Oracle® Argus Mart

CMN Profile Table Guide Release 8.1.1 **E88815-01**

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Preface

The *Oracle Argus Mart CMN Profile Table Guide* describes the profile switches that you can use to control the behavior of the Argus Mart application.

Where to Find More Information

Oracle Help Center

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Introduction

The Oracle Argus Mart CMN Profile Global Table Guide describes the profile switches that you can use to control the behavior of the Argus Mart application.

The CMN_PROFILE_GLOBAL table exists in Argus Safety and contains all the Global Common Profile Switches that control the behavior of the Argus Mart application.

The CMN_PROFILE_ENTERPRISE table exists in Argus Safety and contains all the Enterprise-specific Common Profile Switches that control the behavior of all enterprises in Argus Mart.

In addition to these tables, the RM_CMN_PROFILE_GLOBAL and RM_CMN_PROFILE_ENTERPRISE tables comprise all the Internal Common Profile Switches. These tables exist in Argus Mart.

All these Profile Switches are explained in the subsequent chapters.

1.1 Structure of the Guide

The profile switches mentioned in this guide are divided into the following chapters:

- Switches that are configured using the Argus Safety Console (Chapter 2)
- Internal Profile Switches (Chapter 3)

Each profile switch described in this guide includes the following information:

- **Section**—Lists the name of the section that contains the profile switch.
- **Key**—Lists the unique name for the profile switch.
- **Default Value**—Lists the default value, if defined.
- **Description**—Provides more information about the function of the profile switch.

Switches Configurable from Argus Safety

You need to configure the Argus Mart Common Profile Switches to control data that is transferred from the Argus Safety database to the Argus Mart database. These Common Profile Switches are configured using the Argus Safety Console.

This chapter comprises the following sub-sections:

- Global Switches
- **Enterprise-specific Switches**

2.1 Global Switches

The Global Common Profile Switches are visible only if you are logged in from a default enterprise.

The following are the profile switches that belong to the CMN_PROFILE_GLOBAL table that exists in Argus Safety:

- **ENABLE AI PROCESSING**
- **ENABLE SM PROCESSING**
- **REVISIONS TO PROCESS**
- CUSTOM ROUTINE BEFORE STAGE TABLES POPULATION
- CUSTOM ROUTINE BEFORE REPORTING TABLES POPULATION
- CUSTOM ROUTINE AFTER REPORTING TABLES POPULATION
- CUSTOM ROUTINE BEFORE SIGNAL HELPER TABLES POPULATION
- CUSTOM ROUTINE AFTER SIGNAL HELPER TABLES POPULATION
- **CUSTOM ROUTINE AFTER ETL**

2.1.1 ENABLE AI PROCESSING

Section Database

Key ENABLE_AI_PROCESSING

Default Value 0

Description This switch is used to enable or disable Argus Mart accessibility from Argus

Insight user interface.

1 represents Enable Argus Mart accessibility. **0** represents Disable Argus Mart accessibility.

2.1.2 ENABLE SM PROCESSING

Section Database

Kev ENABLE_SM_PROCESSING

Default Value Yes

Description This switch is used to enable or disable SM Processing for AM.

Yes represents Enable SM Processing for Argus Mart.

No represents Disable SM Processing for Argus Mart.

The value for this switch must not be changed once Initial ETL has been

executed.

2.1.3 REVISIONS TO PROCESS

Section Database

Key REVISIONS_TO_PROCESS

Default Value 0

Description The value set for this switch refers to the maximum number of delta DLP

revisions processed by an Incremental ETL run.

Setting the value as 0 for this switch results in processing all the delta DLP

revisions.

2.1.4 CURRENT_CASE_COPY

Section **ARGUS**

Key DATABASE_TIMEZONE

Default Value 0

Description Specifies Argus Safety database timezone.

2.1.5 CUSTOM ROUTINE BEFORE STAGE TABLES POPULATION

Section Database

Kev PRE_STAGE_TABLES_POPULATION

Default Value Blank

Description This switch refers to the custom routine to be executed before the population

of the AM Staging Tables. If this routine is not executed or is not found, the

ETL is not run and an error message is displayed.

2.1.6 CUSTOM ROUTINE BEFORE REPORTING TABLES POPULATION

Section Database

Key PRE REPORTING TABLES POPULATION

Default Value Blank

Description This switch refers to the custom routine to be executed before population of

Signal Reporting Tables. If this routine fails or is not found, the ETL is not

run and an error message is displayed.

2.1.7 CUSTOM ROUTINE AFTER REPORTING TABLES POPULATION

Section Database

Key POST_REPORTING_TABLES_POPULATION

Default Value Blank

Description This switch refers to the custom routine to be executed after population of

Signal Reporting Tables. If this routine fails or is not found, the ETL is not

run and an error message is displayed.

2.1.8 CUSTOM ROUTINE BEFORE SIGNAL HELPER TABLES POPULATION

Section Database

Key PRE_HELPER_TABLES_POPULATION

Default Value Blank

Description This switch refers to the custom routine to be executed before population of

Signal Helper Tables. If this routine fails or is not found, the ETL is not run

and an error message is displayed.

2.1.9 CUSTOM ROUTINE AFTER SIGNAL HELPER TABLES POPULATION

Section Database

Kev POST_HELPER_TABLES_POPULATION

Default Value Blank

Description This switch refers to the custom routine to be executed after population of

Signal Helper Tables. If this routine fails or is not found, the ETL is not run

and an error message is displayed.

2.1.10 CUSTOM ROUTINE AFTER ETL

Section Database

POST_ETL_POPULATION Key

Default Value Blank

Description This switch refers to the custom routine to be executed after

Initial/Incremental ETL (post ETL commit). If this routine fails or is not

found, the ETL is not run and an error message is displayed.

2.2 Enterprise-specific Switches

To configure Enterprise-specific Common Profile Switches for Argus Mart, login to each enterprise individually through Argus Safety Console. The value of these switches may differ across the enterprises.

The following are the profile switches that belong to the

CMN PROFILE ENTERPRISE table:

- FIRST HUMAN LANGUAGE
- SECOND HUMAN LANGUAGE
- CUSTOM DATASHEET FOR LISTEDNESS
- SMQ/CMQ FOR FATAL TERMS

2.2.1 FIRST HUMAN LANGUAGE

Section Database

Key FIRST_HUMAN_LANGUAGE

Default Value en

Description This switch refers to first human language for derived decoded items. This

value should not be changed after data mart is initialized.

2.2.2 SECOND HUMAN LANGUAGE

Section Database

Key SECOND_HUMAN_LANGUAGE

Default Value Blank

Description This switch refers to second human language for derived decoded items.

This value should not be changed after data mart is initialized.

2.2.3 CUSTOM DATASHEET FOR LISTEDNESS

Section Database

Key CUSTOM DATASHEET FOR LISTEDNESS

Default Value Blank

Description This switch refers to the specific datasheet value to be used for the

SM_EVENT_ PRODUCT.LISTEDNESS_CDS_VE column. This value should

not be changed after data mart is initialized.

2.2.4 SMQ/CMQ FOR FATAL TERMS

Section Database

Key SMQ_CMQ_FOR_FATAL_TERMS

Default Value Blank

Description This switch refers to the specific SMQ/CMQ to be used for determining fatal

terms for the FATAL_YN_DV column. This value should not be changed

after data mart is initialized.

Argus Mart Internal Switches

There are certain Common Profile Switches that cannot be configured using the Argus Safety Console. These switches are referred to as Internal Profile Switches in this document.

Oracle Recommends: You must not change the values set for these Profile Switches without consulting Oracle.

This chapter comprises the following sub-sections:

- Global Switches
- **Enterprise-specific Switches**

3.1 Global Switches

The following are the Global Internal Common Profile Switches for Argus Mart that belong to the RM_CMN_PROFILE_GLOBAL table:

- AM_APP_OWNER
- AM_BI_OWNER
- AM_DDL_VER
- AM_ETL_OWNER
- AM_LAST_DDL_VER
- AM_MART_OWNER
- AM_STAGE_OWNER
- APPLICATION_TYPE
- DEFAULT_ENTERPRISE
- DEFAULT_SECURITY_ACCESS
- ETL_COMPUTE_MART_USER_STATISTICS
- ETL_COMPUTE_STAGE_USER_STATISTICS
- ETL_FR_CONSISTENCY_CHECK
- ETL_PROCESS_FR_REF_DATA
- ETL_PROCESS_LM_CFG_REF_DATA
- ETL_PROCESS_SMQ_CMQ_REF_DATA

- ETL_SM_ITERATION_NUMBER
- ETL_STATS_CASCADE_OPTION
- ETL_STATS_ESTIMATE_PERCENT
- ETL_STATS_METHOD_OPT
- ETL_STATS_PARALLEL_DEGREE
- ETL_STATUS
- **GMT_OFFSET**
- LOG_ETL_SQL
- MEMORY_MODEL
- ODI_ETL_STATUS
- RLS_OWNER
- SAFETY_DDL_VER

3.1.1 AM_APP_OWNER

Section Database

Key AM_APP_OWNER

Default Value &sm_app.

Description Defines Argus application schema name.

3.1.2 AM_BI_OWNER

Section Database

Key AM_BI_OWNER

Default Value &bi_user.

Defines BI schema name. Description

3.1.3 AM_DDL_VER

Section Database

Key AM_DDL_VER

Default Value 8.1.1

Description Defines the currently installed version of Argus Mart.

3.1.4 AM_ETL_OWNER

Section Database

Key AM_ETL_OWNER

Description Defines Argus Mart user who has administrator rights to process an ETL.

3.1.5 AM_LAST_DDL_VER

Section Database

Key AM_LAST_DDL_VER

Description This switch represents the previously installed version of Argus Mart.

During fresh installation the value of this switch is same as AM_DDL_VER.

3.1.6 AM_MART_OWNER

Section Database

Key AM_MART_OWNER

Description Defines the Argus Mart schema name.

3.1.7 AM_STAGE_OWNER

Section Database

Key AM_STAGE_OWNER

Description Defines the Argus Staging schema name.

3.1.8 APPLICATION_TYPE

Section Database

Key APPLICATION_TYPE

Description Defines the type of installation for Argus Mart.

> 0 represents Single-tenant installation 1 represents Multi-tenant installation

3.1.9 DEFAULT_ENTERPRISE

Section System

Key DEFAULT_ENTERPRISE

Description Defines the default enterprise ID for Argus Mart.

3.1.10 DEFAULT_SECURITY_ACCESS

Section Database

Key DEFAULT_SECURITY_ACCESS

Default Value 0

Description Specifies the default security access level for APP user of Argus Mart.

3.1.11 ETL_COMPUTE_MART_USER_STATISTICS

Section Database

Key ETL_COMPUTE_MART_USER_STATISTICS

Default Value 1

Description This switch is used to control the Mart Schema Tables Statistics gathering.

0 represents Do Not Gather Statistics

1 represents Gather Statistics

3.1.12 ETL_COMPUTE_STAGE_USER_STATISTICS

Section Database

Key ETL_COMPUTE_STAGE_USER_STATISTICS

Default Value 1

Description This switch is used to control the Stage Schema Tables Statistics gathering.

0 represents Do Not Gather Statistics

1 represents Gather Statistics

3.1.13 ETL_FR_CONSISTENCY_CHECK

Section Database

Key ETL_FR_CONSISTENCY_CHECK

Default Value 1

Description This switch is used to enable or disable consistency check of code list data

during Incremental ETL run.

0 represents Disable consistency check 1 represents Enable consistency check

3.1.14 ETL_PROCESS_FR_REF_DATA

Section Database

Key ETL_PROCESS_FR_REF_DATA

Default Value 1

Description This switch is used to enable or disable processing of cases impacted due to a

change in code list data during Incremental ETL run.

0 represents Disable 1 represents Enable

3.1.15 ETL_PROCESS_LM_CFG_REF_DATA

Section Database

Key ETL_PROCESS_LM_CFG_REF_DATA

Default Value 1

Description This switch is used to enable or disable processing of cases impacted due to a

change in LM/CFG data during Incremental ETL run.

0 represents Disable 1 represents Enable

3.1.16 ETL_PROCESS_SMQ_CMQ_REF_DATA

Section **Database**

Key ETL_PROCESS_SMQ_CMQ_REF_DATA

Default Value 1

Description This switch is used to enable or disable processing of cases impacted due to a

change in SMQ/CMQ data during Incremental ETL run.

0 represents Disable 1 represents Enable

3.1.17 ETL_SM_ITERATION_NUMBER

Section Database

Kev ETL_SM_ITERATION_NUMBER

Default Value NULL

Description This switch represents the SM Iteration Number during ETL execution.

3.1.18 ETL_STATS_CASCADE_OPTION

Section Database

Key ETL_STATS_CASCADE_OPTION

Default Value TRUE (Statistics should be gathered for all indexes on the table currently

being analyzed)

Description This switch is used to define CASCADE parameter for DBMS_STATS, while

gathering statistics of Stage and Mart Schema.

3.1.19 ETL_STATS_ESTIMATE_PERCENT

Section Database

Key ETL_STATS_ESTIMATE_PERCENT

Default Value 1

Description This switch is used to define **ESTIMATE_PERCENT** parameter for

DBMS_STATS, while gathering statistics of Stage and Mart Schema.

3.1.20 ETL_STATS_METHOD_OPT

Section Database

Key ETL_STATS_METHOD_OPT

Default Value FOR ALL COLUMNS SIZE AUTO

Description This switch is used to define METHOD_OPT parameter for DBMS_STATS,

while gathering statistics of Stage and Mart Schema.

3.1.21 ETL_STATS_PARALLEL_DEGREE

Section Database

Key ETL_STATS_PARALLEL_DEGREE

Default Value NULL

Description This switch is used to define DEGREE of Parallelism for DBMS_STATS,

while gathering statistics of Stage and Mart Schema.

3.1.22 ETL STATUS

Section Database

ETL STATUS Key

Default Value

Description This switch represents the current status of ETL.

> 0 represents No ETL is executed -1 represents Initial ETL is running 1 represents Initial ETL is completed -2 represents Incremental ETL is running

2 represents Incremental ETL is completed

3.1.23 GMT_OFFSET

Section Database

GMT_OFFSET Key

Default Value NULL

Description This switch, which is updated by Mart ETL, stores the GMT Offset Value

based on Argus Safety Setup.

3.1.24 LOG_ETL_SQL

Section Database

Key LOG_ETL_SQL

Default Value 0

Description This switch is used to enable or disable logging of dynamic SQL queries

generated during ETL execution.

0 represents Do not log Queries

1 represents Log Queries

3.1.25 MEMORY_MODEL

Section Database

Key MEMORY_MODEL

Default Value 1

Description This switch is internally used by Schema Creation Tool.

(For Oracle internal use only.)

3.1.26 ODI_ETL_STATUS

Section Database

Key ODI_ETL_STATUS

Default Value

Description This switch is used to prevent parallel ETL executions. The default value of

the switch is 0 and is updated as 1 during ETL execution. This value is reset

to **0** on successful completion of ETL.

3.1.27 RLS_OWNER

Section Database

Key **RLS_OWNER**

Description Defines the Argus Mart Virtual Private Database (VPD) schema name.

3.1.28 SAFETY_DDL_VER

Section Database

Key SAFETY DDL VER

Description Specifies the current version of Argus Safety.

3.2 Enterprise-specific Switches

The following are the Enterprise-specific Internal Common Profile Switches for Argus Mart that belong to the **RM_CMN_PROFILE_ENTERPRISE** table:

START DATE OF CURRENT DATA SUPPORT

START DATE OF LOCKED REVISION SUPPORT

LATEST DATE FOR CURRENT DATA AND LOCKED REVISION SUPPORT

LAST ETL COMPLETION DATE

3.2.1 START DATE OF CURRENT DATA SUPPORT

Section Database

Kev START_DATE_CURRENT_DATA_SUPPORT

Default Value Blank

Description FOR FUTURE USE—When the system is first instantiated, this switch

> represents the minimum EFFECTIVE_START_DATE of the Case Revisions processed by the Initial ETL for each enterprise. Later (in future releases), after archiving or cleaning up of revisions, this value can be set to a later

date.

3.2.2 START DATE OF LOCKED REVISION SUPPORT

Section Database

Kev START_DATE_LOCKED_REVISION_SUPPORT

Default Value Blank

Description FOR FUTURE USE—When the system is first instantiated, this switch

> represents the minimum EFFECTIVE_START_DATE of the Case Revisions processed by the Initial ETL for each enterprise. Later (in future releases), after archiving or cleaning up of revisions, this value can be set to a later date. In this release, this date is same as Start Date of Current Data Support.

3.2.3 LATEST DATE FOR CURRENT DATA AND LOCKED REVISION SUPPORT

Section Database

Key LATEST_DATE_CURRENT_LOCKED_REV_SUPPORT

Default Value Blank

Description This switch represents the Maximum EFFECTIVE_START_DATE of the Case

> Revisions processed by the Initial/Incremental ETL for each enterprise. If the ETL does not update any case, this date must not change. This value must be updated as the last step of a successful ETL. It must not be updated if the

ETL fails due to an error.

3.2.4 LAST ETL COMPLETION DATE

Section Database

Key LAST_ETL_COMPLETION_DATE

Default Value Blank

Description This switch represents the date and time (sysdate of Argus Mart database) of

> the last successfully completed ETL for each enterprise. The last successfully completed ETL must be updated, even if the ETL does not update any case. It must be maintained for administrative purpose only and must not be used

for any as-of query.