



Dhiva (Version 3.0)

Release Notes

Dhiva version 3.0 includes the following enhancements:

- Ability to choose Light/Dark application background
- Ability to delete multiple assets at once
- Enhanced Home Page information
- Ability to export reports without saving
- Groups will be denoted by 'G' in the report grid
- Information icon added to denote custom functions
- Metric parameters can now be used as User Filters
- Ability to organize User Filters on Storyboards
- Ability to create dynamic groups
- Search functionality added in the Manage Display Order window
- Addition of new Chart Edit menu
- Ability to create monthly or weekly Year-Over-Year (YOY) Charts
- Ability to hide or display data in Line Charts
- Visually enhanced and improved chart performance
- Ability to send email notifications with published assets
- Ability to access reports offline

Ability to choose Light/Dark application background

The application now supports both Light and Dark modes of background. Light mode is the default background setting which can be changed to the Dark mode by accessing the **User Options** menu.

Ability to delete multiple assets at once

Users can now select multiple assets and delete them simultaneously on the Home page using the **Delete** option available in the right-click menu or under the ellipsis menu.

Enhanced Home Page information

The screenshot shows the Dhiva application interface. The main table lists assets with columns for NAME, DOMAIN(S), OWNER, TYPE, and LAST EXECUTION. The 'DOMAIN(S)' column is highlighted with an orange box and contains values like 'Access Log, Demo Mfg' and 'Demo Mfg'. An 'Info' dialog for a 'Merged Report' asset is open on the right, also highlighted with an orange box. The dialog shows details such as Modified date (Nov 23, 12:12 PM), Owner (rmicholson@msa.com), Type (Merge Report), and Location (Last Accessed). The 'Participating Reports' section lists 'Merge Report No1, Merge Report No2'. The 'Data Domain(s)' section lists 'Access Log, Demo Mfg'. The 'Scheduled' status is 'No' and 'Cache On Reload' is also 'No'.

NAME	DOMAIN(S)	OWNER	TYPE	LAST EXECUTION ...
Access Log, Demo Mfg	Access Log, Demo Mfg		Folder	
Merged Report	Demo Mfg		Merge Report	00:00
Training Example 1	Demo Mfg		Report	00:01
Merge Report No1	Access Log		Report	00:00
Performance by SubCategory	Demo Mfg		Merge Report	
Merge Report No2	Demo Mfg		Report	
Published to Me			Folder	
Notifications			Folder	
Downloads			Folder	
Merged Report	Access Log, Demo Mfg		Merge Report	00:00
Training Example 1	Demo Mfg		Report	00:01
Merge Report No1	Access Log		Report	00:00
Performance by SubCategory	Demo Mfg		Merge Report	
Merge Report No2	Demo Mfg		Report	
Test	Demo Mfg		Report	00:04
Test Report 1	Demo Mfg		Report	00:03
Example 1 --Hierarchy 2	Demo Mfg		Report	00:13
Example 1 --Hierarchy	Demo Mfg		Report	00:48

The Home Page has been enhanced in the following manner:

- **Asset Domain:** In addition to being listed in the **Info** section, the **Domain(s)** column is now populated in the asset list on the Home page to specify the domain(s) the corresponding asset belongs to. For assets belonging to multiple domains such as Merge Reports and Storyboards, a comma-separated list will be displayed.
- **Schedule Information:** In the **Info** dialog, the scheduled status of 'Yes' or 'No' is displayed. This information is available for both '**Scheduled**' and '**Cache on Reload**' categories.
- **Merge Report Source Information:** The asset names used to create the Merge Report are displayed in the **Info** dialog.

Ability to export reports without saving

Existing reports/storyboards can now be exported without saving them. However, users will still be prompted to save the reports before closing them.

Note: A report must be saved at least once before it can be exported.

Groups will be denoted by 'G' in the report grid

In the report grid, Groups are now identified with the superscript 'G' when placed on the report. Under the **Display Options/Display Specifications** section, the attribute of the group will also be listed.

Display Specification | Training Example 1

Columns

Attributes/Hierarchy: ^G Top 5 Mfrs (Attribute : Manufacturer)

Attributes/Hierarchy: Measures

Rows

Attributes/Hierarchy: Chain and Distributors^H (Hierarchy Type : Replacement)

Measures

Measure Name: Unit Volume-CY-YTD, Stores Selling Item-CY-YTD

Filters

Attribute	Applied Filters
Week	10/22/2022
Category	Frozen Foods

DONE

Information icon added to denote custom functions in measures

On the **Define Measures** window, the icon ⓘ will appear near the **More** link beside any metric that contains custom functions.

Metric parameters can now be used as User Filters

The metric parameters **Duration** and **Versus** can now be used as User Filters. To apply a User Filter, click on the **Measures** icon in the lower left panel (located below the attribute list). When a user selects a value under **Measures** for the User Filter, it is applied to all metrics in a report (if the selection is compatible).

Measures

Add User Filter

Ability to organize User Filters on Storyboards

For Storyboards, re-ordering user filters can be done by way of drag-and-drop through the **Manage User Filters** dialog box.

Ability to create dynamic groups

Two new options have been added for groups – ‘Link to List’ and ‘Create List based Subgroup’. When you select the ‘Link to List’ checkbox, the group gets dynamically updated as the corresponding list changes; be it a regular list or a conditional list. Selecting the ‘Create List based Subgroup’ checkbox will aggregate the values in the list as a subgroup. Unselecting this option will display each individual value from the list. You can create separate groups to display both the list and the aggregate.

Search functionality added in the Manage Display Order window

The Search functionality has been added to the Manage Display Order window to easily locate a desired value.

Addition of new Chart Edit menu



In the Chart View, a new menu bar is added at the top right corner with the following options:

- Download  - This enables the user to download the chart with the annotations. However, annotations will not be included when the reports are exported.
- Annotation  - A callout can be added to a chart via annotations. To insert annotations, click on the annotate text icon.
- Edit  - This enables contact-sensitive options based on where the user clicks on the chart.
- Chart palette  - This enables the user to change the chart theme.

Ability to create monthly or weekly Year-Over-Year (YOY) Charts

Users now have the option to create monthly or weekly YOY Charts. The default option is ‘Monthly’; the users may change it to ‘Weekly’ using the Chart Properties dialog box.

Ability to hide or display data in Line Charts

The values in a chart legend can be used as a toggle to turn OFF/ON the display of the corresponding line in the chart.

Visually enhanced and improved chart performance

Charts have been modified to improve performance and create a better visual experience for the users. In addition, rendering and transitions have also been enhanced for a smoother experience.

Ability to send email notifications with published assets

While publishing an asset, the publisher now has the option to send an email notification to the user(s). By default, this box is checked. Similarly, an email will also be sent when an asset is ‘unpublished’ to the user(s).

Ability to access reports offline

The export type of 'Offline' is available when scheduling an asset. More information will be provided when this feature has been fully implemented.

Dhiva version 3.0 includes the following bug fixes:

- **Populate attribute values list:** Attributes with many values now render without displaying “**Browser Unresponsive**” popup.
- **Measure format preserved:** When a metric is copied using the clipboard icon, the measure format is copied as well, even when metric parameters are modified.
- **Valid Duration/Versus values:** When copying a metric, the parameters (**Versus/Duration**) are also copied. If either of these selections are incompatible, the parameters will reset to the default selection(s).
- **Export failure email:** User will now get a failure notification in the application (and email if selected) if an export does not complete successfully.
- **Auto cache of reports:** When ‘**Schedule on Reload**’ with ‘**Cache**’ is selected, the report will cache after each data refresh.
- **Freezing Columns:** Column freeze via the **Display Option** has been corrected to now be respected in the report grid when there is a Nested Hierarchy.
Note: The ‘Freeze Rows/Columns’ is not compatible with multiple hierarchies on the same axis.
- **Merged reports with a Nested Hierarchy:** When merging reports which contain a Nested Hierarchy, it now populates all appropriate measure values.
- **Sort retained in a Replacement Hierarchy:** Sort on columns is now preserved when drilling up/down in a Replacement Hierarchy.

