Usage Classes Screen

Usage & Rating · https://learn.logisense.com/docs/585072866/

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Usage Classes are configured in Setup / Usage Rating / Rate Types / Classes

Overview

The Usage Classes screen is used to define the usage classes that identify and categorize usage before it is rated. A usage class helps determine how usage should be interpreted, what type of unit it uses, and which rating logic can be applied.

Classes are commonly used to separate different kinds of usage, such as voice, SMS, data, or other custom usage categories. Once a class has been assigned during mediation or rating preparation, downstream rating logic can use that class to select the correct rate.

This screen is also used to configure whether a class is rated directly by class or by GeoTree location, and whether additional resolver behavior should be used when location-group resolution is enabled.

Prerequisites

The GeoTree must be configured if you intend to use GeoTree-based rating for the class.

The Classes Panel

The Classes panel on the left displays the usage classes that already exist in the system. Select a class to load its details in the edit panel on the right.

The list provides a quick summary of the configured class, including the selected rater, unit type, and class type.

Actions

Icon	Description
	Deletes the selected class
	Adds a new class

The Edit Class Panel

The panel on the right displays the selected usage class and is where you maintain its settings.

Main Fields

- **Name**: The unique name of the usage class.
- **Rater**: Determines how the class will be rated. This controls whether rating is based only on the usage class itself or whether GeoTree location can also be used in rate selection.
- **Unit Type**: Defines how usage is measured for the class, such as time, data, or count. This value is set when the class is created and is not editable for existing classes.
- **Usage Class Type**: Optionally categorizes the class for reporting, mediation, or organizational purposes.
- **Tax Category**: Lets the class carry a service tax category that can be used for usage taxation in environments where real-time taxation is enabled.

Usage Class Resolver Settings

If usage class resolver support is active for the owner, the screen also displays resolver-related configuration.

- **Usage Class Resolver Type**: Determines how the application resolves usage class behavior when location-group logic is being used.
- **In Country Usage Class**: Selects the usage class that should apply when the usage is determined to be in-country.
- **In Zone Usage Class**: Selects the usage class that should apply when the usage is determined to be in-zone.

The **In Country Usage Class** and **In Zone Usage Class** fields are required only when the selected resolver type uses location-group resolution.

References Tab

The **References** tab shows where the selected usage class is currently used in the system. This is especially important when determining whether the class can be deleted or when assessing the impact of changing a class configuration.

The reference view can show both summary usage and specific referenced entities, depending on the selected reference context.

Adding Classes

To add a usage class:

1. In the **Classes** panel, click **Add**.
2. Enter the **Name**.
3. Select the **Rater**.
4. Select the **Unit Type**.
5. If needed, select a **Usage Class Type** and **Tax Category**.
6. If resolver settings are active for the owner, complete the resolver fields as required.
7. Save the class.

Editing Classes

To edit an existing usage class:

1. Select the class in the **Classes** panel.
2. Update the editable settings in the edit panel.
3. If applicable, review or update the resolver-related fields.
4. Save the changes.

Deleting Classes

Note: Classes that are configured on system entities are in use and cannot be deleted (the delete action button will be greyed out in this case). In order to delete a class in use first check the References tab on the Edit Class panel to determine which entities are configured with the class. Next, proceed to modify those entities to use an alternate class.

To delete a class:

1. Select the class in the **Classes** panel.
2. Click **Delete**.
3. Confirm the deletion when prompted.