

NOC_SWAP Feature Removal - Complete Change Log

Document Version: 1.0
Date: 2026-06-19
Project: Pay2Go (P2G)
Component: NOC_SWAP Feature Removal
Author: P2G-Artemis

Table of Contents

- 1. [Overview](#)
- 2. [Changes Summary](#)
- 3. [Detailed Changes](#)
- 4. [Database Changes](#)
- 5. [Code Changes](#)
- 6. [Configuration Changes](#)
- 7. [Testing Notes](#)

Overview

This document tracks all changes made for the complete removal of the NOC_SWAP feature from the Pay2Go system. The NOC_SWAP feature was not required and has been removed from the database schema, entity classes, configuration, and all dependent libraries.

Changes Summary

#	Change Type	Component	Description	Status
1	Database	Schema	Removed NOC_SWAP related columns from BANKS, MOP, MOP_CUST, MOP_PRD, and MOP_PRJ tables	✓ Complete
2	Configuration	PROFILE_SELECT_STATEMENTS	Updated MOP profile (ID=32) and BANKS profile (ID=27) SELECT statements to remove NOC_SWAP column references	✓ Complete
3	Code	FUSIONPAYMENTS-fgpp-shared-is-lib	Removed swapEnabled field from Banks.java entity class	✓ Complete
4	Code	FUSIONPAYMENTS-fgpp-shared-is-lib	Removed autoCreateSwapFromNOC and autoCreateNOCFromSwap fields from Mop.java entity class	✓ Complete

#	Change Type	Component	Description	Status
5	Configuration	pom.xml	Updated fgpp-shared-is-lib library version from 6.3.3 to 6.3.NOC	 Complete
6	Configuration	pom.xml	Updated fgpp-pdo-lib library version from 6.3.2 to 6.3.NOC	 Complete
7	Configuration	pom.xml	Updated fgpp-shared-bo-lib library version from 6.3.2 to 6.3.NOC	 Complete
8	Configuration	fgpp-pdo-lib pom.xml	Updated internal dependency fgpp-shared-is-lib version to 6.3.NOC	 Complete
9	Configuration	fgpp-shared-bo-lib pom.xml	Updated internal dependencies (fgpp-shared-is-lib and fgpp-pdo-lib) versions to 6.3.NOC	 Complete

Detailed Changes

Change #1: Drop NOC_SWAP Columns from Database Tables

Type: Database Schema Change

Component: BANKS, MOP, MOP_CUST, MOP_PRD, MOP_PRJ tables

Description:

Dropped NOC_SWAP-related columns from 5 database tables:

- BANKS: `SWAP_ENABLED`
- MOP: `AUTO_CREATE_SWAP_FROM_NOC`, `AUTO_CREATE_NOC_FROM_SWAP`
- MOP_CUST: `AUTO_CREATE_SWAP_FROM_NOC`, `AUTO_CREATE_NOC_FROM_SWAP`
- MOP_PRD: `AUTO_CREATE_SWAP_FROM_NOC`, `AUTO_CREATE_NOC_FROM_SWAP`
- MOP_PRJ: `AUTO_CREATE_SWAP_FROM_NOC`, `AUTO_CREATE_NOC_FROM_SWAP`

Total: 9 columns dropped

SQL - ALTER TABLE Statements:

```
-- BANKS table
ALTER TABLE BANKS DROP COLUMN SWAP_ENABLED;

-- MOP table
ALTER TABLE MOP DROP COLUMN AUTO_CREATE_SWAP_FROM_NOC;
ALTER TABLE MOP DROP COLUMN AUTO_CREATE_NOC_FROM_SWAP;

-- MOP_CUST table
ALTER TABLE MOP_CUST DROP COLUMN AUTO_CREATE_SWAP_FROM_NOC;
ALTER TABLE MOP_CUST DROP COLUMN AUTO_CREATE_NOC_FROM_SWAP;

-- MOP_PRD table
```

```

ALTER TABLE MOP_PRD DROP COLUMN AUTO_CREATE_SWAP_FROM_NOC;
ALTER TABLE MOP_PRD DROP COLUMN AUTO_CREATE_NOC_FROM_SWAP;

-- MOP_PRJ table
ALTER TABLE MOP_PRJ DROP COLUMN AUTO_CREATE_SWAP_FROM_NOC;
ALTER TABLE MOP_PRJ DROP COLUMN AUTO_CREATE_NOC_FROM_SWAP;

```

Verification:

```

-- Verify columns are dropped
SELECT table_name, column_name
FROM user_tab_columns
WHERE table_name IN ('BANKS', 'MOP', 'MOP_CUST', 'MOP_PRD', 'MOP_PRJ')
  AND column_name IN ('SWAP_ENABLED', 'AUTO_CREATE_SWAP_FROM_NOC',
'AUTO_CREATE_NOC_FROM_SWAP');

-- Expected: 0 rows (all columns dropped)

```

Change #2: Update PROFILE_SELECT_STATEMENTS Configuration

Type: Configuration Change

Component: PROFILE_SELECT_STATEMENTS table

Profiles Updated: MOP (ID=32) and BANKS (ID=27)

Description:

Updated SELECT statements for MOP and BANKS profiles to remove references to dropped columns.

SQL - UPDATE Statements:

```

-- MOP Profile (ID=32) - Load statement (SELECT_TYPE='L')
UPDATE PROFILE_SELECT_STATEMENTS
SET SELECT_STATEMENT = 'SELECT UID_MOP AS "UID",
MOP.LAYER_CLASSIFICATION,MOP.TIME_STAMP, (SELECT ACCOUNTS.CURRENCY FROM
ACCOUNTS WHERE MOP.CLEARINGACC = ACCOUNTS.ACC_NO AND ROWNUM <=1) AS
"CURRENCY_1" , (SELECT CUSTOMRS.SWIFT_ID ||''/'|| CUSTOMRS.ABA ||''/'||
CUSTOMRS.ALIAS ||'' - ''|| CUSTOMRS.CUST_NAME FROM ACCOUNTS , CUSTOMRS WHERE
MOP.CLEARINGACC = ACCOUNTS.ACC_NO AND ACCOUNTS.CUST_CODE=CUSTOMRS.CUST_CODE AND
ROWNUM <=1) AS "ACCOUNT_OWNER_NAME_1" , (SELECT CUSTOMRS.SWIFT_ID ||''/'||
CUSTOMRS.ABA ||''/'|| CUSTOMRS.ALIAS ||'' - ''|| CUSTOMRS.CUST_NAME FROM
ACCOUNTS , CUSTOMRS WHERE MOP.ROF_SUSP_ACC = ACCOUNTS.ACC_NO AND
ACCOUNTS.CUST_CODE=CUSTOMRS.CUST_CODE AND ROWNUM <=1) AS "ACCOUNT_OWNER_NAME_4"
, (SELECT BULKING_PROFILE.BP_NAME FROM BULKING_PROFILE WHERE
BULKING_PROFILE.UID_BULKING_PROFILE = MOP.BULKING_PROFILE_UID AND ROWNUM <=1)
AS "V_BP_NAME"
,MOP.ADDL_MEMBER_TYPE,MOP.ADD_MEMBER_2CHAIN,MOP.ADVANCE_VALUE_DATE,MOP.ALGORITH
M_NAME,MOP.ALLOWED_BD_VD_ADVANCE,MOP.ALLOWED_BD_VD_RETAIN,
MOP.ALLOW_NAC_MSG,MOP.ALLOW_PACS_008,MOP.ALLOW_SCHED_FORCE,MOP.BILATERALKEYREQU
IRED,MOP.BULKING_PROFILE_UID,MOP.CALNAME,MOP.EXTN_MOP_CAL,MOP.CHECK_BIC8,

```

```

MOP.CHK_DRAFT_CURRENCY,MOP.CHK_MAIN_BIC,MOP.CLEANMOPBUSINESSDATESOD,MOP.CLEARIN
GACC,MOP.CLEARING_ACC_OFFICE,MOP.COMPENSATION_INTEREST_TYPE,
MOP.COUNTRY_ENTRY_POINT,MOP.COVER_PAYMENT_PROCESS_TYPE,MOP.CURRENCY,MOP.CURRENT
_CLEAR_CYCLE,MOP.CUTOFF_NAME,MOP.DEPARTMENT,MOP.DESRIPTIN,
MOP.EFFECTIVE_DATE,MOP.ELIGIBLE_FOR_VIRTUAL_ACC_PROC,      MOP.ENRICH_PARTY,
MOP.EU_PRIORITY_SCHEDE_IND,MOP.EXPECTREPLY,MOP.FINCOPYSERVICE,MOP.GENERATE_REF,
MOP.INCOMING_FLOW_SETTLE,MOP.INTER_OFFICE,
MOP.IS_IMMEDIATE,MOP.MAXAMOUNT,MOP.MOP_EXPIRY_TIME,MOP.MAXVALUEDATE,MOP.MEMBERS
HIPVALID,MOP.MEMBERSHIP_CHECK_LEVEL,MOP.MEMBERSHIP_TYPE,
MOP.MEMBER_STL_CT_OUT,MOP.MEMBER_STL_DD_IN,MOP.MINAMOUNT,MOP.MINVALUEDATE,MOP.M
OP,MOP.MOPBICADDRESS,MOP.MOPBUSINESSDATE,MOP.MOPDOWN,
MOP.MOP_GROUP,MOP.OFFICE,MOP.OUTGOING_FLOW_SETTLE,MOP.OUTGOING_ONLY,MOP.OUTPART
NER,MOP.OUT_RETURN_DAYS,MOP.PREV_BUSINESS_DATE,
MOP.PROFILE_CHANGE_STATUS,MOP.REC_STATUS,MOP.ROF_SUSP_ACC,MOP.ROF_SUSP_CCY,MOP.
ROF_SUSP_OFFICE,MOP.SCHEME_SITL,MOP.SCHEME_STL_CT,
MOP.SCHEME_STL_DD,MOP.SENDER_BIC,MOP.SENDOUTMSG,MOP.SEND_REC_IDCODE,MOP.SEPA_VA
LIDATION,MOP.SETTLEMENT_ACC,MOP.SETT_ACC_EXISTS,MOP.SIGN_ON_STATUS,
MOP.SPLIT_OVER_MAX,MOP.TIMEOUT_MINUTES,MOP.OUT_TRANSACTION_TIMEOUT,MOP.IP_PROCE
SSING_TIME,MOP.TRAFIX_SOURCE,MOP.USER_SELECTABLE,MOP.VALDATEEXT,MOP.VALUE_DATE_
OVERRIDE,      MOP.VAL_REF_IN_CONFIRM, MOP.IS_MULTI_CYCLE,
MOP.WAIT_FOR_DIRECT_ACK,MOP.ACCOUNTING_MODULE,
MOP.AOS_SERVICES,MOP.RETURN_RETENTION_TYPE,
MOP.MEDIA,MOP.CLEARING_TYPE,MOP.ALLOWED_ALPHABET,MOP.DEFAULT_CHAR_FOR_NLS,MOP.I
NWARD_CLEARING_CONFIRMATION, MOP.MOP_TIME_ZONE, MOP.RETN_LCL_OFFICE_INFO,
(SELECT VALUE_DESCR FROM FIELDS_VALUES WHERE MOP.MOP = SUBSTR(FIELD_TYPE,8) AND
MOP.SIGN_ON_STATUS = VALUE_CODE AND FIELD_TYPE like  ''MAvail_%''      AND
ROWNUM <= 1) AS "V_SIGN_ON_STATUS",
MOP.REFERENCE_DATA_VERSION,MOP.MEMBER_AVAIL_METHOD,MOP.PCF_SUPPORT_ENABLED,
MOP.DO_NOT_ENRICH_CDTR_AGT,
MOP.PREFFERED_BIZ_SVC,MOP.SINGLE_CCY,MOP.CHECK_DEBIT_MANDATE,MOP.NLS_ALLOWED,MO
P.APPLICABLE_COUNTRIES,ALW_BAL_UPDATE,MOP.IP_PROCESSING_TIME,
MOP.MULTIPLE_RETURN_ALLOW,MOP.NLS_CONVERSION_TYPE, MOP.CLEARING_VERSION,
MOP.MEMBER_NCC_CHECK_TYPE,MOP.MEMBER_NCC_CHECK,MOP.LIQBREACH,
MOP.LIQBREACH_ACTION,MOP.NON_FIN_CP_MRKT_INFRA,MOP.DIRECT_COVER_RELEASE_TYPE,MO
P.PRODUCT_PARENT_UID,MOP.OVERRIDE_SETTLEMENT_FOR_INDP ,
MOP.RELEASE_VERSION,MOP.ALLOW_CANCELATION,MOP.ALLOW_HYBRID_ADDRESS,
PENDING_ACTION FROM MOP WHERE UID_MOP=?'
WHERE PROFILE_ID = 32
AND SELECT_TYPE = 'L';

```

-- Update Update statement (SELECT_TYPE='U') for MOP profile

UPDATE PROFILE_SELECT_STATEMENTS

```

SET SELECT_STATEMENT = 'SELECT  UID_MOP AS "UID",
MOP.LAYER_CLASSIFICATION,MOP.ADDL_MEMBER_TYPE,MOP.CLEARING_VERSION,MOP.ADD_MEMB
ER_2CHAIN,MOP.ADVANCE_VALUE_DATE,MOP.ALGORITHM_NAME,MOP.ALLOWED_BD_VD_ADVANCE,M
OP.ALLOWED_BD_VD_RETAIN,MOP.ALLOW_NAC_MSG,MOP.ALLOW_PACS_008,MOP.ALLOW_SCHED_FO
RCE,MOP.BILATERALKEYREQUIRED,MOP.BULKING_PROFILE_UID,MOP.CLEARING_TYPE,MOP.CALN
AME,MOP.EXTN_MOP_CAL,MOP.CHECK_BIC8,MOP.CHK_DRAFT_CURRENCY,MOP.CHK_MAIN_BIC,MOP
.CLEANMOPBUSINESSDATESOD,MOP.CLEARINGACC,MOP.CLEARING_ACC_OFFICE,MOP.COMPENSATI
ON_INTEREST_TYPE,MOP.COUNTRY_ENTRY_POINT,MOP.COVER_PAYMENT_PROCESS_TYPE,MOP.CUR
RENCY,MOP.CURRENT_CLEAR_CYCLE,MOP.CUTOFF_NAME,MOP.DEPARTMENT,MOP.DESRIPTIN,MOP
.EFFECTIVE_DATE,MOP.ELIGIBLE_FOR_VIRTUAL_ACC_PROC,MOP.ENRICH_PARTY,MOP.EU_PRIOR
ITY_SCHEDE_IND,MOP.EXPECTREPLY,MOP.FINCOPYSERVICE,MOP.GENERATE_REF,MOP.INCOMING
_FLOW_SETTLE,MOP.INTER_OFFICE,MOP.IS_IMMEDIATE,MOP.MAXAMOUNT,MOP.MOP_EXPIRY_TIM

```

```

E,MOP.MAXVALUEDATE,MOP.MEMBERSHIPVALID,MOP.MEMBERSHIP_CHECK_LEVEL,MOP.MEMBERSHI
P_TYPE,MOP.MEMBER_STL_CT_OUT,MOP.MEMBER_STL_DD_IN,MOP.MINAMOUNT,MOP.MINVALUEDAT
E,MOP.MOP,MOP.MOPBICADDRESS,MOP.MOPBUSINESSDATE,MOP.MOPDOWN,MOP.MOP_GROUP,MOP.O
FFICE,MOP.OUTGOING_FLOW_SETTLE,MOP.OUTGOING_ONLY,MOP.OUTPARTNER,MOP.OUT_RETURN_
DAYS,MOP.PREV_BUSINESS_DATE,MOP.PROFILE_CHANGE_STATUS,MOP.REC_STATUS,MOP.ROF_SU
SP_ACC,MOP.ROF_SUSP_CCY,MOP.ROF_SUSP_OFFICE,MOP.SCHEME_SITL,MOP.SCHEME_STL_CT,M
OP.SCHEME_STL_DD,MOP.SENDER_BIC,MOP.SENDOUTMSG,MOP.SEND_REC_IDCODE,MOP.SEPA_VAL
IDATION,MOP.SETTLEMENT_ACC,MOP.SETT_ACC_EXISTS,
MOP.SIGN_ON_STATUS,MOP.SPLIT_OVER_MAX,MOP.TIMEOUT_MINUTES,
MOP.OUT_TRANSACTION_TIMEOUT,
MOP.TRAFIX_SOURCE,MOP.USER_SELECTABLE,MOP.VALDATEEXT,MOP.VALUE_DATE_OVERRIDE,MO
P.VAL_REF_IN_CONFIRM , MOP.IS_MULTI_CYCLE,
MOP.WAIT_FOR_DIRECT_ACK,MOP.ACCOUNTING_MODULE,
MOP.AOS_SERVICES,MOP.RETURN_RETENTION_TYPE,MOP.MEDIA,MOP.ALLOWED_ALPHABET,MOP.D
EFAULT_CHAR_FOR-NLS,MOP.INWARD_CLEARING_CONFIRMATION,MOP.REFERENCE_DATA_VERSION
,MOP.MEMBER_AVAIL_METHOD,MOP.PCF_SUPPORT_ENABLED,
MOP.DO_NOT_ENRICH_CDTR_AGT,MOP.PREFFERED_BIZ_SVC,MOP.SINGLE_CCY,MOP.CHECK_DEBIT
_MANDATE,MOP.NLS_ALLOWED,MOP.APPLICABLE_COUNTRIES,ALW_BAL_UPDATE,MOP.IP_PROCESS
ING_TIME,MOP.MULTIPLE_RETURN_ALLOW, MOP.NLS_CONVERSION_TYPE,
MOP.MEMBER_NCC_CHECK_TYPE,
MOP.MEMBER_NCC_CHECK,MOP.LIQBREACH,MOP.LIQBREACH_ACTION,MOP.NON_FIN_CP_MRKT_INF
RA,MOP.IS_XSD_VALIDATION_REQUIRED,MOP.DIRECT_COVER_RELEASE_TYPE,
MOP.OUT_TRANSACTION_TIMEOUT,MOP.MOP_TIME_ZONE ,MOP.PRODUCT_PARENT_UID,
MOP.RELEASE_VERSION,MOP.OVERRIDE_SETTLEMENT_FOR_INDP , MOP.ALLOW_CANCELATION,
MOP.RETN_LCL_OFFICE_INFO ,MOP.ALLOW_HYBRID_ADDRESS FROM MOP WHERE UID_MOP=?'
WHERE PROFILE_ID = 32
AND SELECT_TYPE = 'U';

```

```

-- BANKS Profile (ID=27) - Load statement (SELECT_TYPE='L')
UPDATE PROFILE_SELECT_STATEMENTS
SET SELECT_STATEMENT = 'SELECT BANKS.PROFILE_CONFIGURATION_LAYER, UID_BANKS AS
"UID", BANKS.TIME_STAMP, BANKS.BSNESSDATE, BANKS.ISO_CODE_LOGICAL_FIELD,
BANKS.STATEMENT_FORMAT_NAME, BANKS.STATEMENT_DUPLICATE_CHECK_IND,
BANKS.MIN_NUM_OF_AUTHORIZ_SUBSCRIBER, BANKS.IN_SCOPE_IND,
BANKS.FILE_DUPLICATE_CHECK_IND, BANKS.BTCH_CTRL_ID, BANKS.CALNAME,
BANKS.RFF_DUPLICATE_CHECK_IND, BANKS.ESTM_DUPLICATE_CHECK_IND,
BANKS.ORDER_TYPE, BANKS.FORMAT_NAME, BANKS.COUNTRYCODE, BANKS.CURRENCY,
BANKS.OTHER_BASE_CCY, BANKS.CUST_CODE, BANKS.CUTOFF_NAME,
BANKS.DEF_BOOKNG_ENT, BANKS.DEF_CNSLD_FEE_POST, BANKS.DEF_CNSLD_PNL_POST,
BANKS.DEF_CNSLD_TAX_POST, BANKS.DEF_CNSLD_TAX_PNL_POST, BANKS.EFFECTIVE_DATE,
BANKS.FORCE_LEAD_ZERO, BANKS.HISTORY_PROC_DT, BANKS.LANG,
BANKS.LEGAL_ENTITY, BANKS.MAX_ACC_LENGTH, BANKS.MIN_ACC_LENGTH,
BANKS.NEXT_BSNESSDATE, BANKS.OFFC_NAME, BANKS.OFFICE, BANKS.POST_ZERO_FEE,
BANKS.PREV_BSNESSDATE, BANKS.PROFILE_CHANGE_STATUS, BANKS.REC_STATUS,
BANKS.LIMIT_CCY, BANKS.CLRNG_STTLMT_ON_SNDNG_DT, BANKS.REFERENCEBRANCH,
BANKS.TRUNC_LEAD_ZERO, BANKS.GPI_MEMBER, BANKS.BALANCE_RESERVATION_CUSTOMER,
BANKS.BALANCE_RES_DAYS_BEFORE_STTLM, BANKS.BALANCE_METHOD, BANKS.BANK_CODE,
BANKS.BANK_NUMBER, (SELECT CUSTOMRS.ADDRESS1 FROM CUSTOMRS WHERE
BANKS.CUST_CODE=CUSTOMRS.CUST_CODE AND ROWNUM <=1 ) AS "ADDRESS1" ,
(SELECT CUSTOMRS.ADDRESS2 FROM CUSTOMRS WHERE
BANKS.CUST_CODE=CUSTOMRS.CUST_CODE AND ROWNUM <=1 ) AS "ADDRESS2" ,
(SELECT CUSTOMRS.CITY FROM CUSTOMRS WHERE BANKS.CUST_CODE=CUSTOMRS.CUST_CODE
AND ROWNUM <=1 ) AS "CITY" , (SELECT CUSTOMRS.SWIFT_ID
||''/'' || CUSTOMRS.ABA ||''/'' || CUSTOMRS.ALIAS ||''- '' ||

```

```

CUSTOMRS.CUST_NAME FROM CUSTOMRS WHERE BANKS.CUST_CODE=CUSTOMRS.CUST_CODE
AND ROWNUM <=1 ) AS "NAME" , (SELECT REASONS.REASONDESCRIPTION FROM
REASONS WHERE BANKS.LEGAL_ENTITY=REASONS.REASONCODE AND ROWNUM
<=1 ) AS "REASONDESCRIPTION", BANKS.ACCOUNTING_METHOD ,
BANKS.OFFICE_LIQ_SUPPORT, BANKS.INCLUDE_CREDIT_FEES,
BANKS.COMPLIANCE_ON_RCPT_DT, PENDING_ACTION FROM BANKS WHERE UID_BANKS=?'
WHERE PROFILE_ID = 27
AND SELECT_TYPE = 'L';

-- BANKS Profile (ID=27) - Update statement (SELECT_TYPE='U')
UPDATE PROFILE_SELECT_STATEMENTS
SET SELECT_STATEMENT = 'SELECT BANKS.PROFILE_CONFIGURATION_LAYER, UID_BANKS AS
"UID", BANKS.BSNESSDATE, BANKS.ISO_CODE_LOGICAL_FIELD,
BANKS.STATEMENT_FORMAT_NAME, BANKS.STATEMENT_DUPLICATE_CHECK_IND,
BANKS.MIN_NUM_OF_AUTHORIZ_SUBSCRIBER, BANKS.IN_SCOPE_IND,
BANKS.FILE_DUPLICATE_CHECK_IND, BANKS.BTCH_CTRL_ID,
BANKS.RFF_DUPLICATE_CHECK_IND, BANKS.ESTM_DUPLICATE_CHECK_IND,
BANKS.ORDER_TYPE, BANKS.FORMAT_NAME, BANKS.CALNAME, BANKS.COUNTRYCODE,
BANKS.CURRENCY, BANKS.CUST_CODE, BANKS.CUTOFF_NAME, BANKS.EFFECTIVE_DATE,
BANKS.FORCE_LEAD_ZERO, BANKS.LEGAL_ENTITY, BANKS.MAX_ACC_LENGTH,
BANKS.MIN_ACC_LENGTH, BANKS.OFFC_NAME, BANKS.OFFICE, BANKS.POST_ZERO_FEE,
BANKS.PROFILE_CHANGE_STATUS, BANKS.REC_STATUS, BANKS.REFERENCEBRANCH,
BANKS.TRUNC_LEAD_ZERO, BANKS.LIMIT_CCY, BANKS.GPI_MEMBER,
BANKS.BALANCE_RESERVATION_CUSTOMER, BANKS.BALANCE_RES_DAYS_BEFORE_STTLM,
BANKS.BALANCE_METHOD, BANKS.BANK_CODE, BANKS.BANK_NUMBER, BANKS.LANG,
BANKS.ACCOUNTING_METHOD, BANKS.DEF_CNSLD_FEE_POST, BANKS.DEF_CNSLD_PNL_POST,
BANKS.DEF_CNSLD_TAX_POST, BANKS.DEF_CNSLD_TAX_PNL_POST, BANKS.PREV_BSNESSDATE,
BANKS.NEXT_BSNESSDATE, BANKS.HISTORY_PROC_DT,
BANKS.OTHER_BASE_CCY, BANKS.DEF_BOOKNG_ENT, BANKS.OFFICE_LIQ_SUPPORT,
BANKS.INCLUDE_CREDIT_FEES, BANKS.COMPLIANCE_ON_RCPT_DT FROM BANKS WHERE
UID_BANKS=?'
WHERE PROFILE_ID = 27
AND SELECT_TYPE = 'U';

COMMIT;

```

Columns Removed:

- MOP Profile: **AUTO_CREATE_SWAP_FROM_NOC, AUTO_CREATE_NOC_FROM_SWAP**
- BANKS Profile: **SWAP_ENABLED**

Impact:

-  Fixes ORA-00904 "invalid identifier" errors when loading profiles
-  Application server cache must be refreshed after UPDATE statements
-  COMMIT must be executed to persist changes

Change #3: Remove swapEnabled Field from Banks.java Entity

Type: Code Change

Component: FUSIONPAYMENTS-fgpp-shared-is-lib Library

File Modified: Banks.java

Repository: FUSIONPAYMENTS (fgpp-shared-is-lib)

Description:

Removed the `swapEnabled` field and all related code from the Banks entity class to align with the database schema change (Change #1). This ensures the entity model no longer references the dropped `SWAP_ENABLED` column.

Code Changes:

1. Removed Field Declaration (Line ~151):

```
// REMOVED
private String swapEnabled;
```

2. Removed @Column Annotation and Getter Method (Lines ~826-833):

```
// REMOVED
@Column(name = "SWAP_ENABLED", unique = false, nullable = true,
        insertable = false, updatable = false, scale = 40)
public String getSwapEnabled() {
    return swapEnabled;
}
```

3. Removed Setter Method:

```
// REMOVED
public void setSwapEnabled(String swapEnabled) {
    this.swapEnabled = swapEnabled;
}
```

4. Removed Serialization Code (Line ~957):

```
// REMOVED - In readExternal() method
this.swapEnabled = (String) in.readObject();
```

5. Removed Deserialization Code (Line ~1023):

```
// REMOVED - In writeExternal() method
out.writeObject(this.swapEnabled);
```

Impact:

-  Entity class matches database schema
-  Prevents Hibernate mapping errors
-  Requires rebuilding fgpp-shared-is-lib library

Change #4: Remove NOC_SWAP Fields from Mop.java Entity

Type: Code Change

Component: FUSIONPAYMENTS-fgpp-shared-is-lib Library

File Modified: `Mop.java`

Repository: FUSIONPAYMENTS (fgpp-shared-is-lib)

Description:

Removed the `autoCreateSwapFromNOC` and `autoCreateNOCFromSwap` fields and all related code from the Mop entity class to align with the database schema change (Change #1). This ensures the entity model no longer references the dropped `AUTO_CREATE_SWAP_FROM_NOC` and `AUTO_CREATE_NOC_FROM_SWAP` columns.

Code Changes:

1. Removed Field Declarations (Lines 261-262):

```
// REMOVED
private Boolean autoCreateSwapFromNOC;
private Boolean autoCreateNOCFromSwap;
```

2. Removed @Column Annotation and Getter/Setter for autoCreateSwapFromNOC (Lines ~1537-1544):

```
// REMOVED
@Column(name = "AUTO_CREATE_SWAP_FROM_NOC", unique = false, nullable = false,
        insertable = false, updatable = false, precision = 1, scale = 0)
public Boolean getAutoCreateSwapFromNOC() {
    return autoCreateSwapFromNOC;
}

public void setAutoCreateSwapFromNOC(Boolean autoCreateSwapFromNOC) {
    this.autoCreateSwapFromNOC = autoCreateSwapFromNOC;
}
```

3. Removed @Column Annotation and Getter/Setter for autoCreateNOCFromSwap (Lines ~1546-1553):

```
// REMOVED
@Column(name = "AUTO_CREATE_NOC_FROM_SWAP", unique = false, nullable = false,
        insertable = false, updatable = false, precision = 1, scale = 0)
public Boolean getAutoCreateNOCFromSwap() {
    return autoCreateNOCFromSwap;
}
```

```
}

public void setAutoCreateNOCFromSwap(Boolean autoCreateNOCFromSwap) {
    this.autoCreateNOCFromSwap = autoCreateNOCFromSwap;
}
```

4. Removed Serialization Code in readExternal() (Lines ~1716-1717):

```
// REMOVED - In readExternal() method
this.autoCreateSwapFromNOC = (Boolean) in.readObject();
this.autoCreateNOCFromSwap = (Boolean) in.readObject();
```

5. Removed Deserialization Code in writeExternal() (Lines ~1857-1858):

```
// REMOVED - In writeExternal() method
out.writeObject(this.autoCreateSwapFromNOC);
out.writeObject(this.autoCreateNOCFromSwap);
```

Impact:

- ✔ Entity class matches database schema
- ✔ Prevents Hibernate mapping errors
- ⚠ Requires rebuilding fgpp-shared-is-lib library

Change #5: Update fgpp-shared-is-lib Library Version in pom.xml

Type: Configuration Change

Component: Pay2Go Application - pom.xml

File Modified: `pom.xml`

Description:

Updated the dependency version for `fgpp-shared-is-lib` library in the Pay2Go application's pom.xml to use the new version that contains the NOC_SWAP column removal changes (Changes #3 and #4). This ensures the application uses the updated entity classes that align with the modified database schema.

Maven Dependency Change:

Before:

```
<groupId>com.finastra.fgpp</groupId>
<artifactId>fgpp-shared-is-lib</artifactId>
<version>6.3.3</version>
```

After:

```
<groupId>com.finastra.fgpp</groupId>
<artifactId>fgpp-shared-is-lib</artifactId>
<version>6.3.NOC</version>
```

Version Change: 6.3.3 → 6.3.NOC

Impact:

-  Resolves ORA-00904 errors for dropped columns
-  Requires Maven build and application redeploy

Change #6: Update fgpp-pdo-lib Library Version in pom.xml

Type: Configuration Change

Component: Pay2Go Application - pom.xml

File Modified: pom.xml

Description:

Updated the dependency version for **fgpp-pdo-lib** library in the Pay2Go application's pom.xml to use the new version that aligns with the NOC_SWAP feature removal changes. This ensures consistency across all related Finastra GPP libraries used in the application.

Maven Dependency Change:

Before:

```
<groupId>com.finastra.fgpp</groupId>
<artifactId>fgpp-pdo-lib</artifactId>
<version>6.3.2</version>
```

After:

```
<groupId>com.finastra.fgpp</groupId>
<artifactId>fgpp-pdo-lib</artifactId>
<version>6.3.NOC</version>
```

Version Change: 6.3.2 → 6.3.NOC

Impact:

-  Maintains version consistency across GPP libraries
-  Requires Maven build and application redeploy

Change #7: Update fgpp-shared-bo-lib Library Version in pom.xml

Type: Configuration Change

Component: Pay2Go Application - pom.xml

File Modified: pom.xml

Description:

Updated the dependency version for fgpp-shared-bo-lib library in the Pay2Go application's pom.xml to use the new version that aligns with the NOC_SWAP feature removal changes. This ensures consistency across all related Finastra GPP libraries used in the application.

Maven Dependency Change:

Before:

```
<groupId>com.finastra.fgpp</groupId>
<artifactId>fgpp-shared-bo-lib</artifactId>
<version>6.3.2</version>
```

After:

```
<groupId>com.finastra.fgpp</groupId>
<artifactId>fgpp-shared-bo-lib</artifactId>
<version>6.3.NOC</version>
```

Version Change: 6.3.2 → 6.3.NOC

Impact:

-  Maintains version consistency across GPP libraries
-  Requires Maven build and application redeploy

Change #8: Update fgpp-shared-is-lib Dependency in fgpp-pdo-lib

Type: Configuration Change

Component: FUSIONPAYMENTS-fgpp-pdo-lib - pom.xml

File Modified: pom.xml (within fgpp-pdo-lib library project)

Description:

Updated the internal dependency version for fgpp-shared-is-lib within the fgpp-pdo-lib library's pom.xml. This ensures that fgpp-pdo-lib uses the updated fgpp-shared-is-lib version containing the NOC_SWAP entity changes.

Maven Dependency Change:

Before:

```
<dependency>
  <groupId>com.finastra.fgpp</groupId>
  <artifactId>fgpp-shared-is-lib</artifactId>
  <version>6.3.3</version>
</dependency>
```

After:

```
<dependency>
  <groupId>com.finastra.fgpp</groupId>
  <artifactId>fgpp-shared-is-lib</artifactId>
  <version>6.3.NOC</version>
</dependency>
```

Version Change: 6.3.3 → 6.3.NOC**Impact:**

-  Ensures transitive dependency consistency
-  Requires rebuilding fgpp-pdo-lib library

Change #9: Update Internal Dependencies in fgpp-shared-bo-lib**Type:** Configuration Change**Component:** FUSIONPAYMENTS-fgpp-shared-bo-lib - pom.xml**File Modified:** pom.xml (within fgpp-shared-bo-lib library project)**Description:**

Updated the internal dependency versions for both **fgpp-shared-is-lib** and **fgpp-pdo-lib** within the fgpp-shared-bo-lib library's pom.xml. This ensures that fgpp-shared-bo-lib uses the updated library versions containing the NOC_SWAP changes.

Maven Dependency Changes:**Before:**

```
<dependency>
  <groupId>com.finastra.fgpp</groupId>
  <artifactId>fgpp-shared-is-lib</artifactId>
  <version>6.3.3</version>
</dependency>
<dependency>
  <groupId>com.finastra.fgpp</groupId>
  <artifactId>fgpp-pdo-lib</artifactId>
  <version>6.3.2</version>
</dependency>
```

After:

```
<dependency>
  <groupId>com.finastra.fgpp</groupId>
  <artifactId>fgpp-shared-is-lib</artifactId>
  <version>6.3.NOC</version>
</dependency>
<dependency>
  <groupId>com.finastra.fgpp</groupId>
  <artifactId>fgpp-pdo-lib</artifactId>
  <version>6.3.NOC</version>
</dependency>
```

Version Changes:

- fgpp-shared-is-lib: 6.3.3 → 6.3.NOC
- fgpp-pdo-lib: 6.3.2 → 6.3.NOC

Impact:

-  Ensures complete transitive dependency consistency
-  Requires rebuilding fgpp-shared-bo-lib library

Database Changes

Tables Modified

1. BANKS Table

- **Column Removed:** SWAP_ENABLED
- **Data Type:** VARCHAR2(1)
- **Purpose:** Feature flag for SWAP functionality (no longer needed)

2. MOP Table

- **Columns Removed:**

- `AUTO_CREATE_SWAP_FROM_NOC`
- `AUTO_CREATE_NOC_FROM_SWAP`
- **Data Type:** VARCHAR2(1) each
- **Purpose:** Flags for automatic creation between NOC and SWAP messages (no longer needed)

3. MOP_CUST Table

- **Columns Removed:**
 - `AUTO_CREATE_SWAP_FROM_NOC`
 - `AUTO_CREATE_NOC_FROM_SWAP`
- **Data Type:** VARCHAR2(1) each
- **Purpose:** Customer-level flags for automatic creation between NOC and SWAP messages (no longer needed)

4. MOP_PRD Table

- **Columns Removed:**
 - `AUTO_CREATE_SWAP_FROM_NOC`
 - `AUTO_CREATE_NOC_FROM_SWAP`
- **Data Type:** VARCHAR2(1) each
- **Purpose:** Product-level flags for automatic creation between NOC and SWAP messages (no longer needed)

5. MOP_PRJ Table

- **Columns Removed:**
 - `AUTO_CREATE_SWAP_FROM_NOC`
 - `AUTO_CREATE_NOC_FROM_SWAP`
- **Data Type:** VARCHAR2(1) each
- **Purpose:** Project-level flags for automatic creation between NOC and SWAP messages (no longer needed)

Configuration Table Updates

PROFILE_SELECT_STATEMENTS Table

Change #1 - MOP Profile (PROFILE_ID = 32):

- **SELECT_TYPE Updated:**
 - 'L' (Load statement)
 - 'U' (Update statement)
- **Changes Made:** Removed references to `AUTO_CREATE_SWAP_FROM_NOC` and `AUTO_CREATE_NOC_FROM_SWAP` columns from the SELECT statements
- **Purpose:** Ensures the application doesn't attempt to query the dropped columns when loading or updating MOP profiles

Change #2 - BANKS Profile (PROFILE_ID = 27):

- **SELECT_TYPE Updated:**

- 'L' (Load statement)
 - 'U' (Update statement)
 - **Changes Made:** Removed reference to `SWAP_ENABLED` column from the SELECT statements
 - **Purpose:** Ensures the application doesn't attempt to query the dropped column when loading or updating BANKS/OFFICE profiles
 - **Fixes Error:** `ORA-00904: "BANKS"."SWAP_ENABLED": invalid identifier`
-

⚠ Additional Database Objects to Check

Database Triggers Note:

Check and update database triggers that may reference dropped columns:

- **TI_MOP_PRD** (primary trigger)
- Other MOP triggers: `TI_MOP`, `TI_MOP_CUST`, `TI_MOP_PRJ`
- BANKS triggers for `SWAP_ENABLED`

Verification:

```
SELECT trigger_name
FROM user_triggers
WHERE UPPER(trigger_body) LIKE '%AUTO_CREATE_SWAP_FROM_NOC%'
      OR UPPER(trigger_body) LIKE '%AUTO_CREATE_NOC_FROM_SWAP%'
      OR UPPER(trigger_body) LIKE '%SWAP_ENABLED%';
```

Impact: Triggers with column references will cause errors when saving/updating profiles in P2G UI.

Code Changes

FUSIONPAYMENTS-fgpp-shared-is-lib Library

Change #3: Banks.java Entity Class

File: `Banks.java`

Changes Made:

- Removed `swapEnabled` field declaration
- Removed `@Column` annotation for `SWAP_ENABLED`
- Removed `getSwapEnabled()` getter method
- Removed `setSwapEnabled(String)` setter method
- Removed serialization code in `readExternal()` method
- Removed deserialization code in `writeExternal()` method

Total Lines Removed: ~6 sections of code

Purpose: Align entity model with database schema after dropping `SWAP_ENABLED` column

Change #4: Mop.java Entity Class

File: `Mop.java`

Changes Made:

- Removed `autoCreateSwapFromNOC` field declaration (Boolean)
- Removed `autoCreateNOCFromSwap` field declaration (Boolean)
- Removed `@Column` annotation for `AUTO_CREATE_SWAP_FROM_NOC`
- Removed `@Column` annotation for `AUTO_CREATE_NOC_FROM_SWAP`
- Removed `getAutoCreateSwapFromNOC()` getter method
- Removed `setAutoCreateSwapFromNOC(Boolean)` setter method
- Removed `getAutoCreateNOCFromSwap()` getter method
- Removed `setAutoCreateNOCFromSwap(Boolean)` setter method
- Removed serialization code for both fields in `readExternal()` method
- Removed deserialization code for both fields in `writeExternal()` method

Total Lines Removed: ~10 sections of code (2 fields × 5 sections each)

Purpose: Align entity model with database schema after dropping `AUTO_CREATE_SWAP_FROM_NOC` and `AUTO_CREATE_NOC_FROM_SWAP` columns

Configuration Changes

PROFILE_SELECT_STATEMENTS Table Updates

Change #1: MOP Profile (PROFILE_ID = 32)

- **SELECT_TYPE Updated:** 'L' (Load), 'U' (Update)
- **Columns Removed from Query:**
 - `AUTO_CREATE_SWAP_FROM_NOC`
 - `AUTO_CREATE_NOC_FROM_SWAP`
- **Purpose:** Remove references to dropped MOP table columns
- **Status:** ☒ Complete

Change #2: BANKS Profile (PROFILE_ID = 27)

- **SELECT_TYPE Updated:** 'L' (Load), 'U' (Update)
 - **Column Removed from Query:**
 - `SWAP_ENABLED`
 - **Purpose:** Remove reference to dropped BANKS table column
 - **Impact:** Fixes "ORA-00904: invalid identifier" error when loading BANKS/OFFICE profiles
 - **Status:** ☒ Complete
-

Maven Dependency Updates

Change #5: pom.xml - fgpp-shared-is-lib Library Version Update

File: `pom.xml` (Pay2Go Application)

Dependency: `com.finastra.fgpp:fgpp-shared-is-lib`

Version Change: `6.3.3` → `6.3.NOC`

Purpose:

Updated to use updated fgpp-shared-is-lib version.

Status:  Complete

Change #6: pom.xml - fgpp-pdo-lib Library Version Update

File: `pom.xml` (Pay2Go Application)

Dependency: `com.finastra.fgpp:fgpp-pdo-lib`

Version Change: `6.3.2` → `6.3.NOC`

Purpose:

Updated to maintain version consistency with fgpp-shared-is-lib.

Status:  Complete

Change #7: pom.xml - fgpp-shared-bo-lib Library Version Update

File: `pom.xml` (Pay2Go Application)

Dependency: `com.finastra.fgpp:fgpp-shared-bo-lib`

Version Change: `6.3.2` → `6.3.NOC`

Purpose:

Updated to maintain version consistency with all GPP libraries.

Status:  Complete

Change #8: fgpp-pdo-lib Internal Dependencies Update

File: `pom.xml` (fgpp-pdo-lib Library)

Internal Dependency Updated: `com.finastra.fgpp:fgpp-shared-is-lib`

Version Change: `6.3.3` → `6.3.NOC`

Purpose:

Updated internal dependency to match updated fgpp-shared-is-lib.

Status:  Complete

Change #9: fgpp-shared-bo-lib Internal Dependencies Update

File: `pom.xml` (fgpp-shared-bo-lib Library)

Internal Dependencies Updated:

- `com.finastra.fgpp:fgpp-shared-is-lib: 6.3.3` → `6.3.NOC`

- `com.finastra.fgpp:fgpp-pdo-lib:6.3.2 → 6.3.NOC`

Purpose:

Updated internal dependencies to ensure all GPP libraries use consistent versions.

Status:  Complete

Post-Update Actions

1. Restart Application Server to clear cached SELECT statements
 2. Test profile loading in P2G UI (BANKS/OFFICE and MOP profiles)
 3. Verify Maven dependencies: `mvn dependency:tree | grep fgpp`
-

Document End