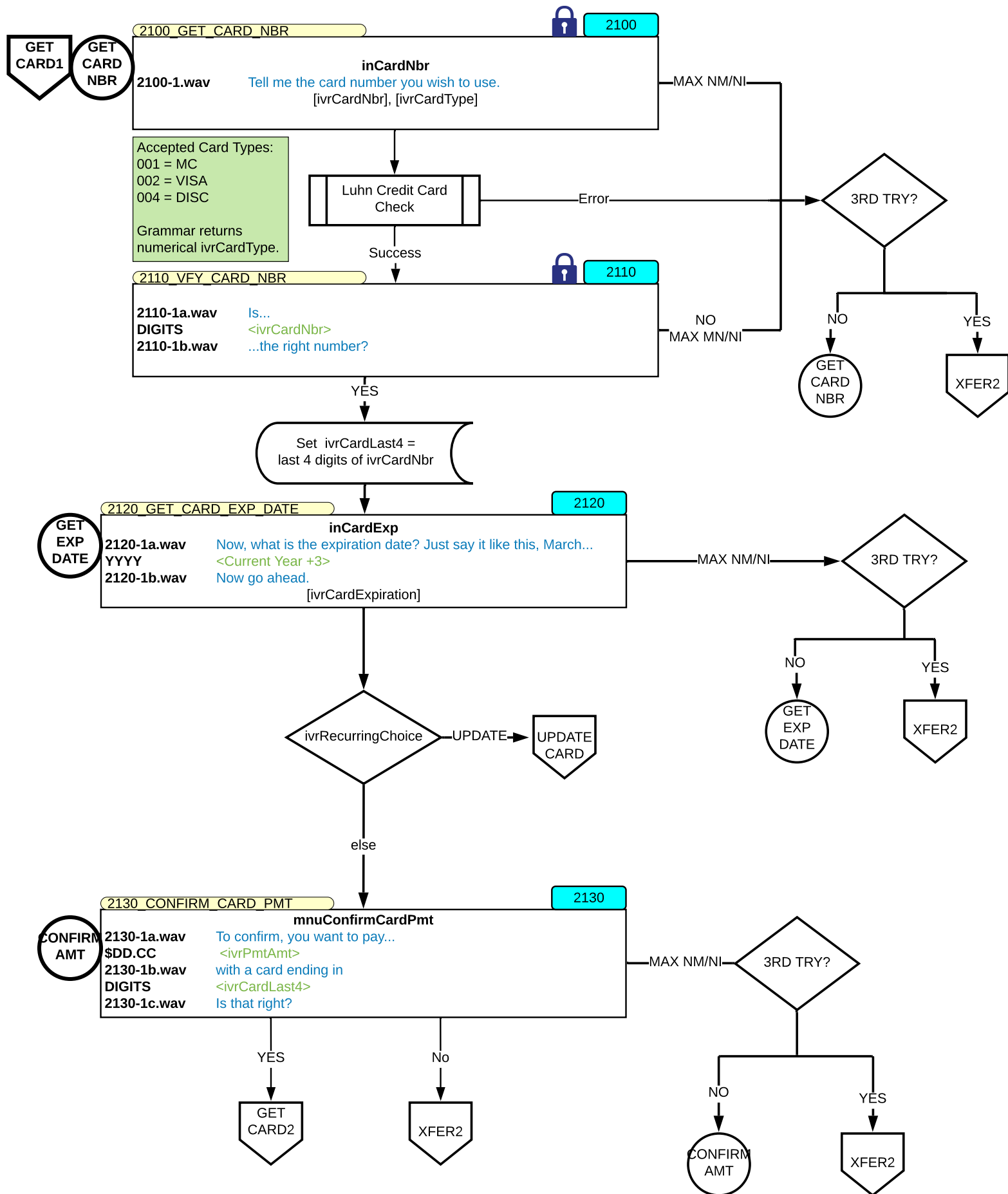


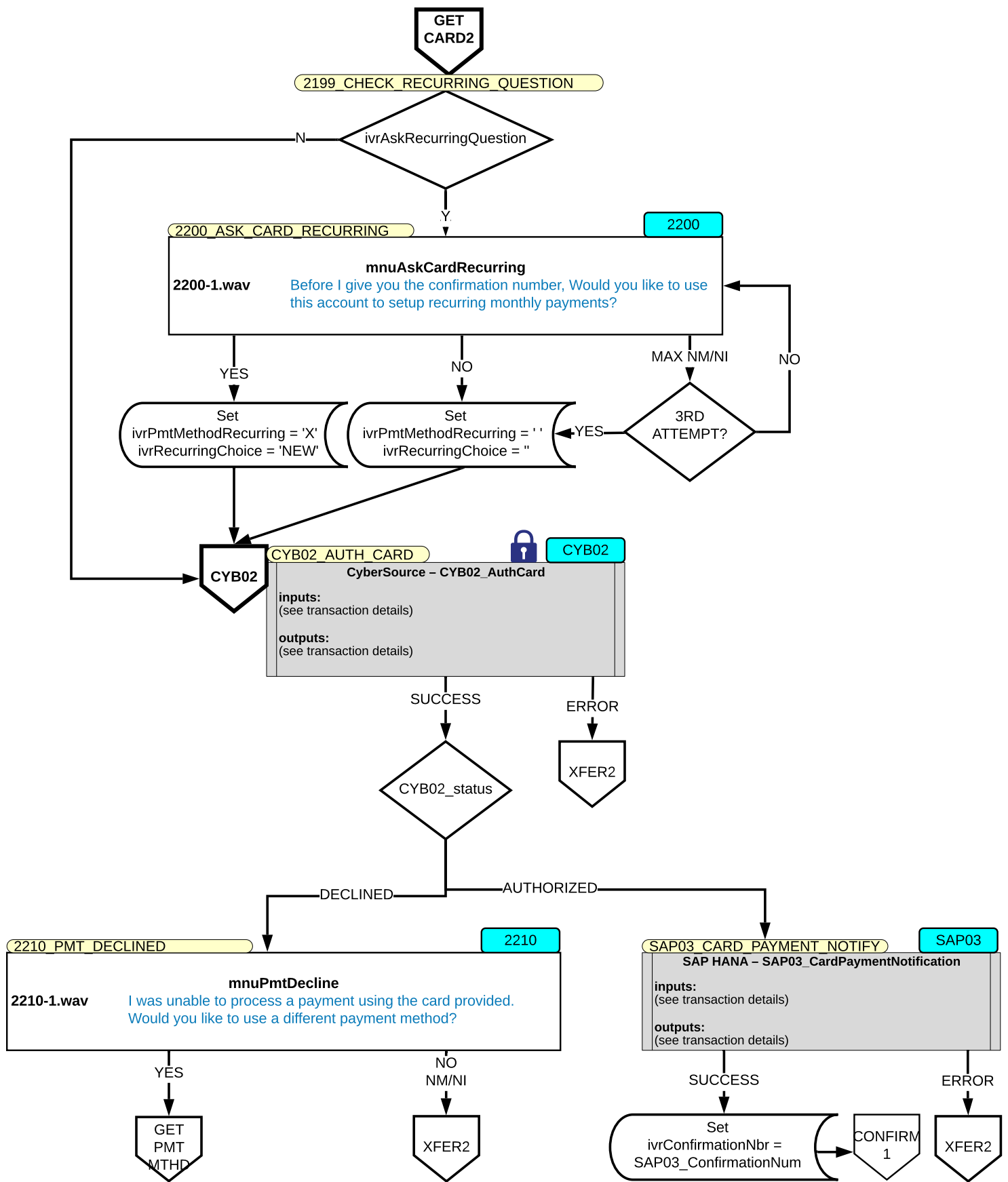


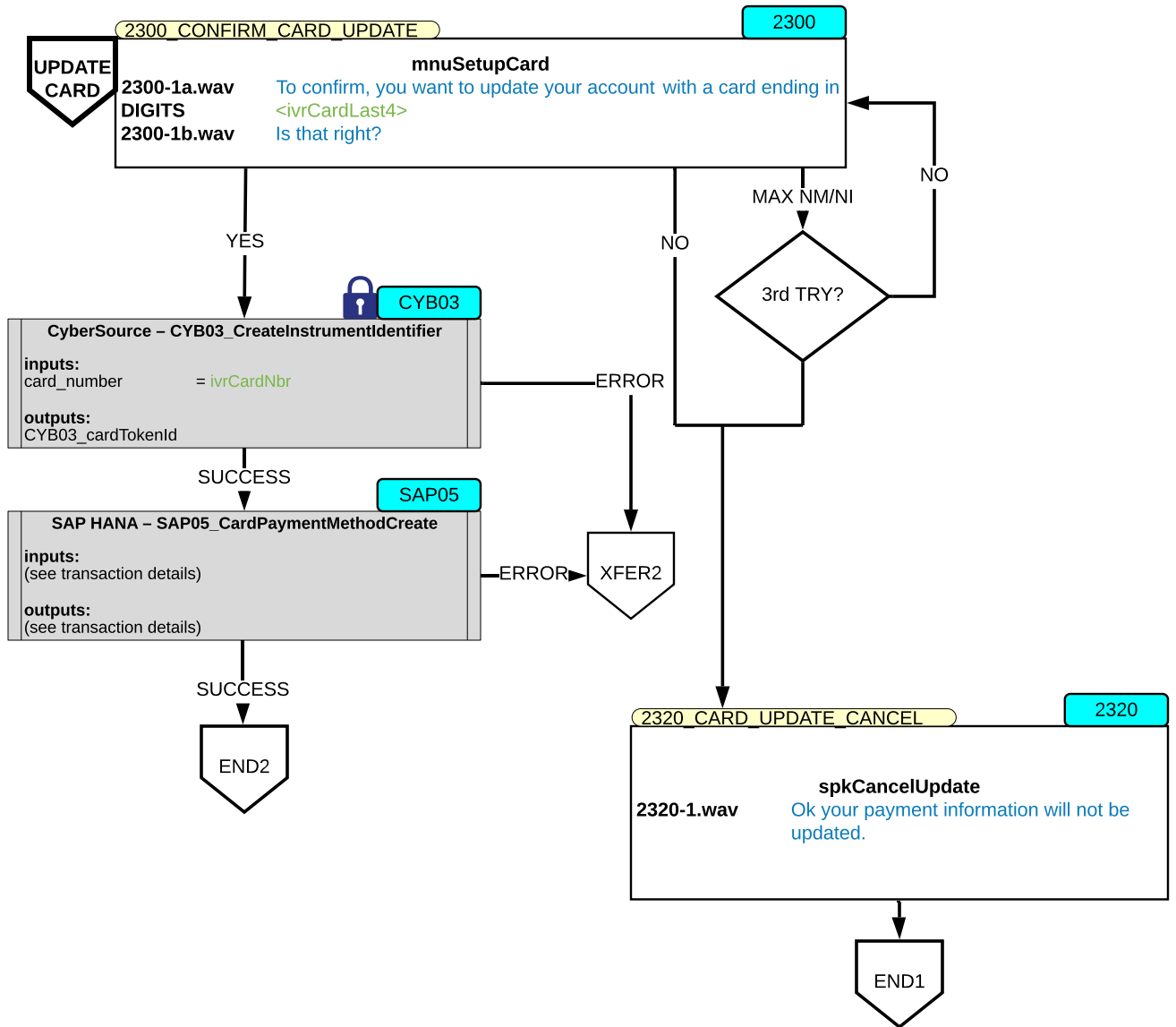


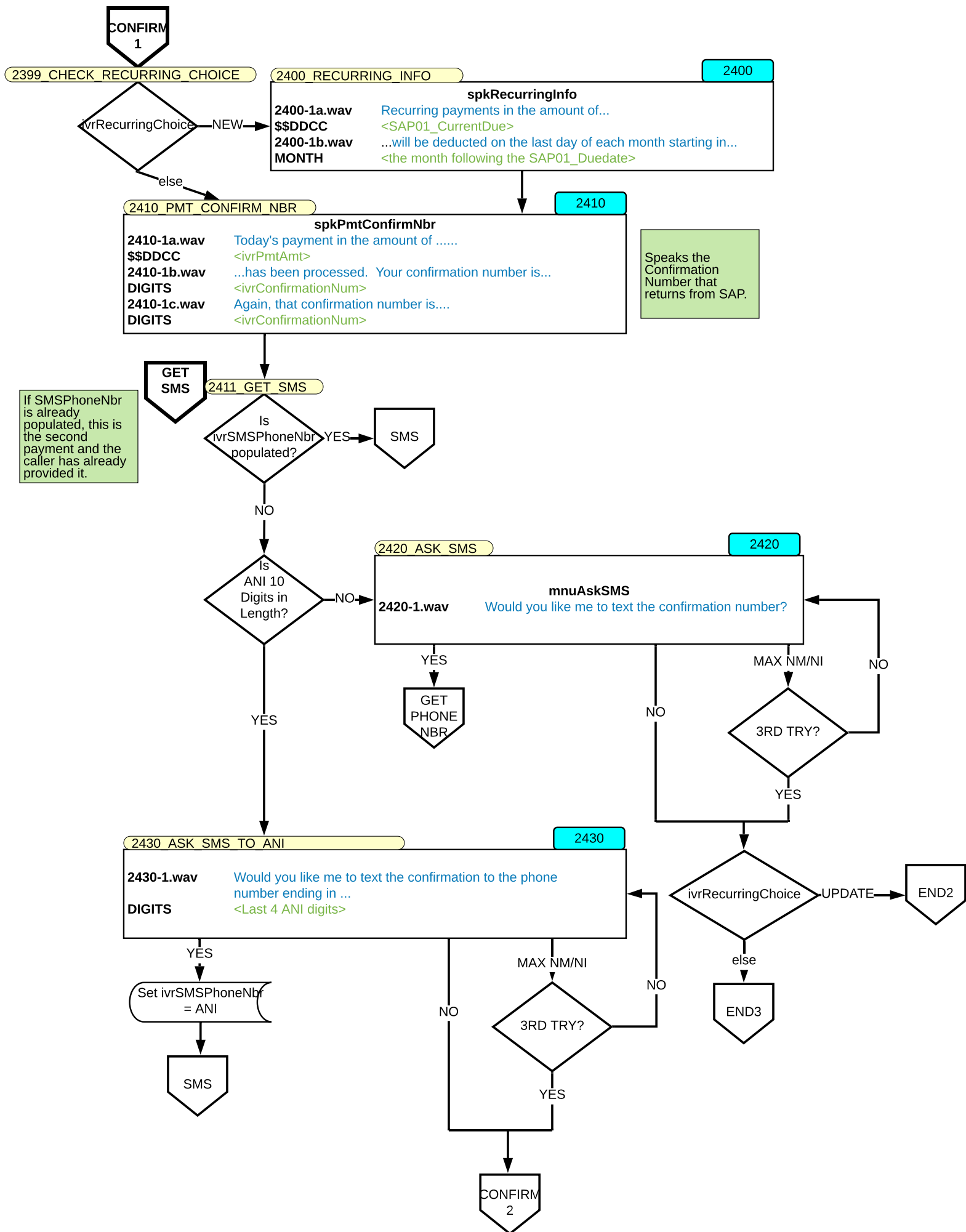


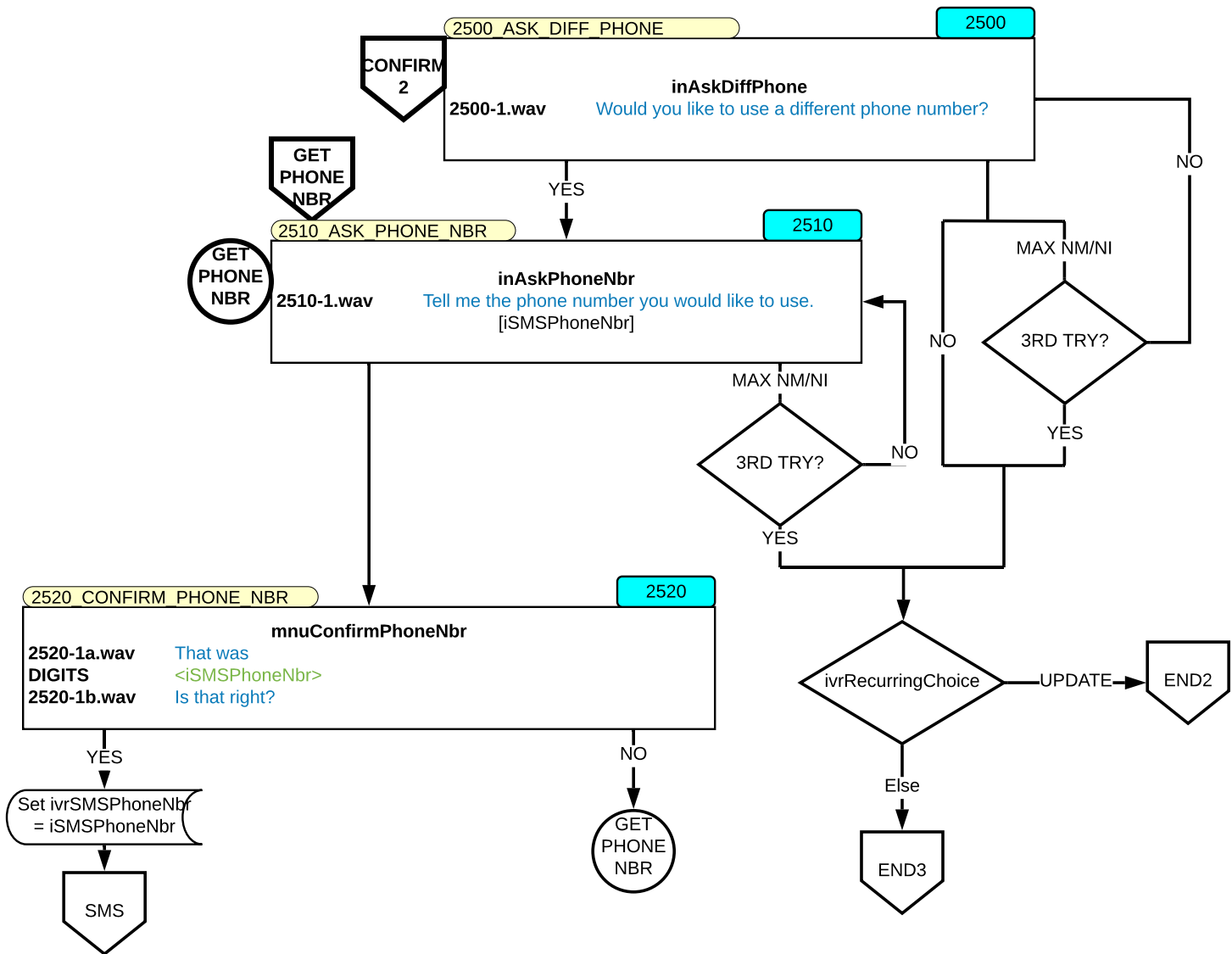


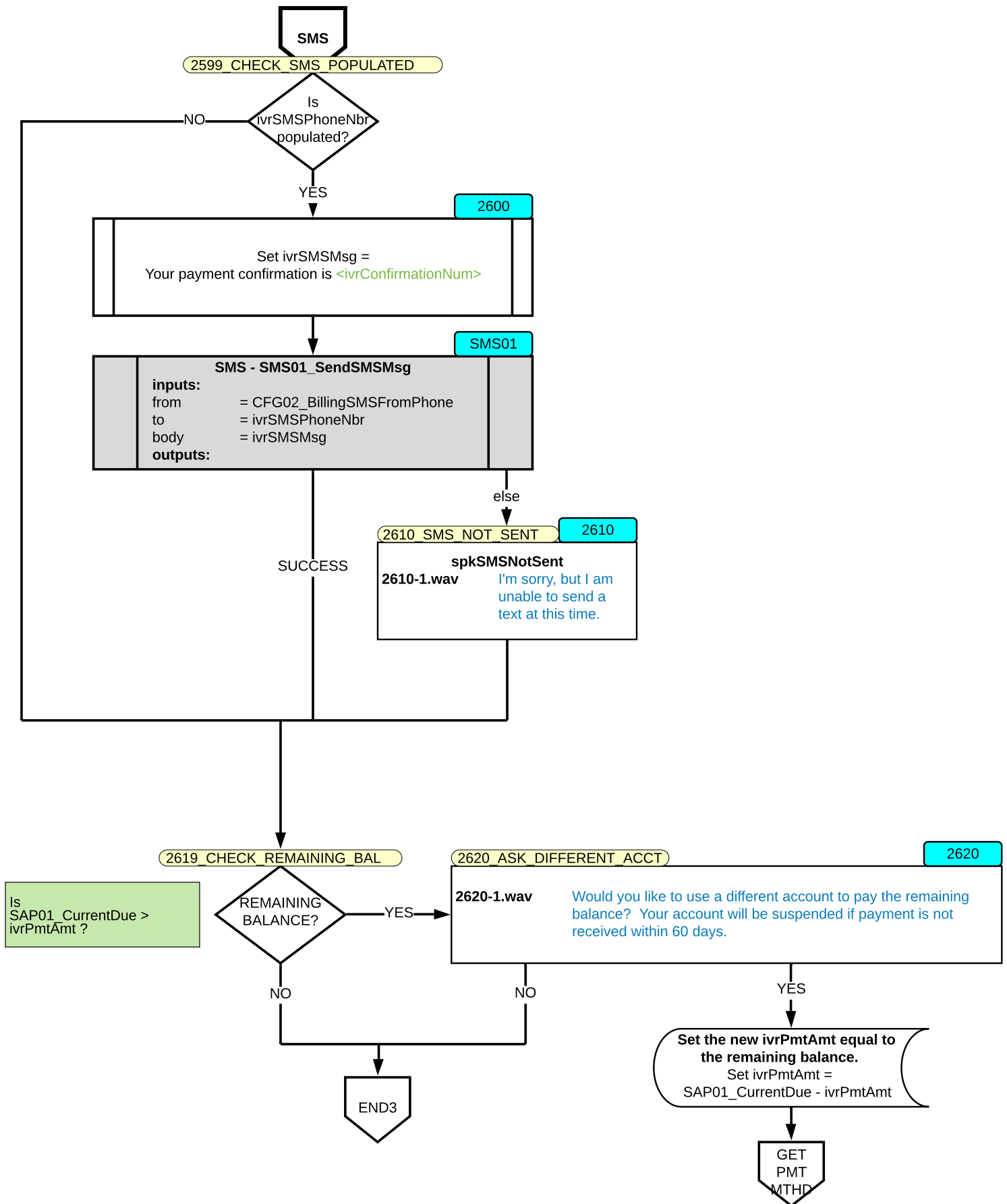


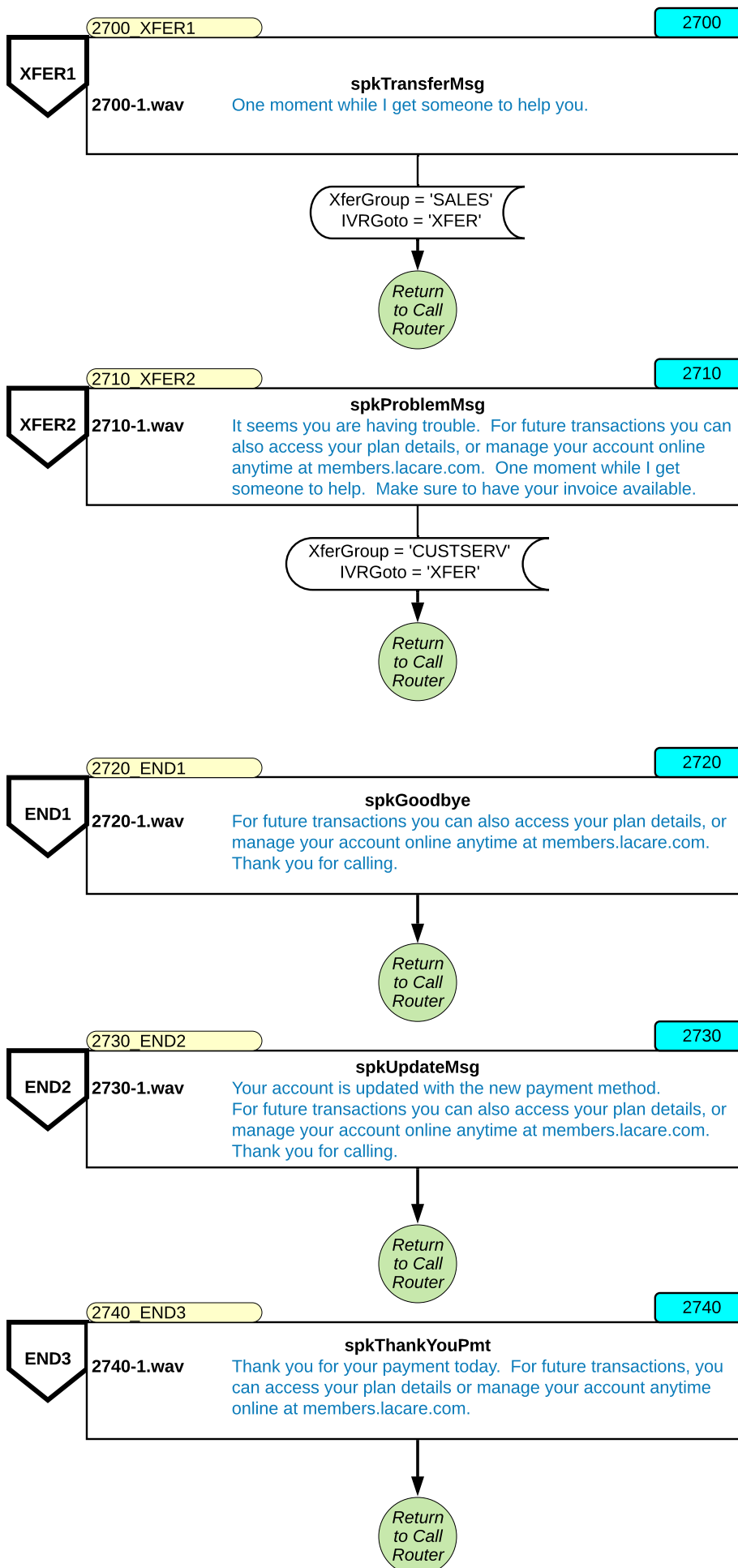












SAP HANA – SAP01_GetMember

/api/SAP/GetMemberPremiumPaymentPortal

inputs:

idnumber = **ilidnumber** The account number or invoice number.
 idtype = **ildtype** 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_LastPaymentStatus Last Payment Status – Paid or Void
 SAP01_LastPaymentDate Last Payment Date
 SAP01_LastPaymentAmount 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_EFTPayerMethodCreate | | |
| /api/SAP/EFTPayerMethodsPortal | | |
| 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: | | |

| SAP HANA – SAP05_CardPaymentMethodCreate | | |
|--|-----------------------|---|
| /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: | | |

| 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 | | <i>The Id of the Instrument Identifier Token (for the tokenized card).</i> |

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). |

Need to do
 CreatePaymentIdentifier
 instead.