Oracle® Communications MetaSolv Solution

Address Correction Utility User's Guide

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Oracle Communications MetaSolv Solution Address Correction Utility User's Guide, Release 6.3

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Contents

Preface

This guide provides information about the Address Correction utility. The Address Correction utility is a part of Oracle Communications MetaSolv Solution (MSS) Utilities.

Audience

This guide is intended for individuals responsible for maintaining end user locations.

Related Documents

For more information, see the following documents in the MSS 6.3 documentation set:

- *MSS Planning Guide:* Describes information you need to consider in planning your MSS environment prior to installation.
- *Installation Guide*: Describes system requirements and installation procedures for installing MSS.
- *MSS System Administrator's Guide:* Describes post-installation tasks and administrative tasks such as maintaining user security.
- *MSS Security Guide:* Provides guidelines and recommendations for setting up MSS in a secure configuration.
- *MSS Database Change Reference:* Provides information on the database changes in MSS releases.
- *MSS Network Grooming User's Guide:* Provides information about the MSS Network Grooming tool.
- *MSS Technology Module Guide:* Describes each of the MSS technology modules.
- *MSS Data Selection Tool How-to Guide:* Provides an overview of the Data Selection Tool, and procedures on how it used to migrate the product catalog, equipment specifications, and provisioning plans from one release of your environment to another.
- *MSS CORBA API Developer's Reference:* Describes how MSS APIs work, high-level information about each API, and instructions for using the APIs to perform specific tasks.
- *MSS Custom Extensions Developer's Reference:* Describes how to extend the MSS business logic with custom business logic through the use of custom extensions.
- *MSS Web Services Developer's Guide:* Describes the MSS Web Services and provides information about the MSS Web Service framework that supports web services,

the various web services that are available, and how to migrate existing XML API interfaces to web service operations.

For step-by-step instructions for tasks you perform in MSS, log in to the application and see the online Help.

Documentation Accessibility

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Getting Started

This chapter introduces the Address Correction utility. The Address Correction utility is a part of Oracle Communications MetaSolv Solution (MSS) Utilities. This chapter provides an overview of the utility and instructions about setting up and running the utility.

Need for Address Correction

In MSS, inconsistencies related to end user locations (EUL) may exist that can cause the following issues:

- You view multiple end user locations that have the same address.
- You view multiple active addresses of the same address structured format at the same end user location.
- You view an end user location (L1) that has an address in MSAG structured format and another end user location (L2) has that same address in OBF structured format.
- You receive inaccurate information when you run a report that prevents you from:
  - Viewing all the services on a particular end user location
  - Analyzing the feasibility of providing a new service

You use the Address Correction utility to resolve inconsistencies related to end user locations, which in turn provides usability and reporting capabilities.

About the Address Correction Utility

The Address Correction utility enables you to resolve inconsistencies related to end user locations in the following scenarios:

- Multiple end user locations having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.
- Multiple active addresses of same address format at the same end user location. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.
- Multiple end user locations having the same address components in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

Installing and Setting Up the Address Correction Utility

The Address Correction utility is a part of MetaSolv Solution Utilities. See *MetaSolv Solution Installation Guide* for information about installing and setting up MetaSolv Solution Utilities.

Running the Address Correction Utility

To run the Address Correction utility:

1. Double-click **tbs_util.exe**.

   The Logon to Utilities window is displayed.

2. In the **User ID** field, enter your user name.
3. In the **Password** field, enter your password.
4. From the **Database** list, select the database to which the Utilities should connect.
5. Click **OK**.

   The MetaSolv Solution Utilities is displayed.

6. From the **Options** menu, select **Address Correction Utility**, then **Address Correction**.

   The Address Correction utility is displayed.

2

Address Correction Utility User Interface

This chapter provides information about the Address Correction utility user interface.

Address Correction Utility Tabs

The Address Correction utility has the following tabs:

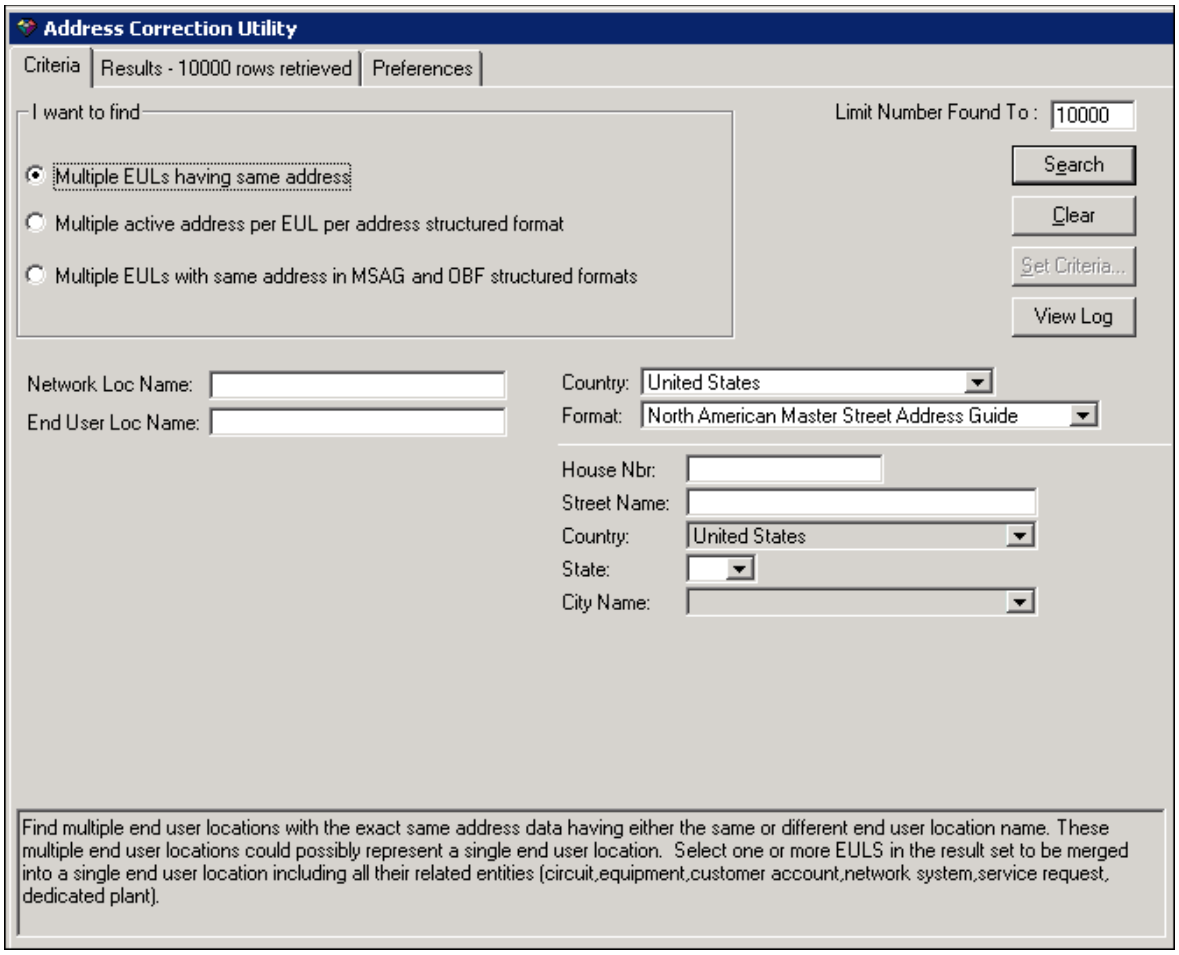
- Criteria Tab
- Results Tab
- Preferences Tab

Criteria Tab

The **Criteria** tab enables you to specify the scenario and its related search criteria to search for end user locations (EULs) that have inconsistencies.

Figure 2–1 shows the **Criteria** tab.

Figure 2–1 Criteria Tab



The **Criteria** tab has the following options under the **I want to find** area:

- **Multiple EULs having same address**: Select this option to search for multiple end user locations that have the same address. See "Resolving Multiple EULs Having the Same Address" for more information.
- **Multiple active address per EUL per address structured format**: Select this option to search for multiple active addresses of the same address structured format at the same end user location. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.
- **Multiple EULs with same address in MSAG and OBF structured formats**: Select this option to search for multiple end user locations that have the same address components in Master Street Address Guide (MSAG) and Ordering and Billing Forum (OBF) structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

Table 2–1 lists the fields on the **Criteria** tab.

Table 2–1 Fields on the Criteria Tab

Field	Description
Limit Number Found To	The maximum number of records to be retrieved for the search. The value that you specify in this field must not exceed the retrieval limit value that you specified in the **Search Retrieval Limit** preference located under Preferences - System Information in the MSS application. See "Setting the Maximum Number of Records to Be Retrieved" for more information.
Search	Click to retrieve information based on your search criteria.
Clear	Clears the specified search criteria.
Set Criteria	Lets you specify wild cards to the search criteria. See "Setting the Search Criteria" for more information.
View Log	Opens the View Log window, which displays the log information.
Network Loc Name	Name of the network location.
End User Loc Name	Name of the end user location.
Country	Lists all the countries that have a valid address structured format. Lists **United States** as the only option for the following scenario: ▪ Multiple EULs with the same address components in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.
Format	Lists the address structured formats valid for the selected country. Based on the format you select, the appropriate address fields are displayed for search. Only those address fields are displayed that have the **Search By** check box selected in Structured Formats setup. The **Search Required** check box must be selected in Structured Formats setup for mandatory address search fields in corresponding component in structured format. Lists an additional option, **Query across all Address Formats**, for the following scenario: ▪ Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information. Selecting a format from this list is mandatory for the following scenario: ▪ Multiple active addresses of the same address format per EUL. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information. Lists only the **North American Master Street Address Guide** and **OBF Service Address Location Information** formats for the following scenario: ▪ Multiple EULs with the same address components in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

Setting the Maximum Number of Records to Be Retrieved

On the **Criteria** tab, the value that you specify in the **Limit Number Found To** field determines the maximum number of records to be retrieved for the search. The value that you specify in this field must not exceed the retrieval limit value that you specified in the **Search Retrieval Limit** preference located under Preferences - System Information in the MSS application.

If the retrieved records exceed the specified retrieval limit in the **Limit Number Found To** field, a warning message displays the value that you must specify in the **Limit Number Found To** field and search again to retrieve all the records.

For example, you may enter **300** in the **Limit Number Found To** field and the total number of records is 320.

In this case, when you click **Search**, a warning message displays **320** as the required value that you must specify in the **Limit Number Found To** field. If you click **OK** on the warning message, the **Results** tab displays only 300 records.

To retrieve all 320 records, in the **Limit Number Found To** field on the **Criteria** tab, enter **320** and click **Search**.

Setting the Search Criteria

On the **Criteria** tab, the **Set Criteria** button lets you specify partial names using wild cards if you do not know the full name to specify in your search criteria.

To set the search criteria:

1. On the **Criteria** tab, click the field where you want to specify the partial name.
2. Click **Set Criteria**.

   The Set Selection Criteria window is displayed.
3. Select one of the following options:
   - **Contains**
   - **Begins With**
   - **Ends With**
   - **Is Less Than**
   - **Is Greater Than**
   - **Equals**
   - **Is Not Equal To**
4. Enter the partial name in the field under the options and click **OK**.

   For example, if you select **Begins With** and enter **HOU** in the field under the options and click **OK**, the expression **Like HOU%** is displayed in the field where you want to specify the partial name.
5. Click **Search**.

   The results are displayed in the **Available Groups** area on the **Results** tab.

Table 2–2 lists the partial search criteria options and the expressions that these options populate in the field where you want to specify the partial name on the **Criteria** tab. In the **Expression** column, HOU is an example of the partial name you enter in the field in the Set Selection Criteria window.

Table 2–2 Partial Search Criteria Options and Their Populated Expressions

Option	Expression
Contains	Like %HOU%
Begins With	Like HOU%
Ends With	Like %HOU
Is Less Than	<HOU
Is Greater Than	>HOU
Equals	=HOU

Table 2–2 (Cont.) Partial Search Criteria Options and Their Populated Expressions

Option	Expression
Is Not Equal To	<>HOU

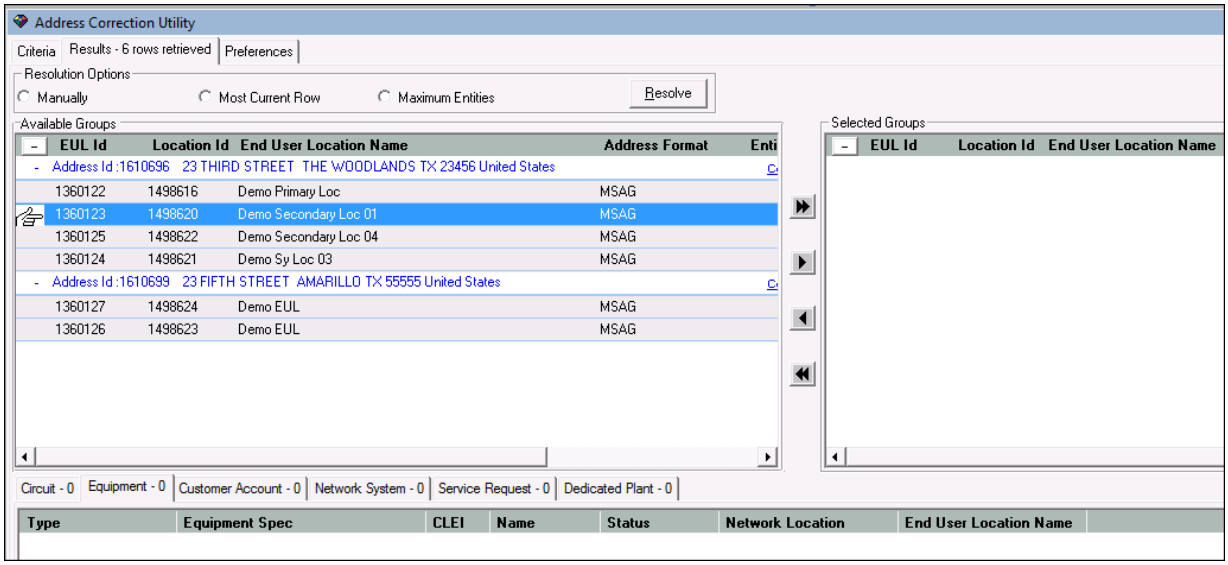
Results Tab

The **Results** tab enables you to:

- View the information that is retrieved based on the search criteria you specified
- View the impacted entities associated with the end user location
- Resolve the existing inconsistencies related to end user locations

Figure 2–2 shows the **Results** tab for the scenario in which multiple end user locations have the same address.

Figure 2–2 Results Tab



The **Results** tab has the following areas:

- Available Groups Area
- Selected Groups Area
- Subtabs on the Results Tab
- Resolution Options Area

Available Groups Area

The **Available Groups** area displays the following information depending on the scenario:

- Groups of end user locations having the same addresses. Each group of end user locations is displayed under an address ID and address that represents the same address within the end user locations. Each group displays the EUL ID, location ID, end user location name, address format, entity count, modified date, and modified user ID for each end user location within that group. This information is displayed if you select the **Multiple EULs having same address** option on the **Criteria** tab. See Table 2–3 for more information on the columns in the **Available**

Groups area.

- Groups of addresses having the same end user location. Each group of addresses is displayed under an EUL ID, location ID, and end user location name that represents the end user location that contains the multiple active addresses of the same format. Each group displays the address ID, address, address format, modified date, and modified user ID of each active address within that group. This information is displayed if you select the **Multiple active address per EUL per address structured format** option on the **Criteria** tab. See Table 2–3 for more information on the columns in the **Available Groups** area.
- Groups of end user locations having the same address components in MSAG and OBF structured formats. Each group of end user locations is displayed under an address that represents end user locations having the same address components in MSAG and OBF structured formats. Each group displays the EUL ID, address ID, location ID, end user location name, address format, entity count, modified date, and modified user ID for each end user location within that group. This information is displayed if you select the **Multiple EULs with same address in MSAG and OBF structured formats** option on the **Criteria** tab. See Table 2–3 for more information on the columns in the **Available Groups** area.

In the **Available Groups** area, you can do the following:

- Expand and collapse each EUL ID and Address ID node.

  When you collapse the EUL ID or Address ID node, the Address Correction utility displays the following information in parenthesis beside the collapsed EUL ID/Address ID node:

  – Total number of rows in the group

  – Total number of selected rows in the group

    For example, (Total: 243 Selected: 12)
- Select multiple rows. To do so, press and hold the **Ctrl** key and click the rows.
- Select a range of rows. To do so, press and hold the **Shift** key and select the range of rows.
- Select all the rows in a group by clicking the EUL ID/Address ID header row.
- Click the row for an end user location to view the count of entities associated with a specific end user location in that group. In the **Entity Count** column, click the **Count** link to view the total count of entities that are associated with all the end user locations within that group.

  The **Count** link is available only for the following scenarios:

  – Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.

  – Multiple EULs with the same address in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.
- Click on a row to retrieve information related to the subtabs on the **Results** tab.
- Double-click any row to view the End User Location Maintenance window.

Selected Groups Area

The **Selected Groups** area displays the following information depending on the scenario:

- Groups of end user locations having the same addresses. Each group of end user locations is displayed under an address ID and address that represents the same address within the end user locations. Each group displays the EUL ID, location ID, end user location name, address format, entity count, modified date, and modified user ID for each end user location within that group. This information is displayed if you select the **Multiple EULs having same address** option on the **Criteria** tab. See Table 2–3 for more information on the columns in the **Selected Groups** area.

  You can select any one of these end user locations as your primary end user location. The primary end user location is the only end user location that is retained after the resolution process completes successfully. All the remaining end user locations are replaced by the selected primary end user location. See "Resolution Options Area" for more information about the available resolution options.

- Groups of addresses having the same end user location. Each group of addresses is displayed under an EUL ID, location ID, and end user location name that represents the end user location that contains the multiple active addresses of the same format. Each group displays the address ID, address, address format, modified date, and modified user ID of each active address within that group. This information is displayed if you select the **Multiple active address per EUL per address structured format** option on the **Criteria** tab. See Table 2–3 for more information on the columns in the **Selected Groups** area.

  You can select any one of these addresses as your primary address. The primary address is the only address that is retained after the resolution process completes successfully. All the remaining addresses are replaced by the selected primary address. See "Resolution Options Area" for more information about the available resolution options.

- Groups of end user locations having the same address components in MSAG and OBF structured formats. Each group of end user locations is displayed under an address that represents end user locations having the same address components in MSAG and OBF structured formats. Each group displays the EUL ID, address ID, location ID, end user location name, address format, entity count, modified date, and modified user ID for each end user location within that group. This information is displayed if you select the **Multiple EULs with same address in MSAG and OBF structured formats** option on the **Criteria** tab. See Table 2–3 for more information on the columns in the **Selected Groups** area.

  The end user location that has the address in OBF structured format is selected as the primary end user location by default. After the resolution process completes successfully, the end user location that has the address in MSAG structured format is merged into the primary end user location that has the address in OBF structured format. See "Resolution Options Area" for more information about the available resolution options.

In the **Selected Groups** area, you can do the following:

- Expand and collapse each EUL ID and Address ID node.

  When you collapse the EUL ID or Address ID node, the Address Correction utility displays the following information in parenthesis beside the collapsed EUL ID/Address ID node:

  – Total number of rows in the group

  – Total number of selected rows in the group

    For example, (Total: 243 Selected: 12)

- Select multiple rows. To do so, press and hold the **Ctrl** key and click the rows.
- Select a range of rows. To do so, press and hold the **Shift** key and select the range of rows.
- Select all the rows in a group by clicking the EUL ID/Address ID header row.
- Click the row for an end user location to view the count of entities associated with a specific end user location in that group. In the **Entity Count** column, click the **Count** link to view the total count of entities that are associated with all the end user locations within that group.

  The **Count** link is available only for the following scenarios:

  – Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.

  – Multiple EULs with the same address in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

Table 2–3 lists the columns in the **Available Groups** and **Selected Groups** areas.

Table 2–3 Columns in the Available Groups and Selected Groups Areas

Column	Description
EUL Id	A unique identifier for an end user location.
End User Location Name	Name of the end user location.
Location Id	ID of the location.
Address Id	A unique identifier for an address.
Address	Address of the active address.
Address Format	Address structure format for the address.
Entity Count	Shows the total count of entities that are associated with multiple end user locations. Contains the **Count** link.
Modified Date	The date on which the information about the end user locations or addresses was modified.
Modified Userid	The user who modified the information about the end user locations or addresses.
Check Box	Select the check box beside the row for the end user location/address that you want to set as the primary. The primary end user location/address is the only end user location/address that is retained after the resolution process completes successfully.

Moving Rows Between the Available Groups and Selected Groups Areas

Table 2–4 lists the options that enable you to move rows between the **Available Groups** and **Selected Groups** areas.

Table 2–4 Options for Moving Rows Between Available Groups and Selected Groups Areas

Option	Description
Single Arrow	Moves the selected end user location/address rows between the **Available Groups** area and the **Selected Groups** area.
Double Arrow	Moves all the end user location/address rows between the **Available Groups** area and the **Selected Groups** area.

Subtabs on the Results Tab

The **Results** tab has the following subtabs:

- Circuit Subtab
- Equipment Subtab
- Customer Account Subtab
- Network System Subtab
- Service Request Subtab
- Dedicated Plant Subtab

Circuit Subtab

The **Circuit** subtab provides information about all the circuits whose originating/terminating location or the corresponding Local Service Offices (LSOs) is the selected end user location, regardless of the status of the circuit.

Table 2–5 lists the columns on the **Circuit** subtab.

Table 2–5 Columns on the Circuit Subtab

Column	Description
Identification	ECCKT (circuit ID) of the circuit.
Originating Location	Originating location of the circuit.
Terminating Location	Terminating location of the circuit.
Originating Name/ID	Name/ID of the originating network element associated with the circuit.
Terminating Name/ID	Name/ID of the terminating network element associated with the circuit.
Status	Status of the circuit.

Equipment Subtab

The **Equipment** subtab provides information about all the equipment associated with the end user location, regardless of the status of the equipment.

Table 2–6 lists the columns on the **Equipment** subtab.

Table 2–6 Columns on the Equipment Subtab

Column	Description
Type	Type of the equipment.
Equipment Spec	Manufacturer, part number, issue number, and acronym for the equipment specification.
CLEI	Equipment code, as defined by iconectiv COMMON LANGUAGE Equipment Identifier.
Name	Name associated with an installed piece of equipment.
Status	Status of a piece of equipment.
Network Location	Location where the equipment is installed.
End User Location Name	Name of the end user location.

Customer Account Subtab

The **Customer Account** subtab provides information about the customer accounts that have services associated with the end user location.

Table 2–7 lists the columns on the **Customer Account** subtab.

Table 2–7 Columns on the Customer Account Subtab

Column	Description
Account Number	Number used to identify a customer account.
Status	Identifies the current status of the customer account.
Account Type	Identifies the type of account this account represents.
Service Category	Identifies the service category of the customer.
Account Name	An individual's name or the company name.
Address	Address of the customer.

Network System Subtab

The **Network System** subtab lists information about the network systems in which the network components are associated with the end user location.

Table 2–8 lists the columns on the **Network System** subtab.

Table 2–8 Columns on the Network System Subtab

Column	Description
Network System Type	Specific type of the network system.
Configuration Type	Name of the network system configuration type.
Short Name	Short name of the network system.
Long Name	Long name of the network system.
Description	Description of the network system.
Status	Status of the network system.
Component Type	Type of pre-defined component contained in a network template.
Component Name	Unique name of the component in the network system.

Service Request Subtab

The **Service Request** subtab lists information about the service requests associated with the end user location.

- Service requests associated with the end user location

Table 2–9 lists the columns on the **Service Request** subtab.

Table 2–9 Columns on the Service Request Subtab

Column	Description
Order Type	The type of service request: ■ ASR (Access Service Request) ■ ISR (Internal Service Request) ■ PSR (Product Service Request) ■ LSR (Local Service Request) ■ EWO (Engineering Work Order)
Order Number	Provider-assigned service order number for the requested service.
PON	Indicates a provider-assigned identifier for the purchase order that authorized the service request.
Related PON	PON of another service request related to this service request.
Project	Project associated with the service request.
Supplement Type	Reason for issuing the supplement for an order. A supplement is any new iteration of an access order. For example, 1 - Cancel, 2 - New due date, 3 - Other change, 4 - Correction.
Account Nbr	Customer account number associated with the order.
Account Name	Customer account name.
Responsible Party	Person who is primarily responsible for an order.
Desired Due Date	Date on which the customer wants the service to be activated, deactivated, or changed.

Dedicated Plant Subtab

The **Dedicated Plant** subtab provides information about the dedicated plant associated with the end user location.

Table 2–10 lists the columns on the **Dedicated Plant** subtab.

Table 2–10 Columns on the Dedicated Plant Subtab

Column	Description
Location Information	End user location information related to the dedicated plant.
Cable Name	Name of the cable whose pair is associated with the dedicated plant.
Pair/Fiber Number	Cable pair/fiber number associated with the dedicated plant.
Equip Name	Equipment associated with the dedicated plant.
Port Address Seq	Port address of the equipment associated with the dedicated plant.

Resolution Options Area

The **Resolution Options** area provides options that enable you to select a primary end user location/address to resolve inconsistencies related to end user locations. The primary end user location/address is the only end user location/address that is retained after the resolution process completes successfully. The **Resolution Options** area has the following options:

- **Manually**: Enables you to manually select the primary end user location or primary address in the **Selected Groups** area by selecting the check box beside the end user location or address that you want to set as the primary. This option is available for the following scenarios:

  - Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.
  - Multiple active addresses of the same address format per EUL. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.
  - Multiple EULs with the same address in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

- **Most Current Row**: Automatically selects the end user location that has the latest modified date as the primary address or primary end user location in the **Selected Groups** area. This option is available only for the following scenarios:
  - Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.
  - Multiple active addresses of the same address format per EUL. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.
- **Maximum Entities**: Automatically selects the end user location that has the maximum number of impacted entities as the primary end user location in the **Selected Groups** area. This option is available only for the following scenario:
  - Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.
- **Resolve**: Click to resolve inconsistencies related to end user locations.

  For the resolution process to be successful, ensure the following in the **Selected Groups** area before you click **Resolve**:
  - Each group must have at least two rows to resolve inconsistencies related to end user locations.
  - You must select at least one row as the primary end user location or address in each group.

  After you click **Resolve**, the following occurs:
  - A confirmation message is displayed that lists the total count of all the entities that will be impacted by the resolve action. Click **Yes** to continue with the resolution process or click **No** to cancel the resolution process.

    Note: After you click **Yes**, the references of all the end user locations in a group are moved to the primary end user location. You cannot undo this action.

  - A summary of all the information related to the resolution process is logged. In addition, all the details including success, failure, and manual messages related to the resolution process for each scenario are displayed. See "Viewing Log Information" for more information.

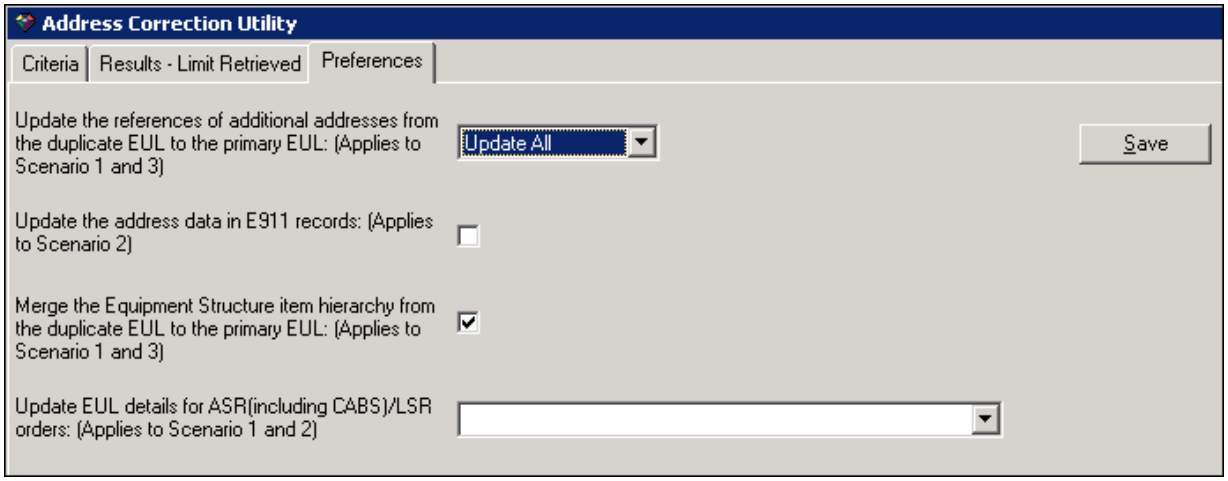
Preferences Tab

The **Preferences** tab has preferences that govern the functionality of the Address Correction utility.

Note: On the **Preferences** tab, click **Save** to save your settings for the preferences. If you change the preference settings and navigate away from the **Preferences** tab without saving your changes, a message is displayed that prompts you to save your settings.

Figure 2–3 shows the **Preferences** tab.

Figure 2–3 Preferences Tab



The **Preferences** tab has the following preferences:

- **Update the references of additional addresses from the duplicate EUL to the primary EUL**

  This preference is applicable to the following scenarios:

  – Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.

  – Multiple EULs with the same address in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

  This preference has the following options:

  – **Update Nothing** (This is the default): Does not update the references of additional addresses from duplicate end user locations to the primary end user location.

    Consider an example of the scenario where multiple end user locations have the same address. In this example, one end user location with ID L1 has an address with ID A1 in MSAG structured format and the other end user location with ID L2 has that same address with ID A1 in MSAG structured format. Suppose the end user location with ID L2 has an additional address with ID A2 in SF1 structured format.

    Table 2–11 lists the EUL information before the resolution process is started.

Table 2–11 EUL Information Before Resolution

Location ID	Address ID	Structured Format Type
L1	A1	MSAG

Table 2–11 (Cont.) EUL Information Before Resolution

Location ID	Address ID	Structured Format Type
L2	A1	MSAG
L2	A2	SF1

If you select the **Update Nothing** option, the resolution process does not update the references of additional addresses from duplicate end user locations to the primary end user location and retains the existing EUL information as is.

Table 2–12 lists the EUL information after the resolution process is completed.

Table 2–12 EUL Information After Resolution

Location ID	Address ID	Structured Format Type
L1	A1	MSAG
L2	A1	MSAG
L2	A2	SF1

– **Update All**: Updates the references of additional addresses from duplicate end user locations to the primary end user location.

Consider an example of the scenario where multiple end user locations have the same address. In this example, one end user location with ID L1, has an address with ID A1 in MSAG structured format and the other end user location with ID L2 has that same address with ID A1 in MSAG structured format. Suppose the end user location with ID L2 has an additional address with ID A2 in SF1 structured format.

Table 2–13 lists the EUL information before the resolution process is started.

Table 2–13 EUL Information Before Resolution

Location ID	Address ID	Structured Format Type
L1	A1	MSAG
L2	A1	MSAG
L2	A2	SF1

In this example, the end user location with ID L1 having the address with ID A1 in MSAG structured format is selected as the primary; as a result, end user location with ID L2 having that same address with ID A1 in MSAG structured format is moved into the primary end user location with ID L1. If you select the **Update All** option, the resolution process also moves address with ID A2 in SF1 structured format located at end user location with ID L2 into the primary end user location with ID L1.

Table 2–14 lists the EUL information after the resolution process is completed.

Table 2–14 EUL Information After Resolution

Location ID	Address ID	Structured Format Type
L1	A1	MSAG
L1	A2	SF1

- **Update the address data in E911 records**

  This preference is applicable to the following scenario:

  – Multiple active addresses of the same address format per EUL. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.

  This preference has the following options:

  – **No** (This is the default): The primary end user location's address information is not updated in the E911 records. The end user location's address and the end user location address information in the E911 records may differ after the resolution process. You may have to do some manual steps displayed in the log to correct this inconsistency. See serial number 11 in Table 6–3 for more information.

  – **Yes**: The primary end user location's address information is updated in the E911 Records. The end user location's address and the end user location address information in the E911 records within MSS remains the same; however, it may differ in third-party systems after the resolution process. You may have to do some manual steps displayed in the log to correct this inconsistency. See serial number 12 in Table 6–3 for more information.

- **Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL**

  This preference is applicable to the following scenarios:

  – Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.

  – Multiple EULs with the same address in MSAG and OBF structured formats. See "Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats" for more information.

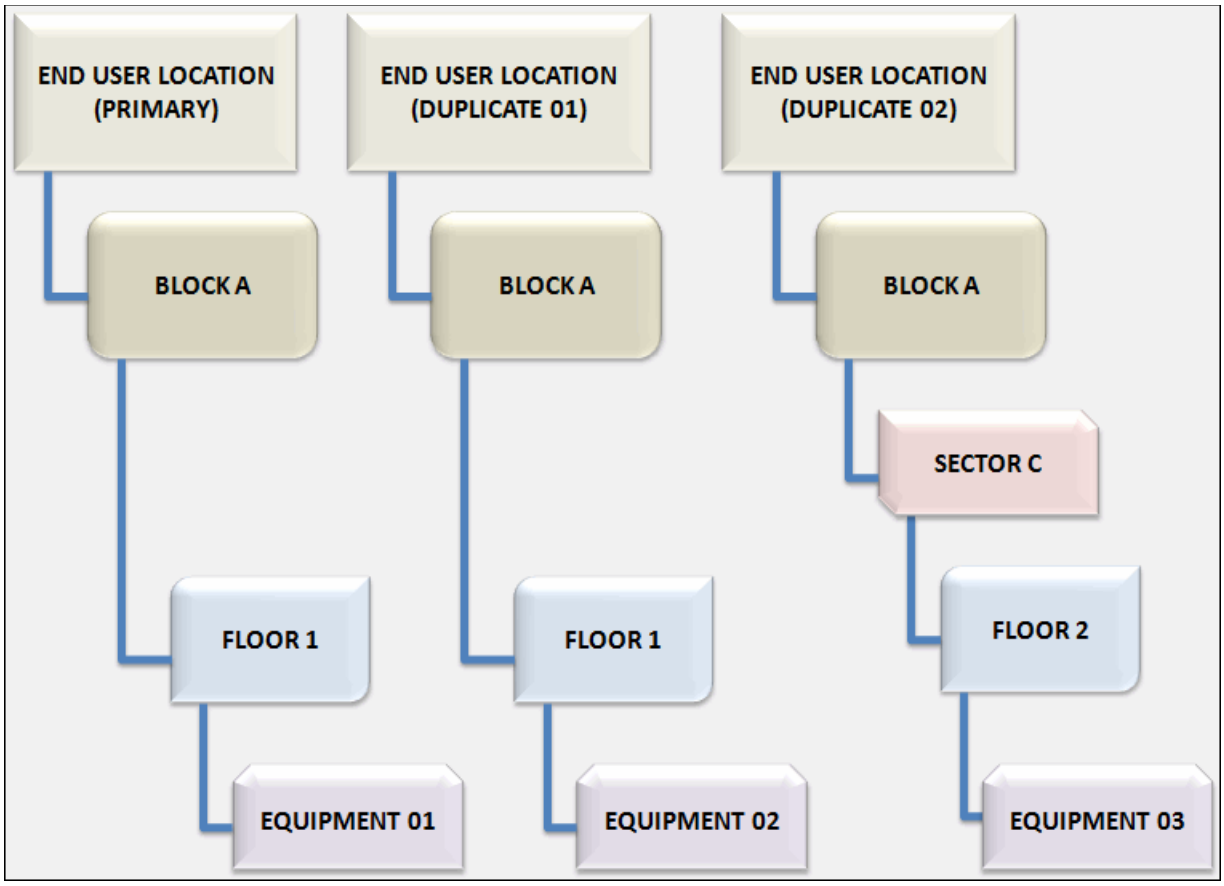
  This preference has the following options:

  – **No** (This is the default): Does not merge the equipment structure items hierarchy (including all the equipment under each structure item) from the duplicate end user location to the primary end user location. See serial number 6 in Table 6–3 for more information.

  – **Yes**: Merges the equipment structure items hierarchy (including all the equipment under each structure item) from the duplicate end user location to the primary end user location. See serial number 6 in Table 6–3 for more information.

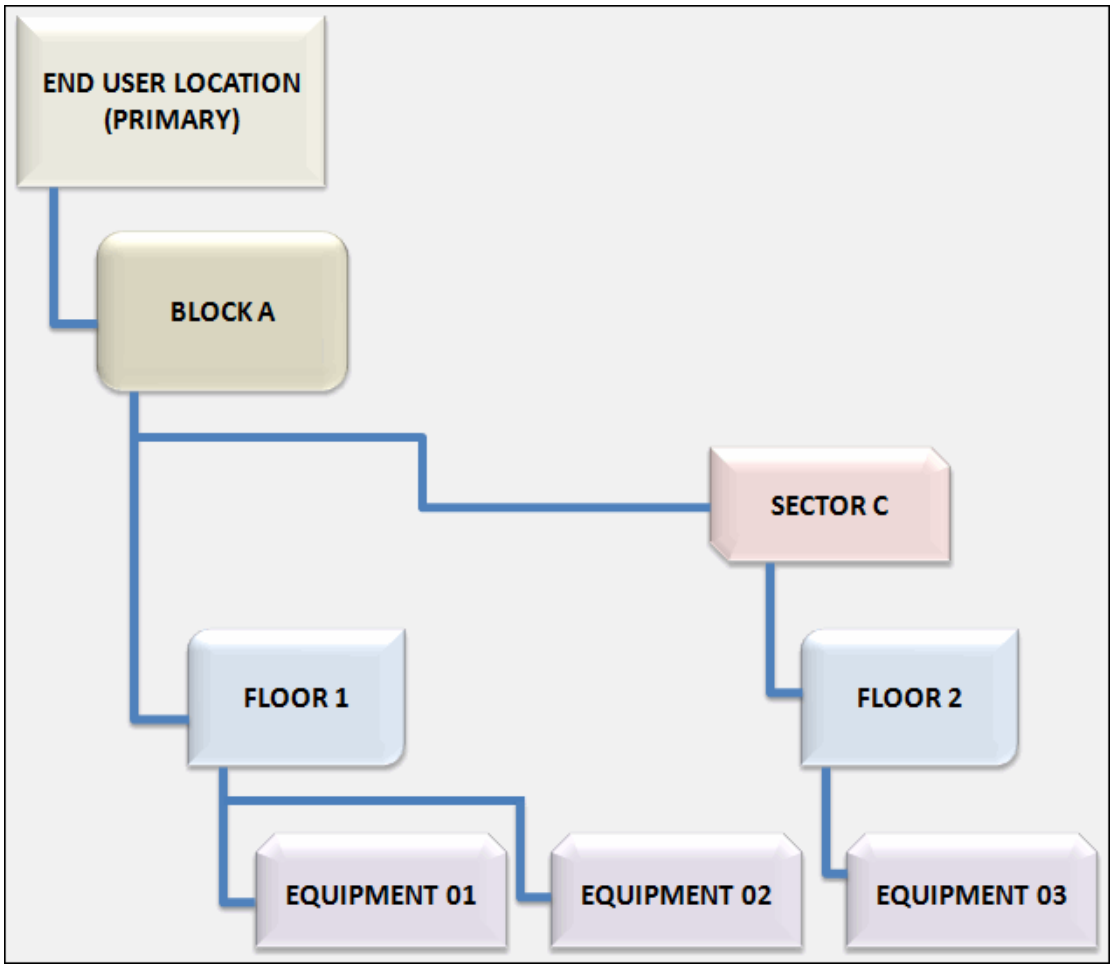
    Consider an example in which a primary end user location (END USER LOCATION PRIMARY), has equipment (EQUIPMENT 01) installed in the equipment structure item hierarchy as shown in Figure 2–4. In addition, there are two duplicate end user locations (END USER LOCATION DUPLICATE 01 and END USER LOCATION DUPLICATE 02) that have equipment (EQUIPMENT 02 and EQUIPMENT 03) installed in the equipment structure item hierarchy as shown in Figure 2–4.

Figure 2–4 Before the Equipment Structure Item Hierarchy Is Merged



In this example, when you set the **Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL** preference to **Y**, the Address Correction utility merges the equipment structure item hierarchies of the duplicate end user locations, END USER LOCATION (DUPLICATE 01) and END USER LOCATION (DUPLICATE 02), into the equipment structure item hierarchy of the primary end user location, END USER LOCATION (PRIMARY), as shown in Figure 2–5.

Figure 2–5 After the Equipment Structure Item Hierarchy Is Merged



- **Update EUL details for ASR(including CABS)/LSR orders**

  This preference is applicable to the following scenarios:

  – Multiple EULs having the same address. See "Resolving Multiple EULs Having the Same Address" for more information.

  – Multiple active addresses of the same address format per EUL. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.

  This preference has the following options:

  – **Update Nothing** (This is the default): Does not update the end user location information for any of the ASR (including CABS) and LSR orders, regardless of their order status.

  – **Update All**: Updates the EUL info for all the ASR (including CABS) and LSR orders, regardless of their order status.

  – **Update orders with no provisioning plan assigned**: Updates the EUL info only for the ASR (including CABS) and LSR orders that have no provisioning plan assigned.

MetaSolv Solution Utilities Secondary Toolbar

In MetaSolv Solution Utilities, the secondary toolbar has the following buttons:

- **Export**: Enables you to export the data in the **Available Groups** area. See "Exporting Available Groups Data" for more information.
- **View Log**: Enables you to view the log information for the jobs that you run to resolve inconsistencies related to end user locations for each scenario. See "Viewing Log Information" for more information.

Exporting Available Groups Data

On the **Results** tab, you can export data in the **Available Groups** area into a file and save the file to any location. You can save the exported data in the following recommended formats:

- CSV (.csv)
- CSV (.csv) with header
- Microsoft Excel (.xls) with header
- Microsoft Excel (.xls)

To export the available groups data:

1. Log in to the MetaSolv Solution Utilities.
2. From the **Options** menu, select **Address Correction Utility**, then **Address Correction**.

   The Address Correction utility is displayed.
3. On the **Criteria** tab, specify your search criteria and click **Search**.

   The search results are displayed in the **Available Groups** area of the **Results** tab.
4. On the secondary toolbar, click **Export**.

   The Save As dialog box is displayed.
5. In the **File name** field, specify a name for the file.
6. From the **Save in** list, navigate to the location where you want to save the file.
7. From the **Save as type** list, select the file format.
8. Click **Save**.

3

Resolving Multiple EULs Having the Same Address

This chapter demonstrates how to use the Address Correction utility to resolve multiple end user locations (EULs) that have the same address.

Scenario Overview

In this scenario, multiple end user locations with IDs L1, L2, and L3 have the same address with ID A1. You can select one end user location (for example, with ID L1) as the primary. After you resolve, only the primary end user location with ID L1 is retained and all the remaining end user locations (with IDs L2 and L3) are replaced with the primary end user location with ID L1 that has the address with ID A1.

The following preferences govern this scenario:

- Update the references of additional addresses from the duplicate EUL to the primary EUL
- Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL
- Update EUL details for ASR(including CABS)/LSR orders

Resolving Multiple EULs Having Same Address

To resolve multiple end user locations having the same address:

1. Run the Address Correction utility. See "Running the Address Correction Utility" for more information.
2. Click the **Criteria** tab.
3. Under the **I want to find** area, select the **Multiple EULs having same address** option.
4. From the **Country** list, select a country.
5. From the **Format** list, select an address structured format.
6. Specify your search criteria in the **Network Loc Name**, **End User Loc Name**, or any of the address fields and click the fields where you want to specify the partial names using wild cards and click **Set Criteria**. See "Setting the Search Criteria" for more information.
7. In the **Limit Number Found To** field, enter the maximum number of records to be retrieved for the search. See "Setting the Maximum Number of Records to Be Retrieved" for more information.

8. Click **Search**.

   The Address Correction utility searches for all the groups of end user locations that have the same address based on the specified search criteria. The **Results** tab displays multiple end user locations grouped by address ID in the **Available Groups** area.

   Consider an example where the end user locations and addresses exist with IDs as shown in Table 3–1.

Table 3–1 End User Locations and Addresses

End User Location Name	Location ID	Address ID
EUL1	L1	A1
EUL2	L2	A1
EUL3	L3	A1
EUL4	L4	A2

   If you specify **EUL1** in the **End User Loc Name** field, the Address Correction utility first searches for the address to which L1 belongs, and then it retrieves all the duplicate end user locations that belong to that address.

   In this example, EUL1 belongs to the location with ID L1 and to the address with ID A1; therefore, the Address Correction utility retrieves the following end user locations that belong to A1 and displays them in the **Available Groups** area on the **Results** tab:

   - L1
   - L2
   - L3

   In this example, EUL4 belonging to the location with ID L4 is not retrieved in the search results because it belongs to the address with ID A2.

9. (Optional) On the secondary toolbar, click **Export** to export the data displayed in the **Available Groups** area. See "Exporting Available Groups Data" for more information.

10. Do one of the following:

    - Select the end user locations/groups of end user locations you want to resolve and click the single arrow button, which moves the selected end user locations/groups of end user locations from the **Available Groups** area to the **Selected Groups** area.
    - Click the double arrow button to move all the end user locations from the **Available Groups** area to the **Selected Groups** area.

11. In the **Resolution Options** area, select one of the following options depending on how you want to resolve multiple end user locations that have the same address:

    - **Manually**
    - **Most Current Row**
    - **Maximum Entities**

      See "Resolution Options Area" for more information.

12. Click **Resolve**.

Note: The amount of time taken by the Address Correction utility to complete the resolution process depends on the number of rows in the **Selected Groups** area.

A confirmation message is displayed that lists the total count of all the entities that will be impacted by the resolve action.

13. Click **Yes**.

    You cannot undo this action.

    A unique identifier (Job ID) is generated for the group of data in the **Selected Groups** area whose data inconsistencies are being resolved. This identifier is used to compile log information in the View Log window. See "Viewing Log Information" for more information.

    The references of all the end user locations are moved to the primary end user location.

4

Resolving Multiple Active Addresses of the Same Address Format per EUL

This chapter demonstrates how to use the Address Correction utility to resolve the scenario in which multiple active addresses of the same format exist in an end user location (EUL).

Scenario Overview

In this scenario, an end user location with ID L1 has multiple active addresses with IDs A1, A2, and A3 of the same structured format. You can select one active address (for example, with ID A1) as the primary. After you resolve, only the primary active address with ID A1 is retained and all the references of the remaining addresses (with IDs A2 and A3) are replaced with the primary active address with ID A1 at the end user location with ID L1.

The following preferences govern this scenario:

- Update the address data in E911 records
- Update EUL details for ASR(including CABS)/LSR orders

Resolving Multiple Active Addresses of the Same Address Format Per EUL

To resolve active addresses of the same address format per end user location:

1. Run the Address Correction utility. See "Running the Address Correction Utility" for more information.
2. Click the **Criteria** tab.
3. Under the **I want to find** area, select the **Multiple active address per EUL per address structured format** option.
4. From the **Country** list, select a country.
5. From the **Format** list, select an address structured format.

   Specifying an address format is mandatory for this scenario. The **Query across all Address Formats** option is not available for this scenario.
6. Specify your search criteria in the **Network Loc Name**, **End User Loc Name**, or any of the address fields and click the fields where you want to specify the partial names using wild cards and click **Set Criteria**. See "Setting the Search Criteria" for more information.

7. In the **Limit Number Found To** field, enter a value. This value determines the maximum number of records to be retrieved for the search. See "Setting the Maximum Number of Records to Be Retrieved" for more information.
8. Click **Search**.

   The Address Correction utility searches for all the end user locations with multiple active addresses of the same structured format. The **Results** tab displays multiple active addresses grouped by end user location ID in the **Available Groups** area.

   Consider an example where the active addresses and end user locations exist with IDs as shown in Table 4–1.

Table 4–1 Multiple Active Addresses Per End User Location

Address ID	Location ID	Structured Format
A1	L1	MSAG
A2	L1	MSAG
A3	L1	MSAG
A1	L2	MSAG

   For example, if you enter the following as your search criteria:

   - From the **Format** list, select **North American Master Street Address Guide**.
   - In the address fields, specify the address for **A1**.

   The Address Correction utility first searches for the end user location to which A1 belongs, and then it retrieves all the active addresses that belong to that end user location.

   In this example, A1 belongs to the to the end user location with ID L1 with MSAG structured format; therefore, the Address Correction utility retrieves the following active addresses of MSAG structured format that belong to end user location with ID L1 and displays them in the **Available Groups** area on the **Results** tab:

   - A1
   - A2
   - A3

   In this example, the address with ID A1 belonging to end user location with ID L2 is not retrieved in the search results because L2 does not have multiple active addresses of MSAG structured format.
9. (Optional) On the secondary toolbar, click **Export** to export the data displayed in the **Available Groups** area. See "Exporting Available Groups Data" for more information.
10. Do one of the following:

    - Select the addresses/groups of addresses you want to resolve and click the single arrow button, which moves the selected addresses/groups of addresses from the **Available Groups** area to the **Selected Groups** area.
    - Click the double arrow button to move all the addresses from the **Available Groups** area to the **Selected Groups** area.
11. In the **Resolution Options** area, select one of the following options depending on how you want to resolve multiple active addresses of the same address format per end user location:

- **Manually**
- **Most Current Row**

  See "Resolution Options Area" for more information.

12. Click **Resolve**.

    Note: The amount of time taken by the Address Correction utility to complete the resolution process depends on the number of rows in the **Selected Groups** area.

    A confirmation message is displayed that lists the total count of all the entities that will be impacted by the resolve action.

13. Click **Yes**.

    You cannot undo this action.

    A unique identifier (Job ID) is generated for the group of data in the **Selected Groups** area whose data inconsistencies are being resolved. This identifier is used to compile log information in the View Log window. See "Viewing Log Information" for more information.

    The references of all the active addresses are moved to the primary address.

5

Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats

This chapter demonstrates how to use Address Correction utility to resolve the scenario in which multiple end user locations (EUL) have the same address in Master Street Address Guide (MSAG) and Ordering and Billing Forum (OBF) structured formats.

Scenario Overview

In this scenario, two end user locations have the same address components in different structured formats. One end user location with ID L1 has an address in MSAG structured format and the other end user location with ID L2 has that same address in OBF structured format.

By default, the end user location with ID L2 having the address in OBF structured format is selected as the primary. After you resolve, only the primary end user location with ID L2 is retained and the end user location with ID L1 having the address in MSAG structured format is merged with the primary end user location with ID L2.

> **Note:** In this scenario, the Address Correction utility always selects the end user location having the address in OBF structured format as the primary by default.

The following preferences govern this scenario:

- Update the references of additional addresses from the duplicate EUL to the primary EUL
- Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL

Resolving Multiple EULs with the Same Address in MSAG and OBF Structured Formats

To resolve multiple end user locations with the same address in MSAG and OBF structured formats:

1. Run the Address Correction utility. See "Running the Address Correction Utility" for more information.
2. Click the **Criteria** tab.

3. Under the **I want to find** area, select the **Multiple EULs having same address** option.
4. Specify your search criteria in the **Network Loc Name**, **End User Loc Name**, or any of the address fields.
5. From the **Country** list, select **United States**.

   United States is the only option available in the **Country** list for this scenario.
6. From the **Format** list, select one of the following:
   - **North American Master Street Address Guide**
   - **OBF Service Address Location Information**

   The Address Correction utility searches for addresses in both the MSAG and OBF structured formats, irrespective of the format you select from the **Format** list.
7. (Optional) Click the field where you want to specify the partial name and click **Set Criteria**.

   The Set Selection Criteria window is displayed that lets you specify partial names using wild cards if you do not know the full name to specify in your search criteria. See "Setting the Search Criteria" for more information.
8. In the **Limit Number Found To** field, specify a value. This value determines the maximum number of records to be retrieved for the search. See "Setting the Maximum Number of Records to Be Retrieved" for more information.
9. Click **Search**.

   The Address Correction utility searches for all the groups of end user locations that have the same address in MSAG and OBF structured formats. The **Results** tab displays multiple end user locations grouped by address ID in the **Available Groups** area.

   Consider an example where the end user locations and addresses exist with IDs as shown in Table 5–1.

Table 5–1 End User Locations and Addresses

Address	Address ID	Location ID	Structured Formats
23, TEST ST, TX, 23456	A1	L1	MSAG
23, TEST ST, TX, 23456	A2	L2	OBF
25, TEST ST, TX, 23457	A3	L3	MSAG
24, TEST ST, TX, 23456	A4	L4	OBF

   If you select **TX** form the **State** list, the Address Correction utility searches for the end user locations that have matching address components. In this example, the Address Correction utility retrieves the following end user locations that have matching address components (23, TEST ST, TX, 23456) and displays them in the **Available Groups** area on the **Results** tab:
   - End user location with ID L1 that has address with ID A1 in MSAG structured format
   - End user location with ID L2 that has address with ID A2 in OBF structured format

   In this example, the following end user locations are not retrieved in the search results because they do not have matching address components:

- End user location with ID L3 that has address with ID A3 in MSAG structured format
- End user location with ID L4 that has address with ID A4 in OBF structured format

Consider another example where the end user locations and addresses exist with IDs as shown in Table 5–2.

Table 5–2 End User Locations and Addresses

Address	Address ID	Location ID	Structured Formats
23, TEST ST, TX, 23456	A1	L1	MSAG
23, TEST ST, TX, 23456	A2	L2	OBF
25, TEST ST, TX, 23457	A3	L3	MSAG
24, TEST ST, TX, 23456	A4	L4	OBF
26, TEST ST, TX, 55555	A5	L1	OBF

If you select **TX** form the **State** list, the Address Correction utility searches for the end user locations that have matching address components. In this example, the Address Correction utility does not display any results in the **Available Groups** area on the **Results** tab, because even though the address components (23, TEST ST, TX, 23456) of the end user locations with ID L1 and ID L2 are matching, an additional address with ID A5 exists in OBF structured format at the end user location with ID L1.

10. (Optional) On the secondary toolbar, click **Export** to export the data displayed in the **Available Groups** area. See "Exporting Available Groups Data" for more information.
11. Do one of the following:
    - Select the end user locations you want to resolve and click the single arrow button, which moves the selected end user locations from the **Available Groups** area to the **Selected Groups** area.
    - Click the double arrow button to move all the end user locations from the **Available Groups** area to the **Selected Groups** area.
12. In the **Selected Groups** area, the end user location having the address in OBF structured format is selected as the primary end user location by default.
13. Click **Resolve**.

    Note: The amount of time taken by the Address Correction utility to complete the resolution process depends on the number of rows in the **Selected Groups** area.

    A confirmation message is displayed that lists the total count of all the entities that will be impacted by the resolve action.
14. Click **Yes**.

    You cannot undo this action.

    A unique identifier (Job ID) is generated for the group of data in the **Selected Groups** area whose data inconsistencies are being resolved. This identifier is used

to compile log information in the View Log window. See "Viewing Log Information" for more information.

The end user location having the address in MSAG format is merged with the end user location having the address in OBF structured format (primary).

6

Viewing Log Information

This chapter provides information about the View Log window in the Address Correction utility.

View Log Window

The View Log window displays the log information for the jobs that you run to resolve inconsistencies related to end user locations. This information is logged in the ASAP.ACU_LOG table in the MSS database.

The View Log window has the following sections:

- View Log Search Section
- View Log Results Section

View Log Search Section

The View Log Search section enables you to search for the required log information.

Figure 6–1 shows the View Log Search section.

Figure 6–1 View Log Search Section

Table 6–1 lists the fields in the View Log Search section.

Table 6–1 Fields in the View Log Search Section

Field	Description
Job Id	Unique identifier for the job.
Log Details	Enables you to specify wild cards to search for log information. See Table 2–2 for more information on the wild cards you can specify in this field.
From Date	The date from which to search for the log information. Defaults to a date one week before the current date.
Through Date	The date until which to search for the log information. Defaults to the current date.

Table 6–1 (Cont.) Fields in the View Log Search Section

Field	Description
Status	Status of the job: ■ **Pass**: Indicates that the job ran successfully and all the inconsistencies related to end user locations were resolved in the selected group. ■ **Fail**: Indicates that the job did not run successfully and processing was halted for at least one of the duplicate end user locations/addresses. For example, if the duplicate end user location has a network location alias in the scenario where multiple end user locations have the same address, the processing stops for that particular end user location but the job continues processing for the remaining duplicate end user locations and the status of the job is displayed as **Fail**. ■ **Manual**: Indicates that the job ran successfully and manual steps may be required to reconcile data in the MSS application or third-party systems. For example, if the location name is not updated in the Connection Design Window - CLR/DLR Design view, the status of the job is displayed as **Manual**, which indicates that you must do some manual steps to update the location in the MSS application.
Search	Click to retrieve the log information that matches the specified search criteria.
Purge Before (Days)	Data older than the number of days specified in this field is purged. Defaults to 30.
Purge	Click to purge the log information. You cannot undo this action.

View Log Results Section

The View Log Results section displays the log information that you search for.

Figure 6–2 shows the View Log Results section.

Figure 6–2 View Log Results Section

Job Id	Sequence		Start Date	End Date	Status	User Id
1003			4/23/2014 03:14:42	4/23/2014 03:15:51	Fail	ASAP
	1	/**********Job id: 1003 **********/ Scenario: Multiple EULs having same address. Resolution Option: Manual. Preferences : Update EUL details for ASR/LSR orders:- Update Nothing. Update the references of additional addresses from the duplicate EUL to the primary EUL:- Update Nothing. Update the address data in E911 records: :- Yes Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL:- Yes				
	2	Primary Location id: 1498616 End User Location Name: Demo Primary Loc Network Location Name: Demo Primary Loc				
	3	Duplicate Location id: 1498620 End User Location Name: Demo Secondary Loc 01 Network Location Name: Demo Secondary Loc 01				
	4	Duplicate Location id: 1498622 End User Location Name: Demo Secondary Loc 04 Network Location Name: Demo Secondary Loc 04				
	5	Duplicate Location id: 1498621 End User Location Name: Demo Sy Loc 03 Network Location Name: Demo Sy Loc 03				
	6	/**********/				
	7	********** Processing starts for Primary Location id - 1498616 Duplicate Location id - 1498620 Address id - 1610696 **********				
	8	Network Location Alias found for the end user location: END_USER_LOCATION_ID: 1360123 END_USER_LOCATION_NAME: Demo Secondary Loc 01 LOCATION_ID: 1498620 Processing halted for this end user location. You can delete the Network Location Alias from "Location and Geography Setup > Network Location" to process this duplicate end user location.			Fail	
	9	********** Processing ends for Primary Location id - 1498616 Duplicate Location id - 1498620 Address id - 1610696 **********				
	10	********** Processing starts for Primary Location id - 1498616 Duplicate Location id - 1498622 Address id - 1610696 **********				
	11	Deleted 1 rows in ASAP.EUL_LSO table for End User Location Demo Secondary Loc 04				
	12	Deleted 1 rows in ASAP.NET_LOC_ADDR table.				
	13	Deleted 1 rows in ASAP.NA_NET_LOC table.				
	14	********** Processing ends for Primary Location id - 1498616 Duplicate Location id - 1498622 Address id - 1610696 **********				
	15	********** Processing starts for Primary Location id - 1498616 Duplicate Location id - 1498621 Address id - 1610696 **********				
	16	The location information is not updated in the CLR/DLR Design in Connection Design Circuit Design id: 2983370 ECCKT: 50000/T1 /OAKEND010MD/WABGTNXARS0 You may want to navigate to Inventory Management > Connection Design > CLR/DLR Design in the MSS application and reconcile the assignment information using Reconcile Assignments link under Actions section.			Manual	
	17	Updated 4 rows in ASAP.DLR_CIRCUIT_DESIGN_LINE table.				
	18	Updated 3 rows in ASAP.EQUIPMENT table.				
	19	Deleted 1 rows in ASAP.EUL_LSO table for End User Location Demo Sy Loc 03				
	20	Deleted 1 rows in ASAP.NET_LOC_ADDR table.				
	21	Deleted 1 rows in ASAP.NA_NET_LOC table.				
	22	********** Processing ends for Primary Location id - 1498616 Duplicate Location id - 1498621 Address id - 1610696 **********				
1002			4/23/2014 03:11:25	4/23/2014 03:12:17	Pass	ASAP
	1	/**********Job id: 1002 **********/ Scenario: Multiple EULs having same address. Resolution Option: Manual. Preferences : Update EUL details for ASR/LSR orders:- Update Nothing. Update the references of additional addresses from the duplicate EUL to the primary EUL:- Update Nothing. Update the address data in E911 records: :- Yes Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL:- Yes				

Table 6–2 lists the columns in the View Log Results section.

Table 6–2 Columns in the View Log Results Section

Column	Description
Job Id	ID of the job that is run to resolve inconsistencies related to end user locations.
Sequence	Sequence of steps within a job.
Start Date	Start date and time of the job.
End Date	End date and time of the job.
Status	Status of the job ID: ■ **Pass** ■ **Fail** ■ **Manual** See Table 6–3 for a list of ACU log error messages based on the status of the job ID.
User Id	ID of the user that runs the job.

The View Log Results section displays the following information for each job in the order listed:

- The job ID.
- The specific option you select for every job under the **I want to find** area on the **Criteria** tab.
- The resolution option that you select in the **Resolution Options** area on the **Results** tab.
- All the preferences that you set on the **Preferences** tab.
- All the primary end user locations/addresses.
- All the duplicate end user locations/addresses.
- Lists the modified tables for each duplicate end user location/address that is processed.

Table 6–3 lists the messages that are displayed in the View Log Results section.

Table 6–3 ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution

1	Fail	`Duplicate End User Location has active addresses of other format(s):`
		`END_USER_LOCATION_ID:` *`EUL_ID`*
		`END_USER_LOCATION_NAME:` *`EUL_Name`*
		`LOCATION_ID:` *`Loc_ID`*
		`Processing halted for this end user location.`
		where:
		■ *EUL_ID* is the end user location ID of the duplicate end user location.
		■ *EUL_Name* is the end user location name of the duplicate end user location.
		■ *Loc_ID* is the location ID of the duplicate end user location.
		Applicable Scenarios:
		■ Scenario 1[1]
		■ Scenario 3[3]
			The **Update the references of additional addresses from the duplicate EUL to the primary EUL** preference is set to **N** and an additional address exists at the duplicate end user location.
			Example:
			One end user location with ID L1 has an address with ID A1 in MSAG structured format and the other end user location with ID L2 has that same address with ID A1 in MSAG structured format. The end user location with ID L2 has an additional address with ID A2 in SF1 structured format.
			See Table 2–11 for the sample data.
				Do one of the following:
				■ Set the **Update the references of additional addresses from the duplicate EUL to the primary EUL** preference to **Y**.
				■ Remove the additional addresses at the duplicate end user location.

2	Fail	`Network Location Alias found for the end user location:`
		`END_USER_LOCATION_ID:` *`EUL_ID`*
		`END_USER_LOCATION_NAME:` *`EUL_Name`*
		`LOCATION_ID:` *`Loc_ID`*
		`Processing halted for this end user location.`
		`You can delete the Network Location Alias from "Location and Geography Setup > Network Location" to process this duplicate end user location.`
		where:
		■ *EUL_ID* is the end user location ID of the duplicate end user location.
		■ *EUL_Name* is the end user location name of the duplicate end user location.
		■ *Loc_ID* is the location ID of the duplicate end user location.
		Applicable Scenarios:
		■ Scenario 1[1]
		■ Scenario 3[3]
			A network alias exists for the duplicate end user location.	Delete the network alias for the duplicate end user location in the MSS application.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution
3	Fail	`Network Areas Network_Area_Primary and Network_Area_Duplicate are different for the primary and duplicate locations. Processing halted for this end user location. Please ensure the network area and the TN/Data switches are the same to process this end user location.` where: ■ *Network_Area_Primary* is the network area name associated with the primary end user location. ■ *Network_Area_Duplicate* is the network area name associated with the duplicate end user location. **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 3[3]	Different network areas are associated with the primary and duplicate end user locations. **Example:** One end user location with ID L1 has network area NA1 and the other end user location with ID L2 has network area NA2.	Associate the same network area to the primary and the duplicate end user locations in the MSS application.
4	Fail	`Data Switches Data_Switch_Primary and Data_Switch_Duplicate are different for the primary and duplicate locations. Processing halted for this end user location. Please ensure the network area and the TN/DATA switches are the same to process this end user location.` where: ■ *Data_Switch_Primary* is the data switch associated with the primary end user location. ■ *Data_Switch_Duplicate* is the data switch associated with the duplicate end user location. **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 3[3]	Different data switches are associated with the primary and duplicate end user locations. **Example:** One end user location with ID L1 has data switch D1 and the other end user location with ID L2 has data switch D2.	Associate the same data switches to the primary and the duplicate end user locations in the MSS application.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution
5	Fail	`TN Switches` *`TN_Switch_Primary`* `and` *`TN_Switch_Duplicate`* `are different for the primary and duplicate locations. Processing halted for this end user location. Please ensure the network area and the TN/Data switches are the same to process this end user location.` where: ■ *TN_Switch_Primary* is the TN switch associated with the primary end user location. ■ *TN_Switch_Duplicate* is the TN switch associated with the duplicate end user location. **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 3[3]	Different TN switches are associated with the primary and duplicate end user locations. **Example:** One end user location with ID L1 has TN switch T1 and the other end user location with ID L2 has TN switch T2.	Associate the same TN switches to the primary and the duplicate end user locations in the MSS application.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution
6	Fail	`Same Structure Item exists in the Equipment Inventory for both the end user locations.` `END_USER_LOCATION_ID: EUL_ID_Primary` `END_USER_LOCATION_NAME: EUL_Name_Primary` `LOCATION_ID: Loc_ID_Primary` `END_USER_LOCATION_ID: EUL_ID_Duplicate` `END_USER_LOCATION_NAME: EUL_Name_Duplicate` `LOCATION_ID: Loc_ID_Duplicate` `The Preference to merge the Equipment Structure Item is set to "N".` `Please set the preference to "Y" or navigate to Inventory Management > Equipment Inventory in MSS application to take necessary action.` `Processing halted for this LOCATION_ID.` where: ■ *EUL_ID_Primary* is the end user location ID of the primary end user location. ■ *EUL_Name_Primary* is the end user location name of the primary end user location. ■ *Loc_ID_Primary* is the location ID of the primary end user location. ■ *EUL_ID_Duplicate* is the end user location ID of the duplicate end user location. ■ *EUL_Name_Duplicate* is the end user location name of the duplicate end user location. ■ *Loc_ID_Duplicate* is the location ID of the duplicate end user location. **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 3[3]	The **Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL** preference is set to **N** and the same equipment structure item hierarchy exists on both primary and duplicate end user locations. See Figure 2–4 for an example of the equipment structure item hierarchy.	Do one of the following: ■ Set the **Merge the Equipment Structure item hierarchy from the duplicate EUL to the primary EUL** preference to **Y**. ■ In the MSS application, navigate to Inventory Management - Equipment Inventory and perform the necessary action.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution
7	Fail	`Error retrieving network area. Multiple switch network areas exist in the database. Only one switch network area can be assigned to an end user location.` **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 2[2] ■ Scenario 3[3]	Multiple network areas exist for an end user location.	Fix the data and rerun the Address Correction utility.
8	Fail	`Error retrieving TN switch. Multiple TN Switches exist in the database. Only one TN Switch can be assigned to an end user location.` **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 2[2] ■ Scenario 3[3]	Multiple TN switches exist for an end user location.	Fix the data and rerun the Address Correction utility.
9	Fail	`Error retrieving Data Switch. Multiple Data Switches exist in the database. Only one Data Switch can be assigned to an end user location.` **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 2[2] ■ Scenario 3[3]	Multiple data switches exist for an end user location.	Fix the data and rerun the Address Correction utility.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution
10	Manual	`The location information is not updated in the CLR/DLR Design in Connection Design. You may want to navigate to Inventory Management > Connection Design > CLR/DLR Design in the MSS application and reconcile the assignment information using Reconcile Assignments link under Actions section.` **Applicable Scenarios:** ■ Scenario 1[1] ■ Scenario 3[3]	The location name in the design lines of the CLR/DLR Design view of the Connection Design window is different from the duplicate end user location name.	After the resolution process is completed, in the MSS application, navigate to Inventory Management - Connection Design - CLR/DLR Design and click the **Reconcile Assignments** link under Actions section to reconcile the assignment information.
11	Manual	`E911 data Updates: Address details of the end user location are not updated in E911_EXTRACT for the Telephone numbers. Tel No. House Nbr: House Nbr Suffix: Pre Directional: Street Name: Street Suffix: Post Directional: Community Name: Postal Code: Country ID: State/Province: You may want to update the E911_ EXTRACT with the updated end user location address and resend the updated E911 information via a PSR order.` This message lists the telephone numbers and their address details. **Applicable Scenario:** ■ Scenario 2[2]	The **Update the address data in E911 records** preference is set to **N**.	In the MSS application, create a change PSR order for the impacted telephone numbers and complete the process for E911.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution

12	Manual	`E911 data Updates:`
		`Updated the address details in E911_EXTRACT for the Telephone numbers.`
		`Tel No.`
		`House Nbr:`
		`House Nbr Suffix:`
		`Pre Directional:`
		`Street Name:`
		`Street Suffix:`
		`Post Directional:`
		`Community Name:`
		`Postal Code:`
		`Country ID:`
		`State/Province:`
		`You may want to resend the updated E911 information by navigating to Order Management Setup > E911 Records or via a PSR order.`
		
		This message lists the telephone numbers and their address details.
		
		Applicable Scenario:
		▪ Scenario 2[2]
			The **Update the address data in E911 records** preference is set to **Y**. As a result, the address information in the E911 records corresponding to the duplicate end user location is updated with the primary end user location's address.	The end user location's address and address information in the E911 records within the MSS application is the same. However, it may differ in third-party systems. To resolve this issue do one of the following:
				▪ In the MSS application, navigate to Order Management Setup - E911 Records and do the required changes.
				▪ In MSS application, create a change PSR order for the impacted telephone numbers and complete the process for E911.

13	Manual	`There are n active rows for the format Address_Format. Please run Option 2 for the End User Location EUL_Name_Primary.` where: ▪ *n* is the total number of active addresses at the primary end user location. ▪ *Address_Format* is the address format of the active addresses at the primary end user location. ▪ *EUL_Name_Primary* is the end user location name of the primary end user location. **Applicable Scenarios:** ▪ Scenario 1[1] ▪ Scenario 2[2] ▪ Scenario 3[3]	The end user location has multiple active addresses of the same structured format. **Example:** The primary end user location with ID L1 has an address with ID A1 of MSAG structured format. The duplicate end user location with ID L2 has an address with ID A1 of MSAG structured format. In addition, the primary end user location with ID L1 has an additional address with ID A2 of MSAG structured format. After the resolution process is completed, the primary end user location with ID L1 now has addresses with IDs A1 and A2 of MSAG structured format.	On the **Criteria** tab, select the **Multiple active address per EUL per address structured format** option to search for and resolve multiple active addresses of the same address structured format at the same end user location. See "Resolving Multiple Active Addresses of the Same Address Format per EUL" for more information.

Table 6–3 (Cont.) ACU Log Messages

Sr. No.	Job ID Status	Message	Possible Cause	Solution
14	Manual	The address for the service location *dup_end_user_location_name* is changed. The directory listing of the below items for the customer accounts may not be updated with the primary location address. 1. LINEDIR item *line_directory_item*, exists on the customer Account Number *cust_acct_nbr* Company Name: *company_name* Name: *account_name* in status item_status 2. LINEDIR item *line_directory_item*, exists on the customer Account Number *cust_acct_nbr* Company Name: company_name Name: account_name in status *item_status* You may want to create a change PSR order for the items which are pending/In-Service to make the necessary changes for the directory listing address information. where: ■ *dup_end_user_location_name* is the name of the duplicate end user location. ■ *line_directory_item* is the line directory product's name. ■ *cust_acct_nbr* is the customer account number. ■ *company_name* is the name of the company; displayed if the service category is Business. ■ *account_name* is the customer name/company name; displayed if the service category is Residential or Business. ■ *item_status* is the status of the Line item. **Applicable Scenario:** ■ Scenario 2[2]	The address that is being modified has a directory listing product.	In the MSS application, create a change PSR order for the impacted item whose directory listing you want to update with the primary location address.

[1] Scenario 1: Multiple end user locations having the same address.

[2] Scenario 2: Multiple active addresses of same address format at the same end user location.

[3] Scenario 3: Multiple end user locations having the same address in MSAG and OBF structured formats.

Searching for Log Information

To search for log information:

1. Do one of the following:
   - On the secondary toolbar, click the **View Log** button.
   - From the **Options** menu, select **View Log**.

     The View Log Search section is displayed.
2. In the **Job Id** field, enter the unique identifier for the job.
3. In the **Log Details** field, enter any keyword pertaining to the log information that you want to search.
4. In the **From Date** field, enter the date from which you want to search the log information.
5. In the **Through Date** field, enter the date until which you want to search the log information.
6. From the **Status** list, select any one of the following job status:
   - **Pass**
   - **Fail**
   - **Manual**
7. Click **Search**.

   The log information is displayed in the View Log Results section.

Purging Log Information

To purge the log information:

1. On the secondary toolbar, click the **View Log** button. Alternatively, from the **Options** menu, select **View Log**.

   The View Log Search section is displayed.
2. In the **Purge Before (Days)** field, specify a value. The default value is 30.
3. Click **Purge**.

   A confirmation message is displayed.
4. Click **Yes**.

   If you specify a value in the **Purge Before (Days)** field, the log information older than the specified number of days is purged. If you do not specify any value in the **Purge Before (Days)** field, the log information older than the system's current date is permanently deleted from the ASAP.ACU_LOG table in the MSS database.

A

MSS User Interface Impacted by the Resolution Process

This appendix provides information on Oracle Communications MetaSolv Solution (MSS) user interface (UI) windows, which are impacted during the Address Correction Utility resolution process.

Table A–1 lists the MSS UI that may be impacted after the resolution processing by the Address Correction utility based on the resolution scenario.

Table A–1 MSS UI Impacted After Resolution Process

Subsystem	MSS UI Impacted	Navigation	Applicable Scenario
Connection Design	Locations tab	In the Connection Design window, under **Provisioning**, click the **Additional Detail** link, and then click the **Locations** tab.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Connection Design	Connection Design Search window	On the navigation bar, select **Inventory Management**, and then click **Connection Design**.	Scenario 1[1] Scenario 3[3]
Connection Design	Equipment Assignments tab	In the Connection Design window, under **Provisioning**, click the **CLR/DLR Design** link, and then click the **Reconcile Assignments** link. In the Connection Reconciliation window, click the **Equipment Assignments** tab.	Scenario 1[1] Scenario 3[3]
Connection Design	Connection Summary view	In the Connection Design window, click the **Connection Summary** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Connection Design	Print Preview window	In the Connection Design window, from the **Outputs** menu, select **Preview CLR** or **Preview CLR/DLR**. In the Trouble Ticket Queue window or the Trouble Ticket Search window, click the **Service Item** tab, and then click **View Design**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Connection Design	CLR/DLR Design view	In the Connection Design window, under **Provisioning**, click the **CLR/DLR Design** link.	Scenario 1[1] Scenario 3[3]
Connection Design	Schematic Design view	In the Connection Design window, under **Provisioning**, click the **Schematic Design** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]

Table A–1 (Cont.) MSS UI Impacted After Resolution Process

Subsystem	MSS UI Impacted	Navigation	Applicable Scenario
Connection Design	Activation Report	In the Connection Design window, from the **Outputs** menu, select **Activation Report**. In the Trouble Ticket Queue window or the Trouble Ticket Search window, click the **Service Item** tab, and then click **View Activation Rpt**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	Service Location	In the Product Service Request window, under **Order Maintenance**, click the **Services** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	PRILOC/SECLOC Info tab	In the Product Service Request window, under **Order Maintenance**, click the **Services** link. Expand the product hierarchy, select a service item, and then click the **PRILOC/SECLOC Info** tab. The **PRILOC/SECLOC Info** tab is displayed only for the products that have information about primary location and secondary location.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	Summary Info tab	In the Product Service Request window, under **Order Maintenance**, click the **Services** link. Expand the product hierarchy, select a service item, and then click the **Summary Info** tab.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	Do you want to include any of these existing locations? window.	In the PSR Ordering Dialog, click the **Existing Locations** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	Is the list of locations correct? window	In the PSR Ordering Dialog, click the **List of Locations** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	Product History tab	In the Service Request Search window, click the **Product History** tab.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	New PSR Order from Existing PSR Order	In the Service Request Search window, select a service request. From the **File** menu, select **New From**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	PSR Order Split Selection window	In the Service Request Search window, select a service request and select **Order Split**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Product Service Request	Address tab	In the TN Records Search window, open a telephone number. In the E911 Extract window, click the **Address** tab.	Scenario 2[2]
Customer Accounts	List of Customer Locations window	In the Customer Account Search window, from the **Options** menu, select **Customer Profile**. In the Customer Summary window, under **Related Pages**, click the **Locations** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]

Table A–1 (Cont.) MSS UI Impacted After Resolution Process

Subsystem	MSS UI Impacted	Navigation	Applicable Scenario
Customer Accounts	List of Circuits/Connections window	In the Customer Account Search window, from the **Options** menu, select **Customer Profile**. In the Customer Summary window, under **Related Pages**, click the **Circuits/Connections** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Customer Accounts	Customer Product Transfer window	In the Customer Account Search window, from the **Options** menu, select **Customer Profile**. In the Customer Summary window, under **Actions**, click the **Transfer** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Customer Accounts	Customer Services window	In the Customer Account Search window, open a customer account. In the Customer Summary window, under **Related Pages**, click the **Services** link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Equipment	Location Search window - Results tab	On the navigation bar, select **Inventory Management**, and then click **Equipment Inventory**. Click the query button beside the **Location** field. In the Location Search window, enter any search criteria and click **Search**, and then click the **Results** tab.	Scenario 1[1] Scenario 3[3]
Equipment	Equipment Inventory window	On the navigation bar, select **Inventory Management**, and then click **Equipment Inventory**.	Scenario 1[1] Scenario 3[3]
Equipment	Hard-Wired Cross-Connects window	In the Equipment Inventory window, right-click an equipment that you want to cross-connect and select **Cross-Connect**. Right-click another equipment and select **Cross-Connect To**.	Scenario 1[1] Scenario 3[3]
Equipment	Assembly Cross-Connect Report	In the Equipment Inventory window, right-click an equipment and select **X-con Report**.	Scenario 1[1] Scenario 3[3]
Dedicated Plant	Dedicated Plant Search window	On the navigation bar, select **Inventory Management**, and then click **Dedicated Plant**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Dedicated Plant	Dedicated Plant Maintenance window	In the Dedicated Plant Search window, open a dedicated plant.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Network System	Managing a Component window	In the Network System Design window, right-click a component and select **Properties**.	Scenario 1[1] Scenario 3[3]
Network System	Network System Design window	On the navigation bar, select **Inventory Management**, and then click Network Systems. On the Network List panel, double-click a template type or click the menu icon and select **Search**, and then double-click a network system.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Network System	Network System Print Preview	Open a network system. From the **File** menu, select **Print**. In the Network Design Print window, click **Preview**. In the Trouble Ticket Queue window or the Trouble Ticket Search window, click the **Service Item** tab, and then click **View Net Design**.	Scenario 1[1] Scenario 3[3]
Network System	Customer Connections window	In the Network System Design window, right-click a component and select **Customer Connections**.	Scenario 2[2]

Table A–1 (Cont.) MSS UI Impacted After Resolution Process

Subsystem	MSS UI Impacted	Navigation	Applicable Scenario
Network System	Viewing Extensions window	In the Network System Design window, right-click a component and select **Customer Connections**. Double-click the Customer Connections window.	Scenario 2[2]
End User Location	End User Location Maintenance window	In the End User Location Search window, open an end user location.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
End User Location	Additional Addresses tab	In the End User Location Maintenance window, click the **Additional Addresses** tab.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
End User Location	Terminal Location window	In the Terminal Location Search window, open a terminal location. In the Terminal Location window, click the rightmost icon at the bottom of the window.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Access Service Request	Service Address Location Information List window	Open an ASR order. Under **SALI**, click **Address Detail**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Access Service Request	Service Address Location Information Maintenance window	Open an ASR order. Under **SALI**, click **Address Detail**. In the Service Address Location Information List window, double-click a link.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Access Service Request	CABS Billing Navigator window	In the Service Request Search window, from the **Options** menu, select **CABS Billing**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Local Service Request	Location and Access Maintenance window	Open an LSR order, under **End User**, click **Location and Access List**.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Local Service Request	Location and Access Detail window	Open an LSR order, under **End User**, click Location and Access List. In the Location and Access Maintenance window, click a link in the **LOCNUM** column.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Local Service Request	Service-specific forms	Open an LSR order and navigate to the service-specific form, and then click a link in the **LOCNUM** column.	Scenario 1[1] Scenario 3[3]
Internal Service Request	Locations tab	In the Service Request Search window, open an ISR order, and then click the **Locations** tab.	Scenario 1[1] Scenario 2[2] Scenario 3[3]

Table A–1 (Cont.) MSS UI Impacted After Resolution Process

Subsystem	MSS UI Impacted	Navigation	Applicable Scenario
Internal Service Request	Internal Service Request Location Maintenance window	In the Service Request Search window, open an ISR order, and then click the **Locations** tab. On the **Locations** tab, double-click a location.	Scenario 1[1] Scenario 2[2] Scenario 3[3]
Engineering Work Order	Manage Equipment view	In the Engineering Work Order Search window, open a work order. In the Engineering Work Order Summary window, under **Related Pages**, click the **Manage Equipment** link.	Scenario 1[1] Scenario 3[3]
Trouble Ticket	Service Item tab	On the navigation bar, select **Order Management**, and then click **Trouble Ticker Queue**. In the Trouble Ticket Queue window, click the **Service Item** tab.	Scenario 1[1] Scenario 2[2] Scenario 3[3]

[1] Scenario 1: Multiple end user locations having the same address.

[2] Scenario 2: Multiple active addresses of same address format at the same end user location.

[3] Scenario 3: Multiple end user locations having the same address in MSAG and OBF structured formats.

B

MSS Database Tables Impacted by the Resolution Process

This appendix provides information on Oracle Communications MetaSolv Solution (MSS) database tables, which are impacted during the Address Correction Utility resolution process.

Table B–1 lists the impacted MSS database tables and the scenarios in which information is inserted, updated, or deleted in each database table after the resolution process is completed by the Address Correction utility.

Table B–1 MSS Database Tables Impacted After Resolution Process

Database Table Name	Scenario 1[1]	Scenario 2[2]	Scenario 3[3]
ASAP.ACCESS_BILLING_CIRCUIT_LOC	Update	Update	N/A
ASAP.CABLE	Update	N/A	Update
ASAP.CABLE_COMPLEMENT	Update	N/A	Update
ASAP.CIRCUIT	Update	N/A	Update
ASAP.CIRCUIT_LAYOUT_REPORT	N/A	Update	N/A
ASAP.CIRCUIT_XREF	Update	N/A	Update
ASAP.CUST_ACCT_LOCATIONS	Update/Delete	Update	Update/Delete
ASAP.DEDICATED_CROSSCONNECT	Update	N/A	Update
ASAP.DESIGN_LAYOUT_REPORT	Update	Update	Update
ASAP.DESIGN_LINE	Update	N/A	Update
ASAP.DESIGN_ORD_SUMM	N/A	Update	N/A
ASAP.DL_DLR_LINE_ISI	Update	N/A	Update
ASAP.DLR_CIRCUIT_DESIGN_LINE	Update	N/A	Update
ASAP.E911_EXTRACT	Delete	Update	Update
ASAP.EMP_APPT	Update	N/A	Update
ASAP.END_USER_LOCATION	Update/Delete	N/A	Delete
ASAP.END_USER_LOCATION_USAGE	Update/Delete	N/A	Update
ASAP.EQ_LOCN_STRUC_HIER	Update/Delete	N/A	Update/Delete
ASAP.EQUIPMENT	Update	N/A	Update
ASAP.EUL_LSO	Update/Delete	N/A	Update/Delete

Table B–1 (Cont.) MSS Database Tables Impacted After Resolution Process

Database Table Name	Scenario 1[1]	Scenario 2[2]	Scenario 3[3]
ASAP.MSAG_ADDR_LOC	Delete	Delete	Delete
ASAP.NA_NET_LOC	Delete	N/A	Delete
ASAP.NET_LOC_ADDR	Update/Insert/Delete	Update/Insert/Delete	Update/Insert/Delete
ASAP.NET_LOC_ADDR_PR_ADDR	Update/Insert/Delete	Update/Insert/Delete	Update/Insert/Delete
ASAP.NET_LOC_REL	Delete	N/A	Delete
ASAP.NET_LOC_TERM_LOC	Update/Delete	N/A	Update/Delete
ASAP.NETLOC_CA_VALUE	Delete	N/A	Delete
ASAP.NETWORK_LOCATION	Delete	N/A	Delete
ASAP.NETWORK_LOCATION_USER_DATA	Delete	N/A	Delete
ASAP.NETWORK_NODE	Update	N/A	Update
ASAP.NETWORK_ROUTE	Update	N/A	Update
ASAP.NS_COMPONENT	Update	N/A	Update
ASAP.PARTY	Insert	Insert	Insert
ASAP.PARTY_ADDRESS	Insert	Insert	Insert
ASAP.PARTY_ROLE	Insert	Insert	Insert
ASAP.PARTY_ROLE_ADDRESS	Insert	Insert	Insert
ASAP.SI_LOC	Update	Update	Update
ASAP.SR_LOC	Update/Insert/Delete	Update/Insert/Delete	Update/Insert/Delete
ASAP.SRSI_SI_LOC	Update	N/A	N/A
SRSI_SR_LOC	N/A	N/A	Update
ASAP.TANDEM_TYPE	Delete	N/A	Delete
ASAP.USO_CIRCUIT_LOC	Update	N/A	Update

[1] Scenario 1: Multiple end user locations having the same address.

[2] Scenario 2: Multiple active addresses of same address format at the same end user location.

[3] Scenario 3: Multiple end user locations having the same address in MSAG and OBF structured formats.