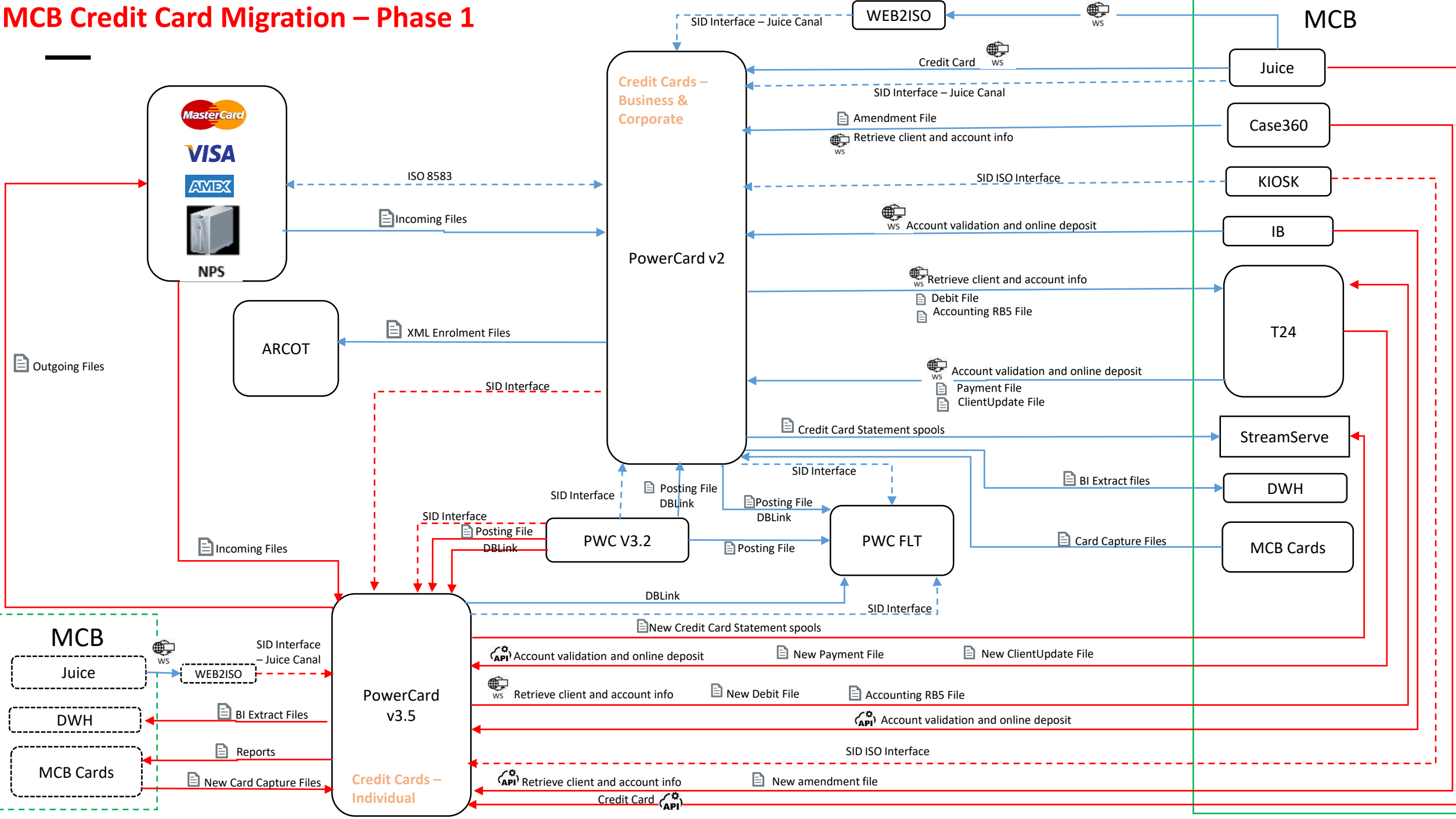




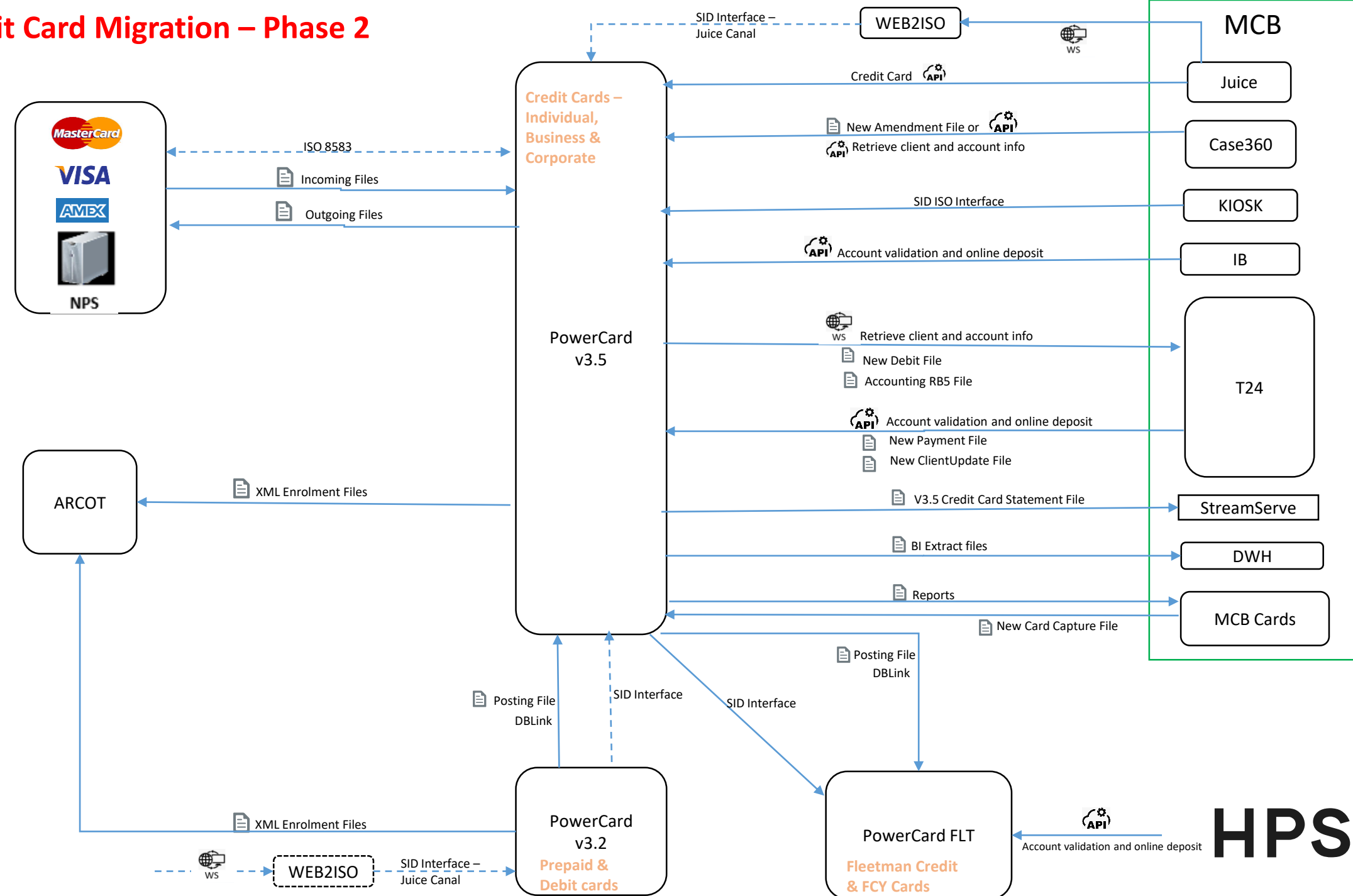
MCB PowerCard V3.5

Application Architecture

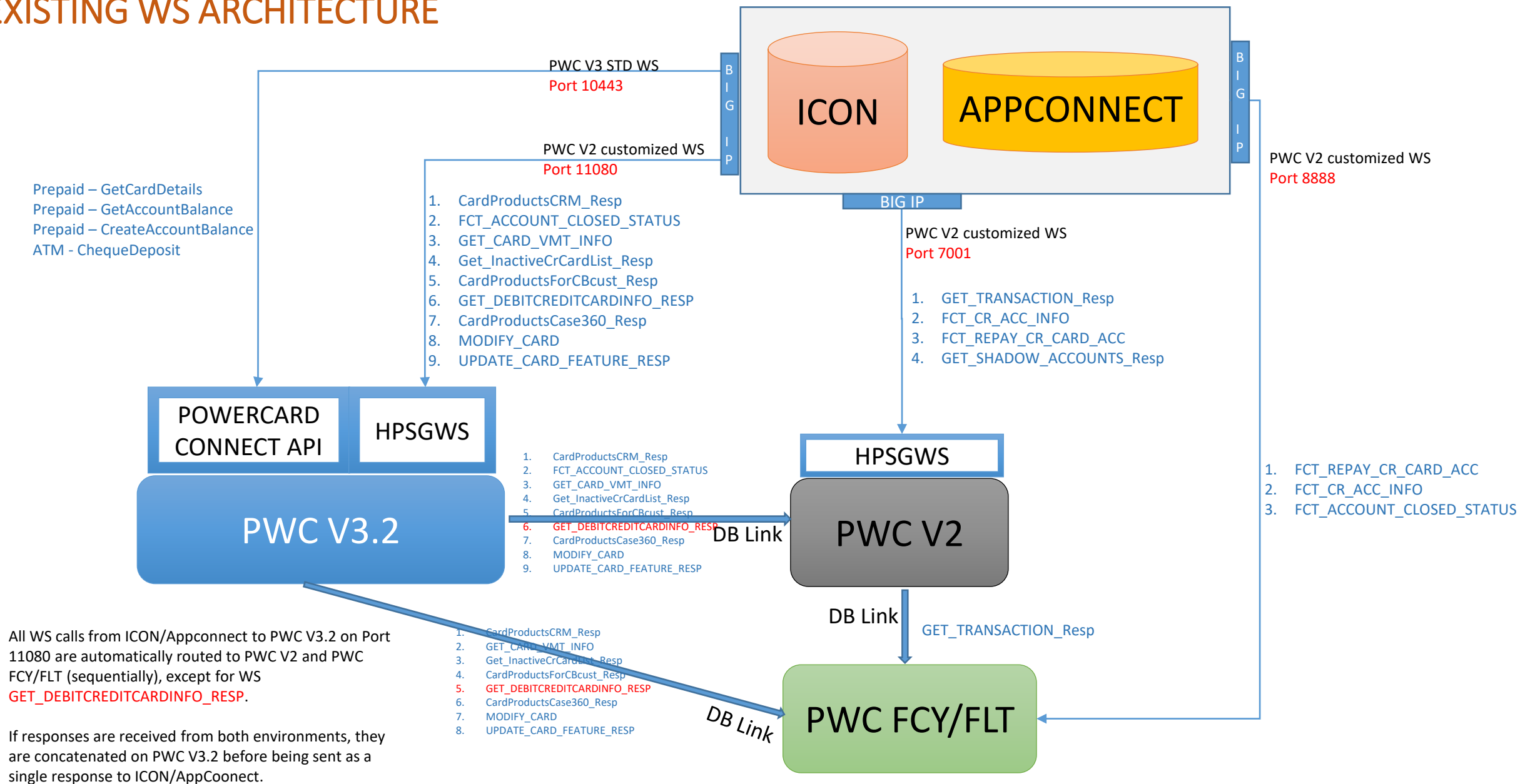
MCB Credit Card Migration – Phase 1



MCB Credit Card Migration – Phase 2



EXISTING WS ARCHITECTURE



All WS calls from ICON/Appconnect to PWC V3.2 on Port 11080 are automatically routed to PWC V2 and PWC FCY/FLT (sequentially), except for WS **GET_DEBITCREDITCARDINFO_RESP**.

If responses are received from both environments, they are concatenated on PWC V3.2 before being sent as a single response to ICON/AppCoonect.

For WS **GET_DEBITCREDITCARDINFO_RESP**, the BIN is verified on PWC V3.2 and requests routed only to the PWC environment where the card is found.

On receiving a request in customized V2 format from ICON/APPCONNECT, the ICPS Aggregator:

Checks the function:

If function is among the following:

GET_TRANSACTION_Resp
FCT_CR_ACC_INFO
FCT_REPAY_CR_CARD_ACC
GET_SHADOW_ACCOUNTS_Resp

Checks the BIN (To determine environment where BIN is hosted):

If environment is PWC V2 or PWC FLT/FCY, sends request AS-IS directly to environment where BIN is hosted.

If environment is PWC V3.5, convert request to V3.5 format and send to PWC V3.5.

If function is among the following:

CardProductsCRM_Resp
FCT_ACCOUNT_CLOSED_STATUS
GET_CARD_VMT_INFO
Get_InactiveCrCardList_Resp
CardProductsForCBcust_Resp
GET_DEBITCREDITCARDINFO_RESP
CardProductsCase360_Resp
MODIFY_CARD
UPDATE_CARD_FEATURE_RESP

Checks BIN (To determine environment where BIN is hosted):

If environment is PWC V3.5, convert request to V3.5 format and send to PWC V3.5.

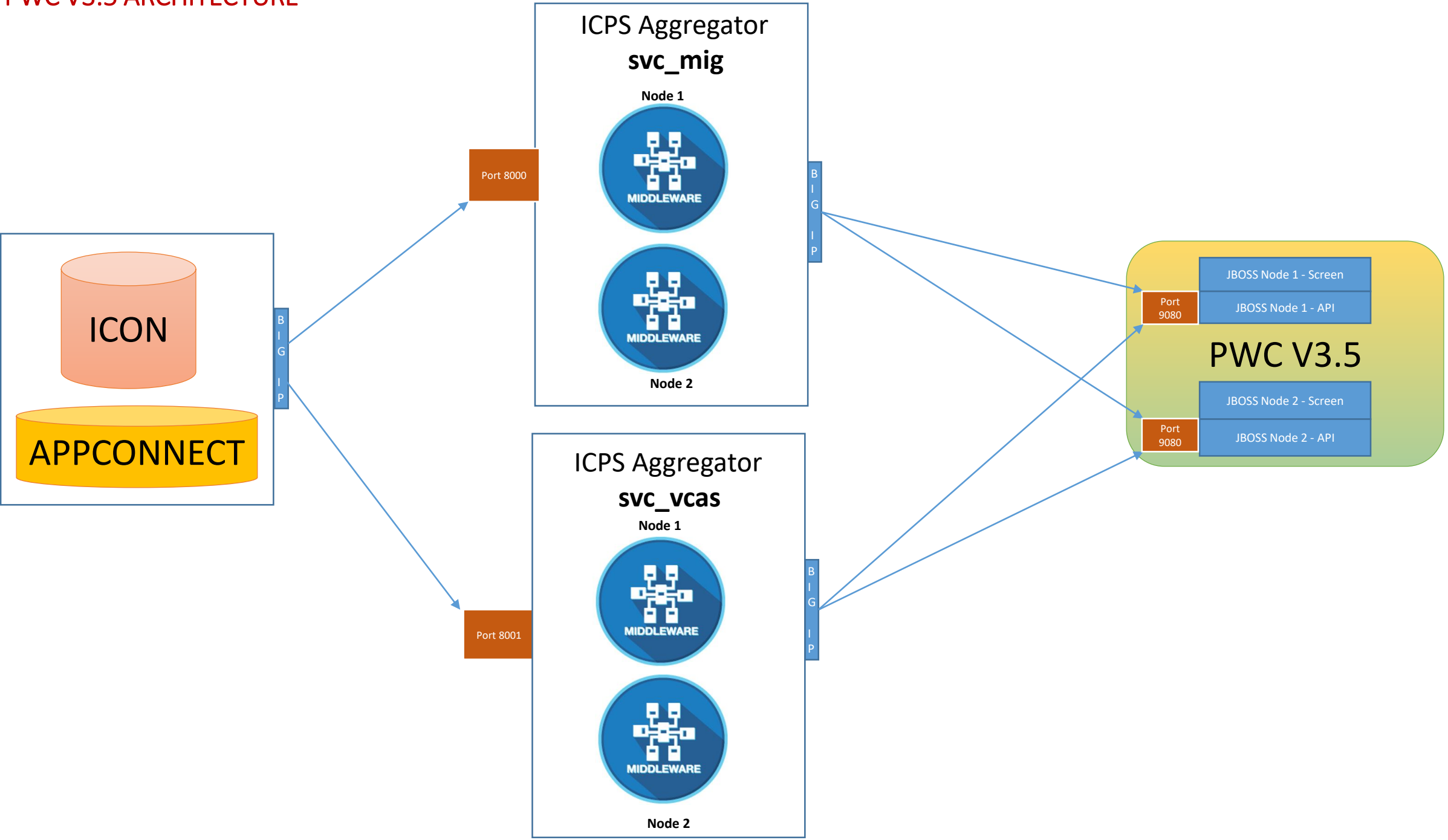
If environment is NOT PWC V3.5:

Request will be forwarded AS-IS to PWC V3.2.

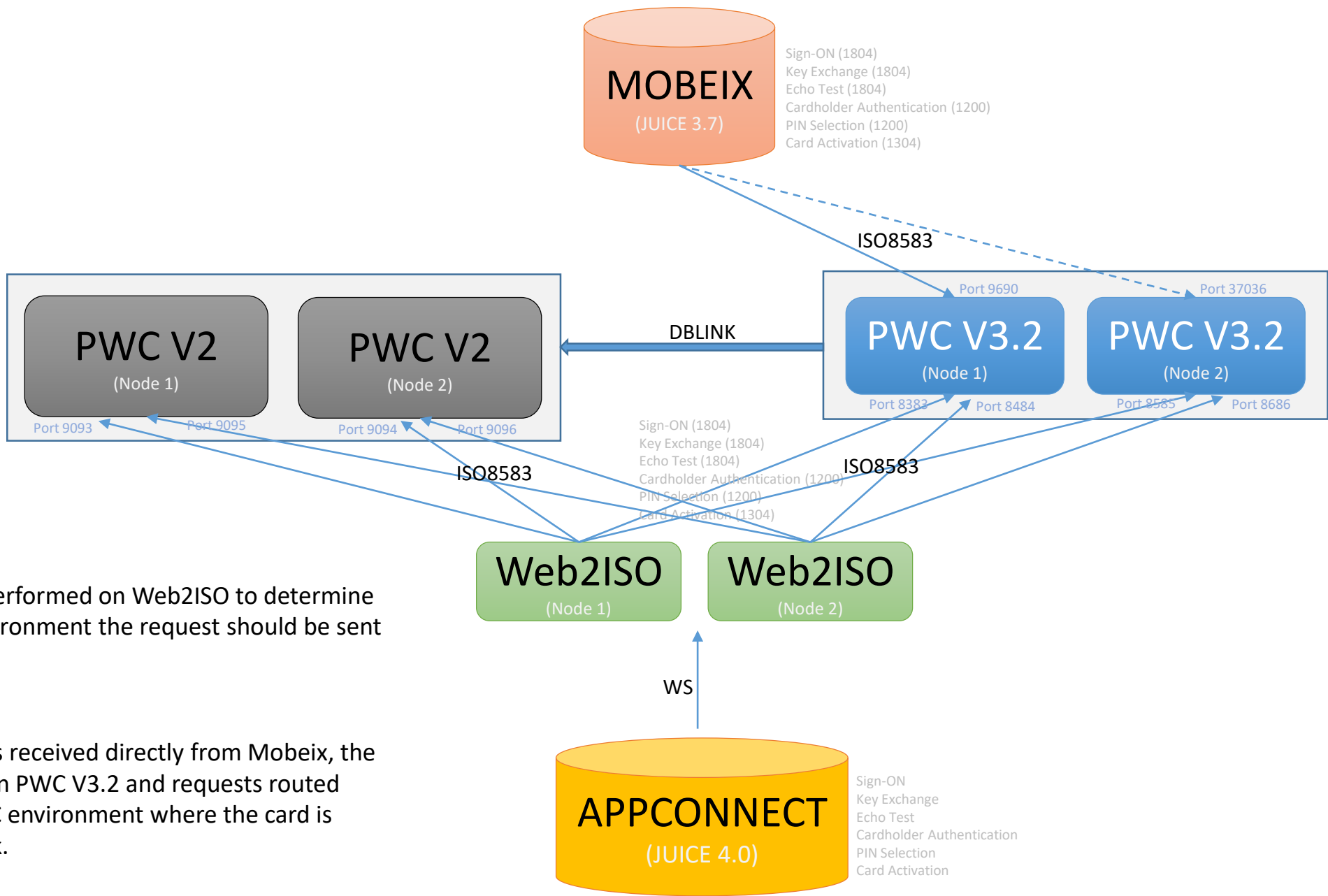
The latter will automatically forward the request to both PWC V2 and PWC FLT/FCY (sequentially), except for function
GET_DEBITCREDITCARDINFO_RESP

For the latter, BIN routing will be performed on PWC V3.2 and request will be routed directly to the environment where the BIN is hosted.

PWC V3.5 ARCHITECTURE



EXISTING ISO/WEB2ISO ARCHITECTURE



AppConnect
BIN routing is performed on Web2ISO to determine which PWC environment the request should be sent to.

Mobeix
For ISO requests received directly from Mobeix, the BIN is verified on PWC V3.2 and requests routed only to the PWC environment where the card is found via Dblink.

NEW ISO/WEB2ISO ARCHITECTURE

