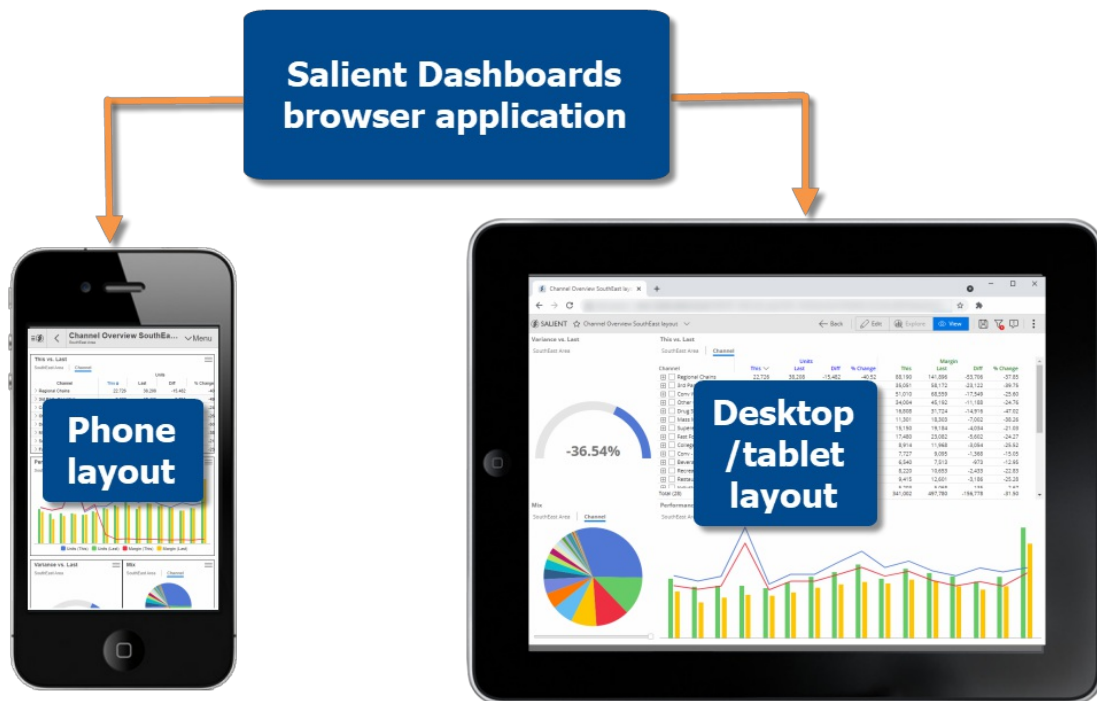


# What's New in Salient Mobile

# Version 1.9.23

## Improved design process

This version streamlines the process of designing a dashboard. Within the Salient Dashboards browser application, Dashboard Designers can set up a phone layout and desktop/tablet layout—each with its own arrangement of widgets and other settings—for optimized viewing across multiple types of devices. Layouts no longer need to be created separately in the mobile app. The new layouts offer improved flexibility for arranging widgets. Dashboard Designers can place widgets anywhere in the dashboard. In addition, dashboards are now "scrollable" and can, therefore, extend below the screen. Existing dashboards from previous versions will be unaffected unless you choose to upgrade them to the new layouts.



## Smart layout transitioning

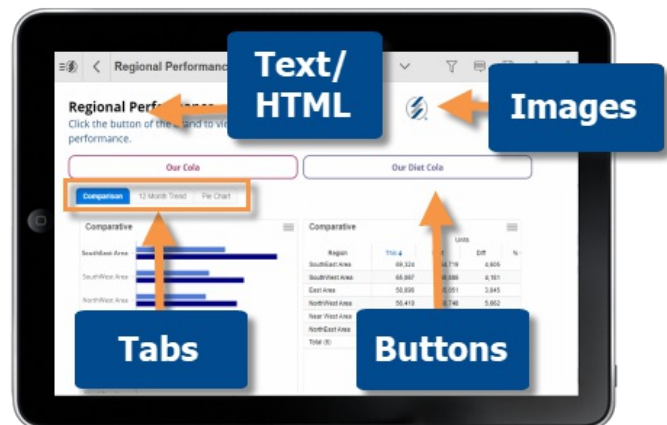
A dashboard can automatically transition between layouts based on screen width. For example, a dashboard could have a single column in on a phone and switch to a two-column layout when rotated. This feature requires minimal setup in the Salient Dashboards browser application.



## More types of widgets

The Salient mobile app can show more types of widgets that enhance the dashboard design.

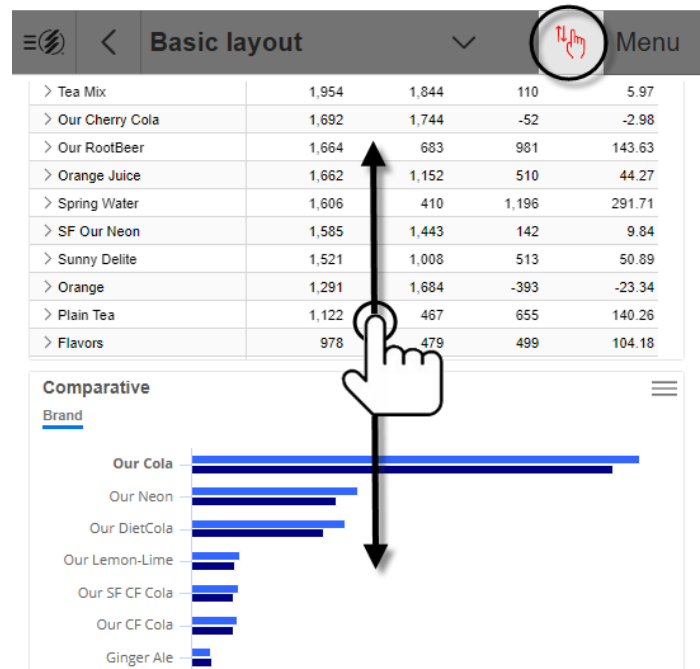
- Tabs - maximize screenspace and organize data
- Buttons - quickly filter, select dates, open dashboards, and more.
- Text/HTML - show instructions, labels, and other content
- Custom images, such as logos



Buttons, text/HTML and image widgets can be turned on/off for mobile in edit mode of the Salient Dashboards browser application.

## Dashboard panning

You can easily navigate in dashboards that are longer than the screen. When "dashboard panning" is on, swipe anywhere on the screen to pan the dashboard up or down. If you want to scroll data within a widget (e.g. grid with many rows), just turn off dashboard panning by clicking the icon at the top of the screen.



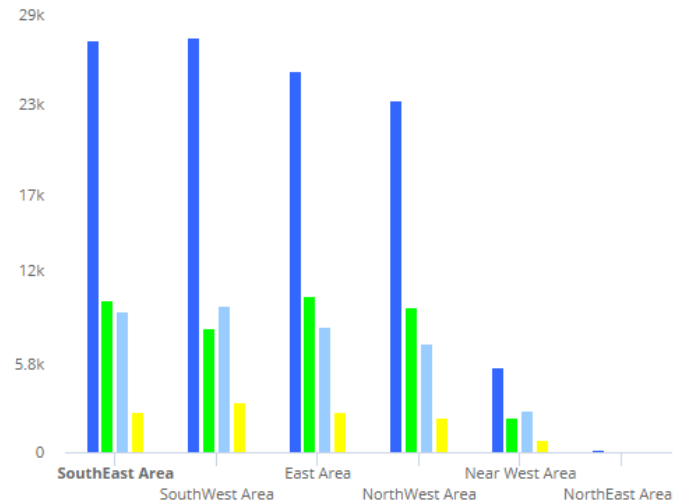
# Version 1.9.22

## Enhanced visualizations

This version supports new ways to represent data in Salient Dashboards V7.70+, including:

### "Unstacked" two-way graph

This new format of the Crosstab graph provides a simple visual representation of data grouped two ways at once, so that you can directly compare cross-sections of data (e.g., brands in each region).



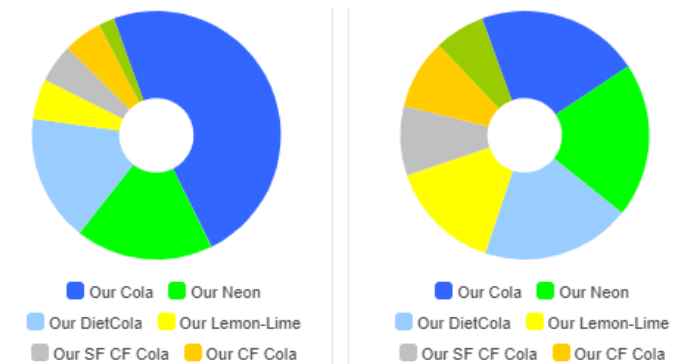
### Heatmaps

In grids, heatmap highlighting makes it easy to spot high values across large amounts of data.

Units		Net Revenue	
This ↓	Last	This	Last
69,324	64,719	58,566	591,660
65,067	60,886	52,121	532,807
58,896	55,051	43,675	453,769
56,410	50,748	47,152	466,834
20,919	21,148	20,394	204,491
289	295	203	1,997
270,905	252,847	222,111	2,251,558

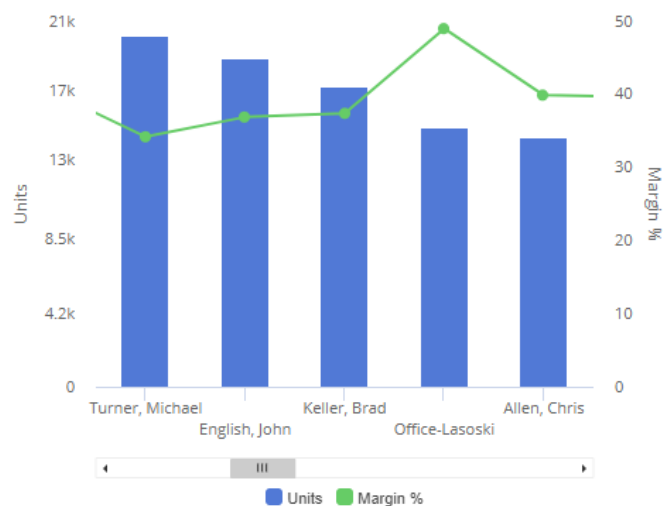
## Consistent attribute coloring

Dashboard Designers can choose standard colors to represent members across a dashboard.



## Comparative line graphs

The comparative graph can show data as lines, in addition bars and markers, to distinguish different types of data and/or represent numeric dimensions.



## Improvements in row expansion

- Dashboards remember expanded rows of data, so you can see built-in levels of data immediately upon opening a dashboard.
- The top number of rows, as determined by the Dashboard Designer, can automatically expand to show details for those items.

## Always show totals/averages

Your administrator can optionally turn on a setting to always show total and average rows in applicable widgets, even if that information is hidden in browser-based dashboards.

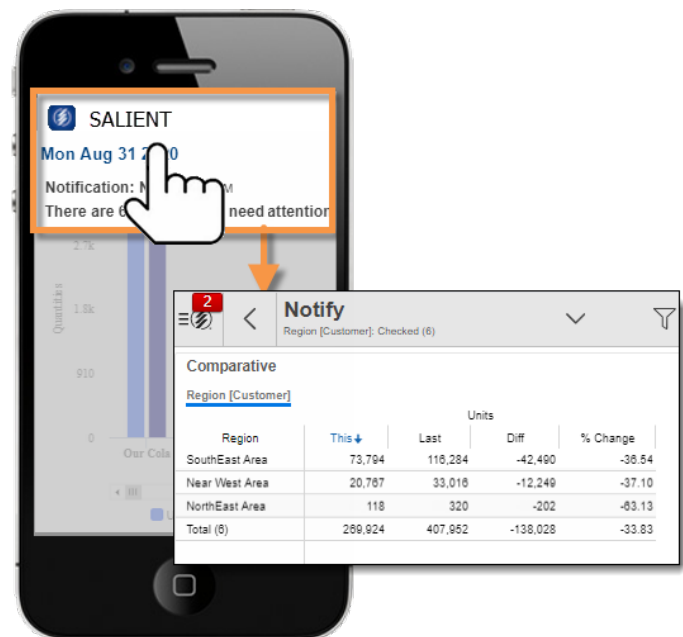
# Version 1.9.15

## Notifications

The Notify capability in Salient Dashboards V7.60+ sends automated notifications based on dashboard data and custom business rules. For example, get notifications for low volumes, margin thresholds, out-of-stocks, pricing issues, increasing costs, and much more, according to your organization's preferred schedule (daily, weekly, etc.). Notifications may be sent whenever data meets test criteria or when the status of something changes.

Salient notifications appear on your device just like other notifications. (Notifications must be allowed.) Simply tap to open the underlying data in the Salient mobile app. As always, the mobile view is interactive and drillable, offering opportunities for further investigation.

Notifications may also be sent as email messages.



To set up notifications, go to the Notify area of Salient browser-based dashboards (V7.60+). See the help for more information. Additional installation and configuration are required for Notify.

## Custom views

Custom views provide endless ways to visualize dashboard data. Dashboard Designers can build custom views using HTML, JavaScript, and a simple, built-in scripting language, to make them available in Salient browser-based dashboards and the mobile app. (Salient Dashboards Version 7.60 or higher is required.) Built-in templates include simple text recommendations, bullet charts, image overlays, and more. For example:

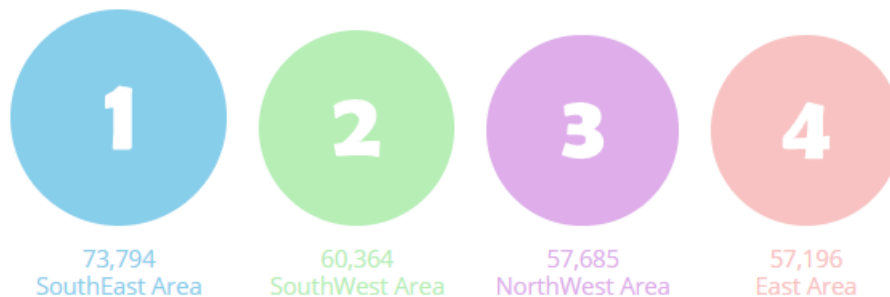
*Goal percentage*



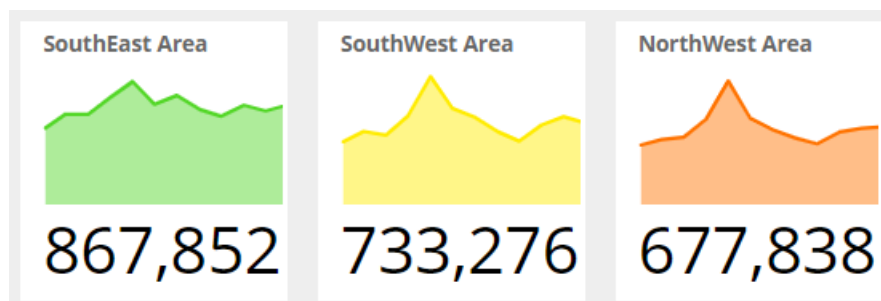
*Tile view*

SouthEast Area	SouthWest Area	NorthWest Area
73,794	60,364	57,685
East Area	Near West Area	NorthEast Area
57,196	20,767	118

*Volume comparative*



*Mutli trend*



## Version 1.9.14

### Single sign-on (SSO)

This version supports single sign-on (SSO) authentication using the new Salient Authentication service and an external Identity Provider (IdP). Additional installation and configuration are required. Contact Salient for more information.

### Support for new dashboard design options

Salient Mobile supports design enhancements in Salient Dashboards Version 7.50:

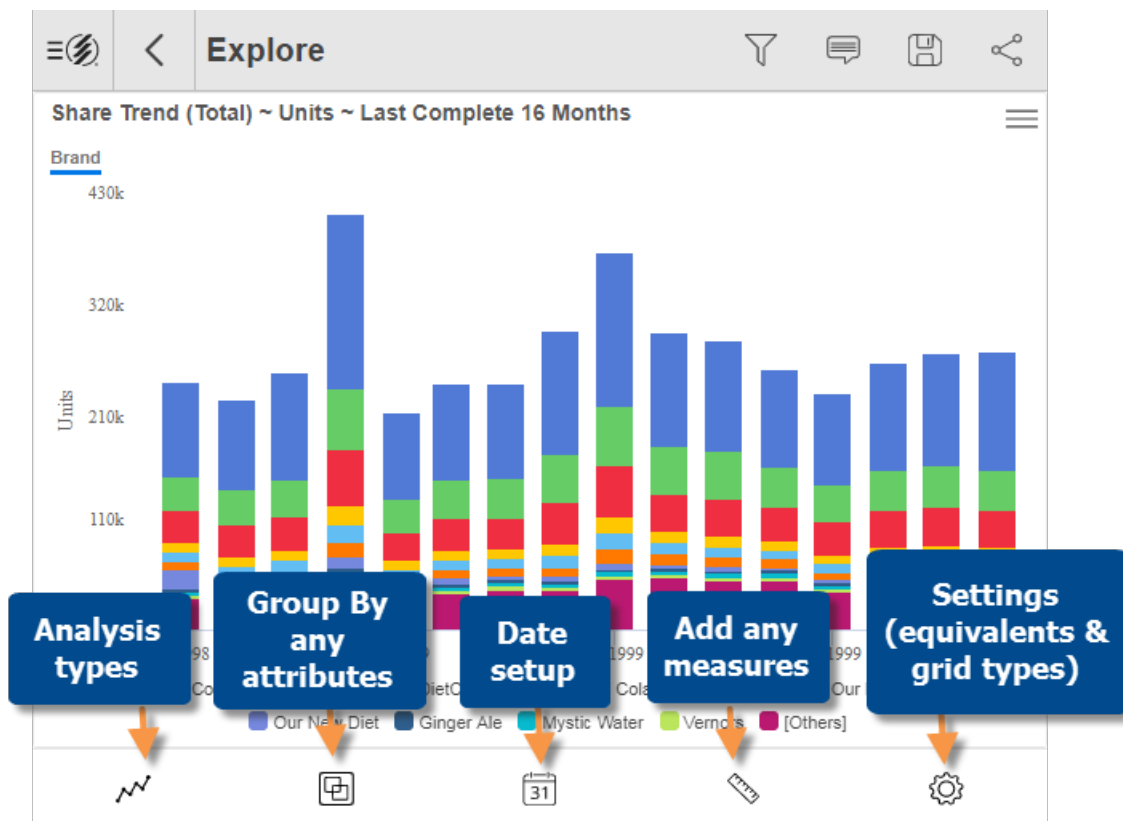
- Dashboards can use new color palettes, including built-in palettes that come with Version 7.50 and custom palettes configured by your organization. Like other design options, color palettes are selected during dashboard creation.
- Highlighting is available for totals, averages, and subtotals, to make it easier to identify summary metrics that fall within or outside of expected ranges. (Highlight settings must be built into the dashboard during creation.)



# Version 1.9.12

## Explore the data

Perform advanced data investigation in a new "explore" mode within the mobile app. Pick any widget or a built-in starting point and then see where the data leads. Tools at the bottom of the screen allow you to interrogate the data: change the analysis type; group the data by more attributes (any available in the dataset); add any measures; change the date range; customize grids; and more.



After exploring, you can optionally save changes in a new dashboard.

Explore mode requires Power Viewer licensing or higher. This capability may be disabled by your administrator.

## Mix, % change, and other computations

Add performance calculations, including mix (percent of the total), % change, difference, and average per period, in grids of numbers.

Units				Net Revenue	
This ↓	Last	Diff	% Change	This	Last
162,567	189,249	-26,682	-14.10	117,436	117,436
58,824	68,743	-9,919	-14.43	60,622	60,622
44,130	52,073	-7,943	-15.25	43,750	43,750
44,002	47,854	-3,852	-8.05	29,523	29,523
29,947	57,434	-27,487	-47.86	21,544	21,544
29,516	39,697	-10,181	-25.65	23,789	23,789
29,207	32,088	-2,881	-8.98	20,702	20,702
20,565	22,632	-2,067	-9.13	16,766	16,766

Net Revenue	
Average (This)	<input type="checkbox"/>
Delta (This vs. Last)	<input checked="" type="checkbox"/>
Diff	<input type="checkbox"/>
% Change	<input checked="" type="checkbox"/>
Mix (Last)	<input type="checkbox"/>
Cancel	Apply

## Expand a calculated measure

This version allows you to expand a calculated measure to see its components.

Net Revenue			
58,621	13,512	12,526	11,297
12,881	9,575	8,106	5,584
9,073	6,356		

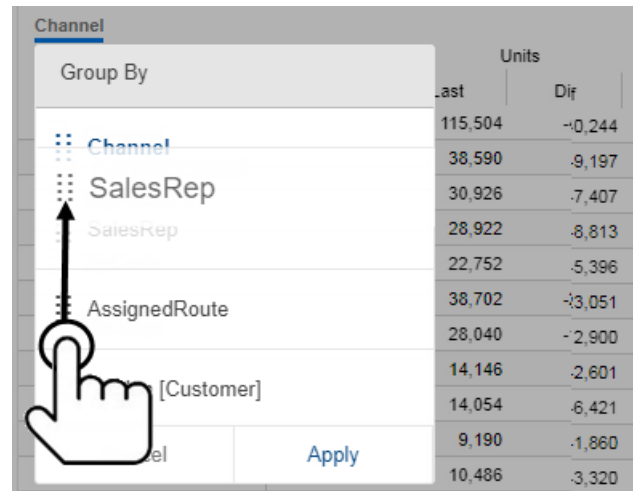
Net Revenue			
Sort Descending			
Expanded	<input checked="" type="checkbox"/>		
This	<input checked="" type="checkbox"/>		
Average (Net Revenue)	<input type="checkbox"/>		
Mix (Net Revenue)	<input type="checkbox"/>		
Cancel	Apply		

Discounts	Gross Revenue	Net Revenue
-27,755	86,377	58,621
-5,685	36,306	30,622
-4,378	27,921	23,544
-7,616	21,128	13,512
-5,990	18,516	12,526
-5,567	16,864	11,297
-6,559	19,441	12,881
-3,461	13,036	9,575
-151	8,257	8,106
-2,500	8,083	5,584
-520	9,593	9,073
-606	6,962	6,356

## Set your own downlevel order

Choose the order of attributes used when expanding members or drilling down. Just drag and drop in the menu (requires Power Viewer licensing or higher).



## Record details

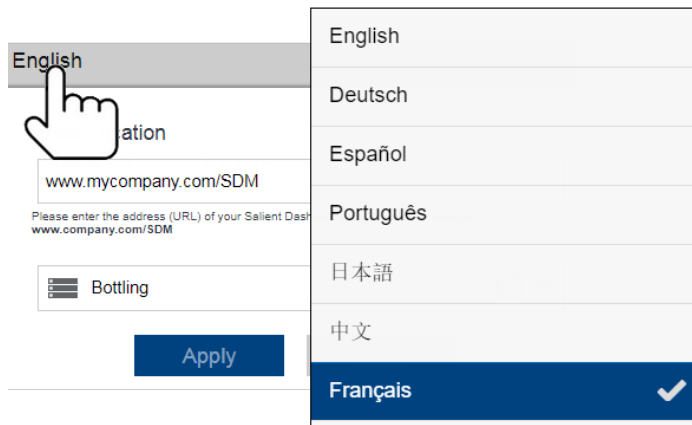
Salient Mobile can show record-level data (e.g. invoices, work records, inventory, etc.). Record details may include dates (single date for transactions or start/end dates for non-transactional data), measures, key descriptions, dimensions, and invoice numbers (if configured).

This capability is available as a new grouping method. Both grid and graph formats are available. The details may be filtered to show any subset of data records for any timeframe.

Comparative					
SouthEast Area > Serv-Rite > <u>Record Details</u>					
Date ↑	Invoice	CustName	ProductDescription	Units This	Gross Revenue This
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ NR Our Cola	98	138
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ ND Spring Water	98	112
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ NR Our DietCola	56	79
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ NR Lmn-Lime	28	39
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ ND Our Punch	28	39
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ ND Sunny Delite	42	59
1/5/2020	00593737	FINE HOST / DROP SHIPMENT	20OZ NR Tea Mix	42	59
1/8/2020	00581039	FINE HOST / DROP SHIPMENT	Cans Our Cola	396	407
1/8/2020	00581039	FINE HOST / DROP SHIPMENT	Cans Our Neon	396	407
1/8/2020	00581039	FINE HOST / DROP SHIPMENT	Cans Our DietCola	0	204
1/12/2020	00593784	FINE HOST / DROP SHIPMENT	20OZ NR Our SFCFCola	4	6

## Version 1.9.11

The Salient Mobile app is available in French. You can choose a language in the login setup screen. (The dataset language is configured separately.)



## Version 1.9.9

This version adds support for accessing Salient Dashboards via a Microsoft Azure Application Proxy.

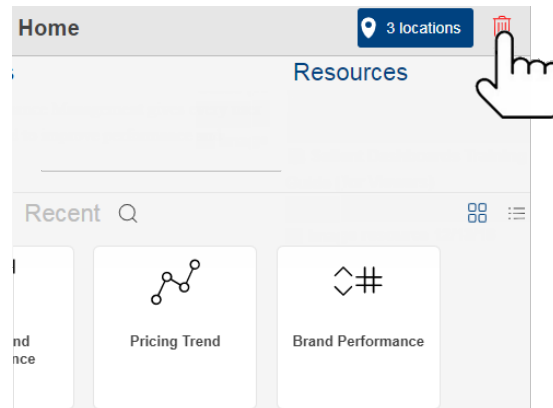
# Version 1.9.8

## Clear filters faster

It is now easier to remove filters when you want to show more data.

### Clear all location filters

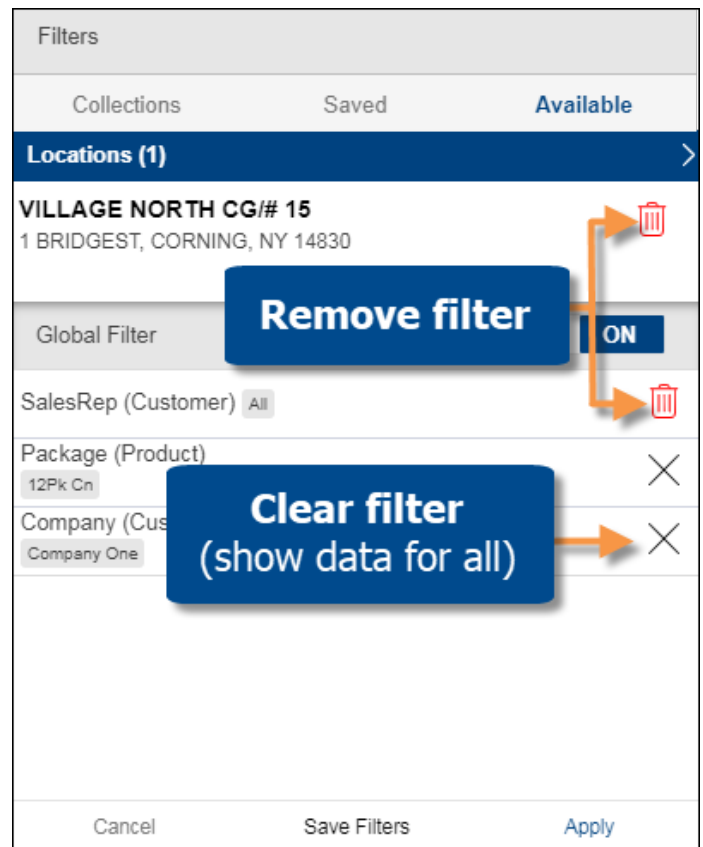
Tap the trash icon in the corner of the home screen to turn off all location filters at once.



### Clear individual filters

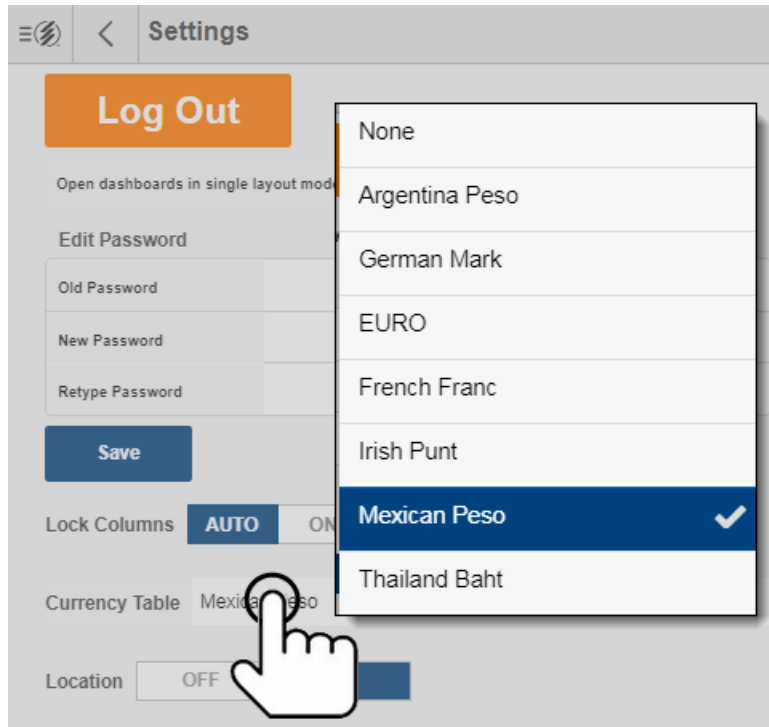
In the Filters panel, tap the X to clear a dimension or key filter (i.e., show data for all members).

Tap the trash icon to completely remove a filter. Key and dimension filters must be cleared before you can remove them.



## Currency selection

You can change the currency from within the mobile app. Go to the Settings area and pick your preferred currency. (The dataset configuration must include currency tables.)



## Version 1.9.7

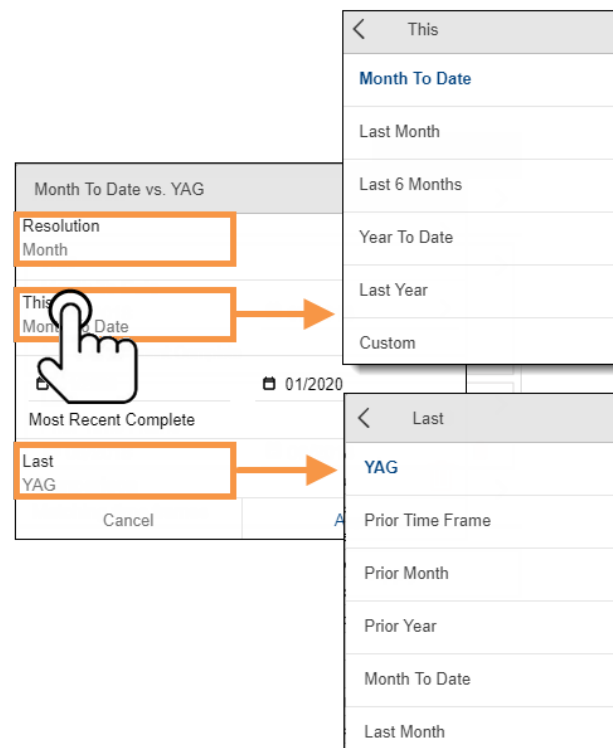
This version supports new features in Salient Dashboards that give Designers more control over dashboard appearance and functionality. These features require Salient Dashboards Version 7.10 SP1 or higher.

- Grid/graph toggling may be restricted by the Designer to provide users with simpler, pre-configured displays.
- Graphs can use custom highlighting colors (if configured).
- In trend, comparative, and multi comparative widgets, custom graph labels allow Designers to apply meaningful terminology and simplify graphs.

## Version 1.9.5

### Quick-pick date options

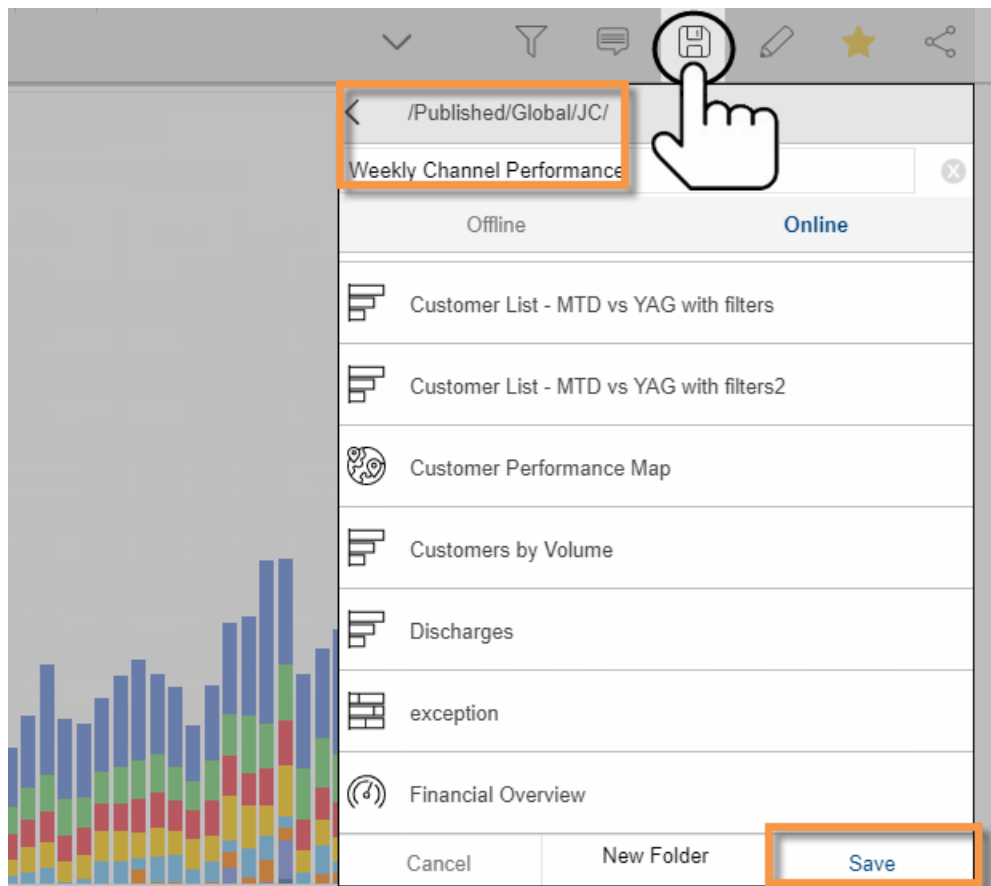
Choose from the same easy date options that are available in browser-based dashboards. For example, see the month-to-date, last month, last six months, or year-to-date compared to a previous timeframe. Select a resolution, and then tap and choose on whatever timeframe interests you.



# Version 1.9

## Save your own customized dashboards

This version lets you save your own dashboards within the mobile app (Power Viewers and Dashboard Designers only). Customize dashboards by filtering, selecting measures, and more, and then save them to create a set of dashboards for your own unique purposes. Depending on account settings, you may be able to save private and/or global (i.e., shared) dashboards.



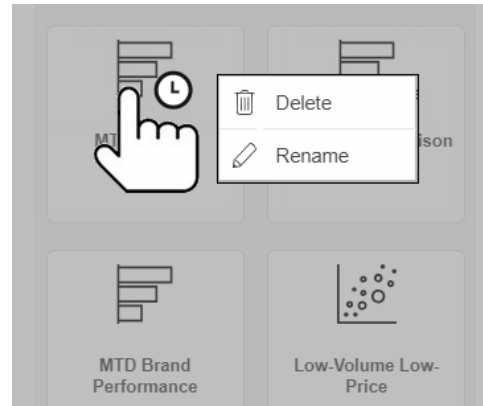


## Manage dashboards

The mobile app now provides dashboard management features so you can organize your dashboards while you are on the go.

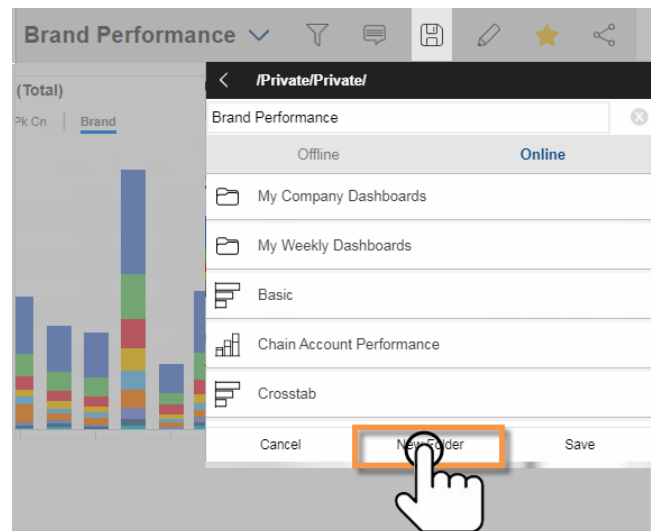
### Delete and rename dashboards

TAP AND HOLD to delete or rename a dashboard or dashboard folder.



### Create dashboard folders

You can create your own folders for organizing dashboards (Power Viewers and Dashboard Designers only). This option is available when saving a dashboard.

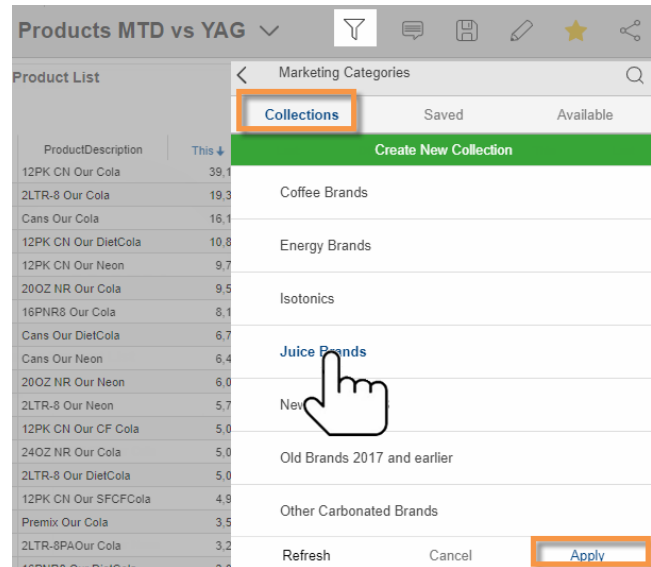


## Advanced filtering

### Custom collections

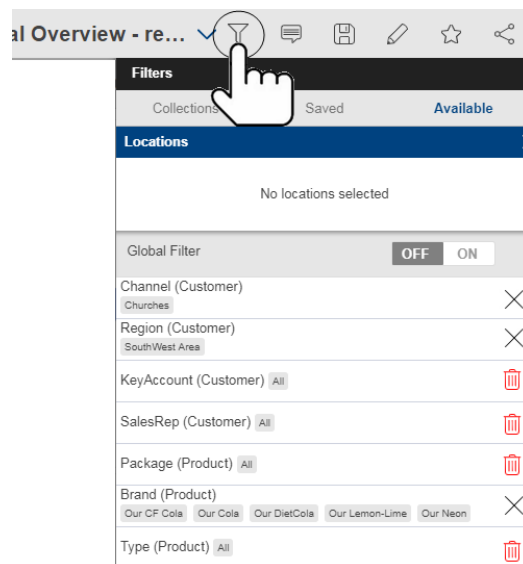
You can create and apply custom collections of members to narrow down on your preferred areas of the business (Dashboard Designers and Power Viewers only). Collections can be saved for future use and/or utilized for ad-hoc filter selection. Collections can be used in other dashboards and by other users (if global).

Go to the Collections area in the Filters panel to choose an existing collection or create your own.



### More types of filters

The filters panel includes more types of filters in this version. If global filters are off, this includes all workspace filters built into the dashboard as well as collection-based filters. If global filters are on, this includes all applicable global filters, which are expanded in this version to include any global filter used as a Group By or workspace filter in the dashboard.



## Custom ways of grouping the data

Dashboard Designers can create custom ways of grouping the data, called "custom groups." In the mobile app, you can pick a custom group just like a regular "Group By" to roll up and compare custom collections by performance, history, business initiatives, or any other way.

Comparative				
Package				
Customer List				
Channel				
Package				
My Brands vs Others				
ZipCode				
City				
State				
DistributionType				

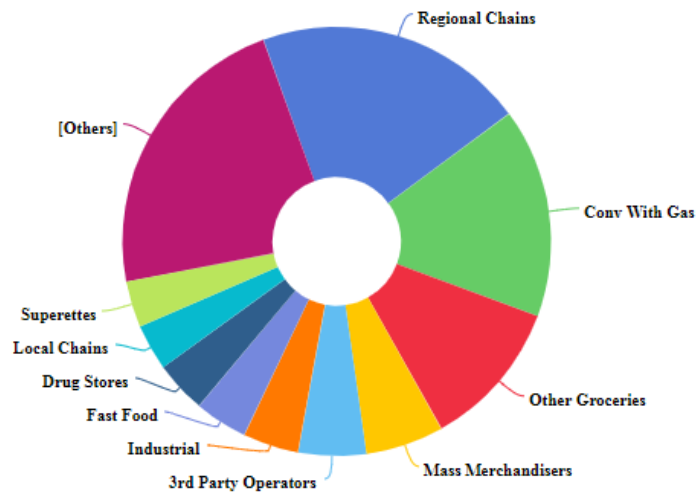
  

Units		Diff	% Change	This
Last				
122,634		-46,496	-37.91	206,180
63,368		-19,520	-30.80	157,027
69,822		-29,283	-41.94	201,544
32,914		-8,566	-26.03	224,181
23,112		-5,292	-22.90	71,084
12,600		-3,431	-27.23	34,020
10,230		-2,705	-26.44	24,542
9,118		-2,228	-24.44	56,296
8,492		-2,289	-26.95	50,557
8,060		-2,328	-28.88	-1,910
5,400		-805	-14.91	18,955
6,348		-2,108	-33.21	15,231

## Improved graphs

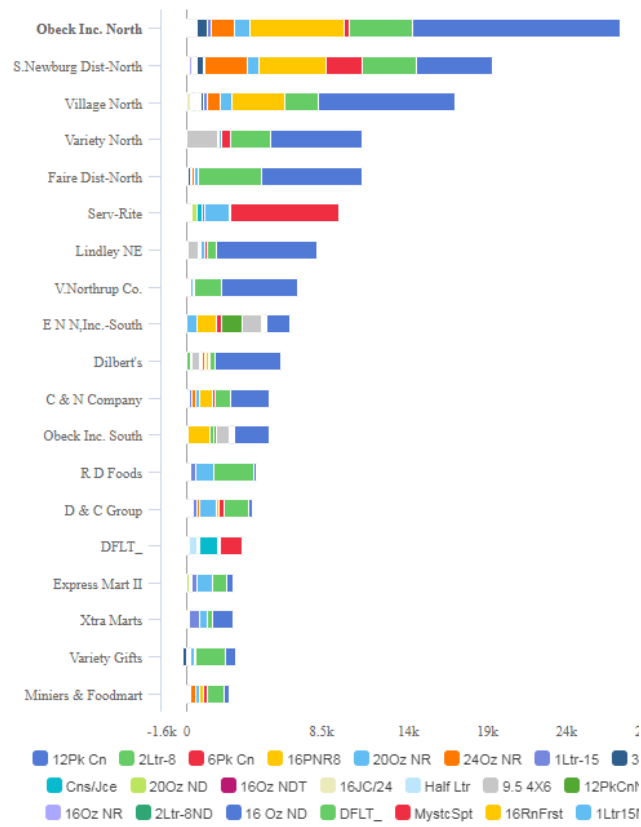
### Pie chart insights

Labels show who or what each slice represents, allowing for a simpler graph without a legend. The labels type must be pre-configured into the dashboard.



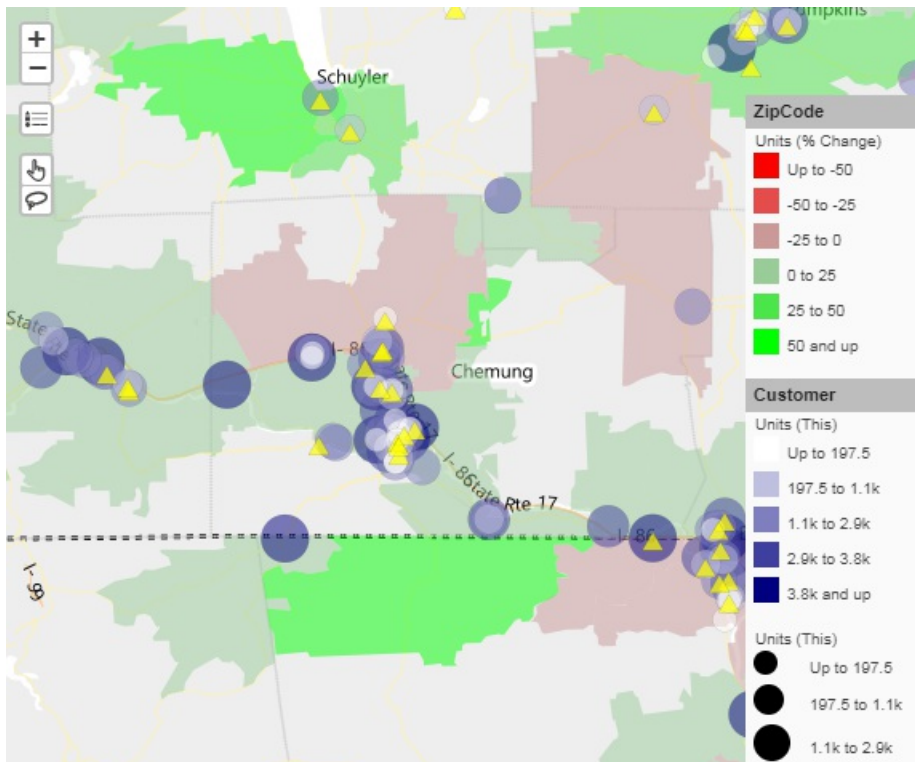
### Improved two-way graphs

The new horizontal format of the Crosstab graph shows more data on the screen. This graph type must be pre-configured into the dashboard.



## Map enhancements

Transparency is available in Geo maps to make them easier to read. In addition, custom buckets of data can now be used to match up ranges of data to specific colors (e.g., green for positive change and red for negative change). These settings must be pre-configured in the dashboard.



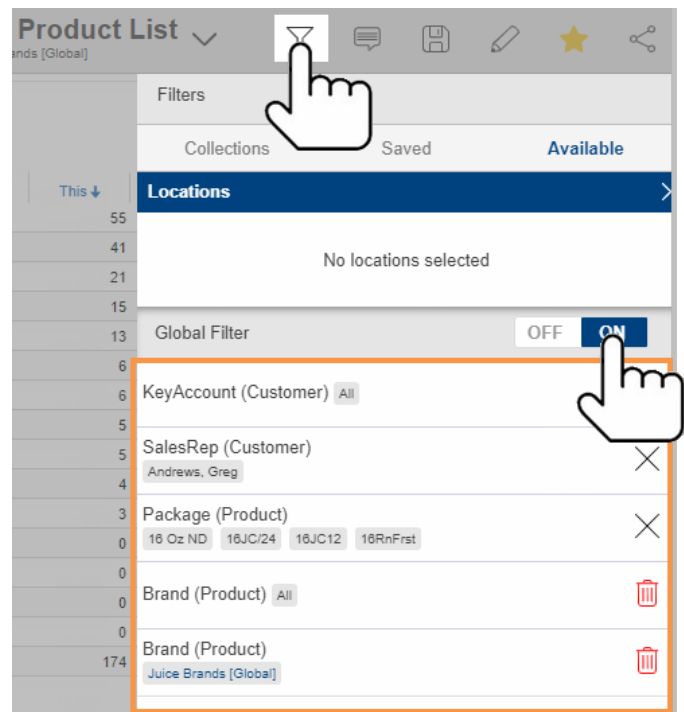
# Version 1.8

## Global filtering

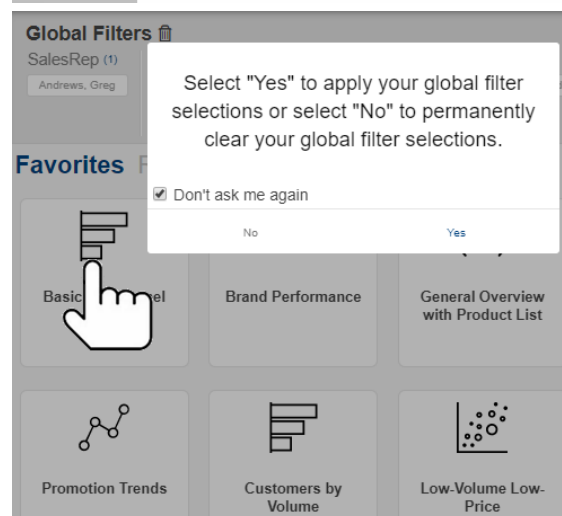
You can turn on global filters to re-use them across multiple dashboards. This enhancement makes it easy to stay focused on any area of the business while viewing the data in a variety of dashboards and widgets.

To select global filters, open a dashboard, make sure that global filtering is on, and choose what you want to see. Global filters can utilize saved filter sets or you can make your own selection when you turn the filter on.

You can then apply the global filters to any other dashboard by simply opening the dashboard. Note that only applicable filters will be applied.



The home screen shows a snapshot of the global filters that are currently on and lets you remove them.



You will receive a prompt to apply global filters when you open a dashboard with global

filters on for the first time. After that, global filters will be automatically applied each time you open a dashboard. You can control this behavior (i.e., automatically apply global filters or show prompt) in user settings.

## Pass/fail details

In an Exception grid or graph, just tap to see details and tap again to see underlying lists of passing, failing, or total members (e.g. customers who did or did not buy).

Channel	Totals	Passed	% Passed
Industrial	578		
Schools	459		
Fast Food	395		
Restaurants	411		
Other	283		
Convenience	197		
Bars / Taverns	212		
All Othr On Premise	1,122		
Hosp'ls/Nursing Hmes	126		
Recreation	444		
Clubs	115		
Government Accounts	144		

Details	
Downlevel	Expand
Customer.Channel:	Fast Food
Internal ID:	56
(Totals):	395
Passed (This):	166
Passed (Last):	171
% Passed (This):	42.0
% Passed (Last):	43.3
Failed (This):	229
Failed (Last):	224

229 Failed (This) - Fast Food			
[Units >= 1]			
Customer	CustName	This ↓	Last
03386	DENNIS HOMEMADE ICE CREAM	0	0
04976	THE GREAT ESCAPE	0	0
06189	IRON KETTLE FARM	0	0
06890	LA BELLA PIZZA	0	0
07150	LOWMAN FLEA MARKET-CONCESSION	0	0
03508	DOG HOUSE	0	0
00610	BAGELS NORTHEAST INC	0	0
00611	THE BAGEL EXPRESS	0	0



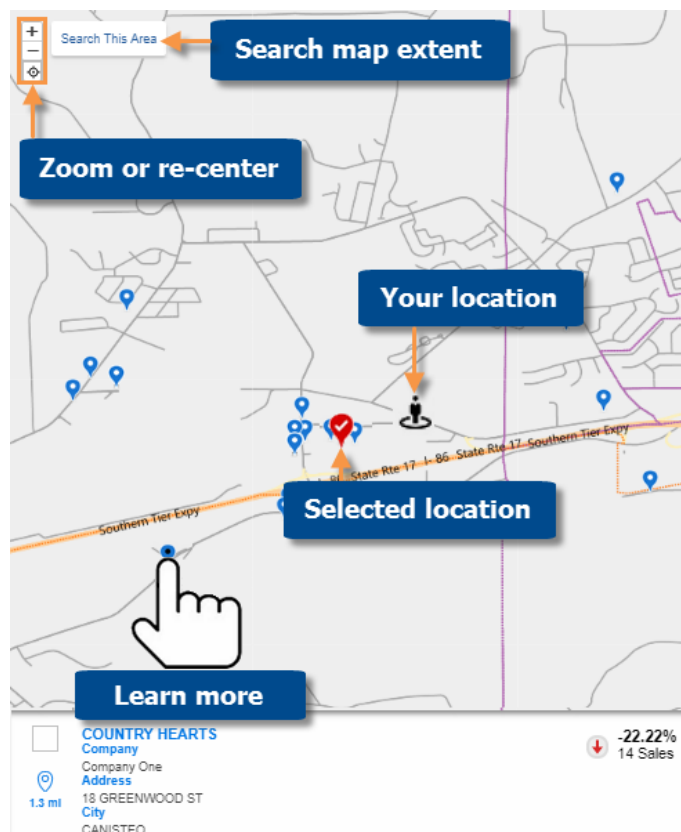
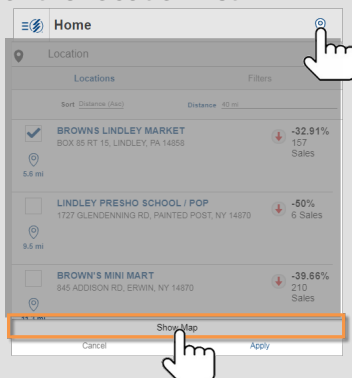
# Version 1.7

## Location maps

This version allows you to map nearby locations that are defined within the dataset (for example, nearby customers or assets). In previous versions, the nearby locations were shown in a list format. Now an interactive map is also available.

You can pan and zoom in the map to see details or look at a different area. Just click to re-run the search within any map extent (for example, find nearby locations for an area that you plan to visit in the future). The map lets you easily find out more about any location. Tap on a location in the map to see details or mark a location in the list to make it easy to spot in the map. Additional setup is required.

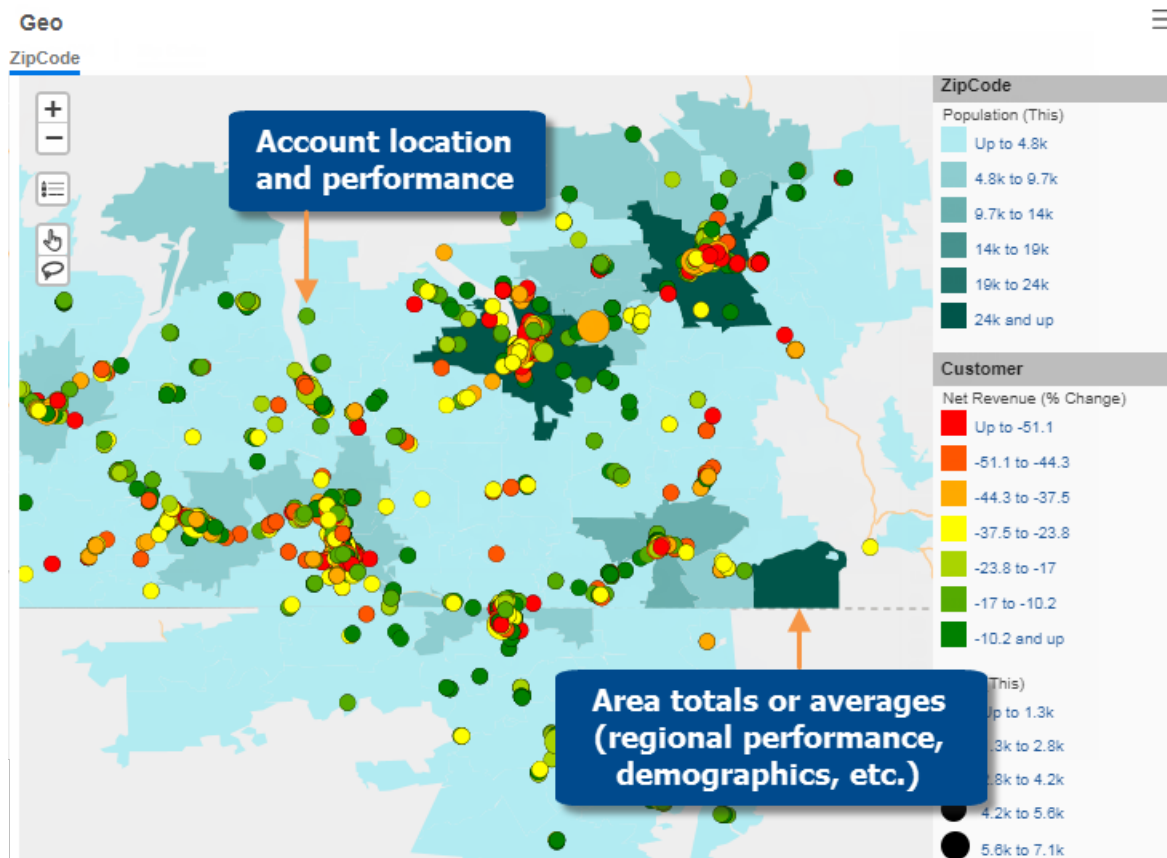
**Tip:** To turn on the map, click the "Show Map" button at the bottom of the location list.



# Version 1.6

## Geo

A Geo widget is now available to provide geospatial intelligence in dashboards. Maps can include markers that show precise account locations and performance (e.g., size and color may represent data values, change, etc.). In addition, the map can shade areas based on data totals or averages to reveal performance trends and areas of interest. The map is interactive: pan, zoom, select markers, list them out, filter, etc., as you follow the data wherever it leads. The Geo widget requires additional server installation and setup.

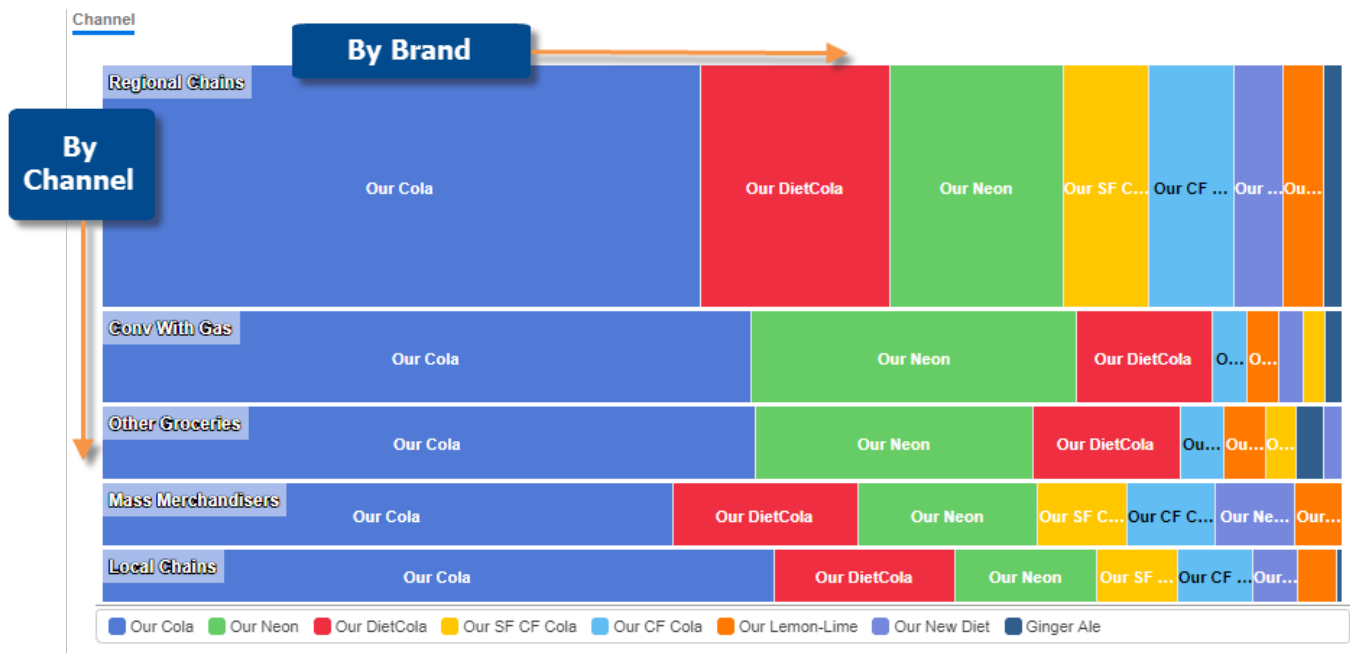


## See it two ways at once

New formats of the Crosstab widget are available to visually represent change or intensity broken down two ways at once. The graph can be customized to show data values, change since another timeframe, and/or attributes, to provide endless possibilities for visual data analysis. Here are just a few examples:

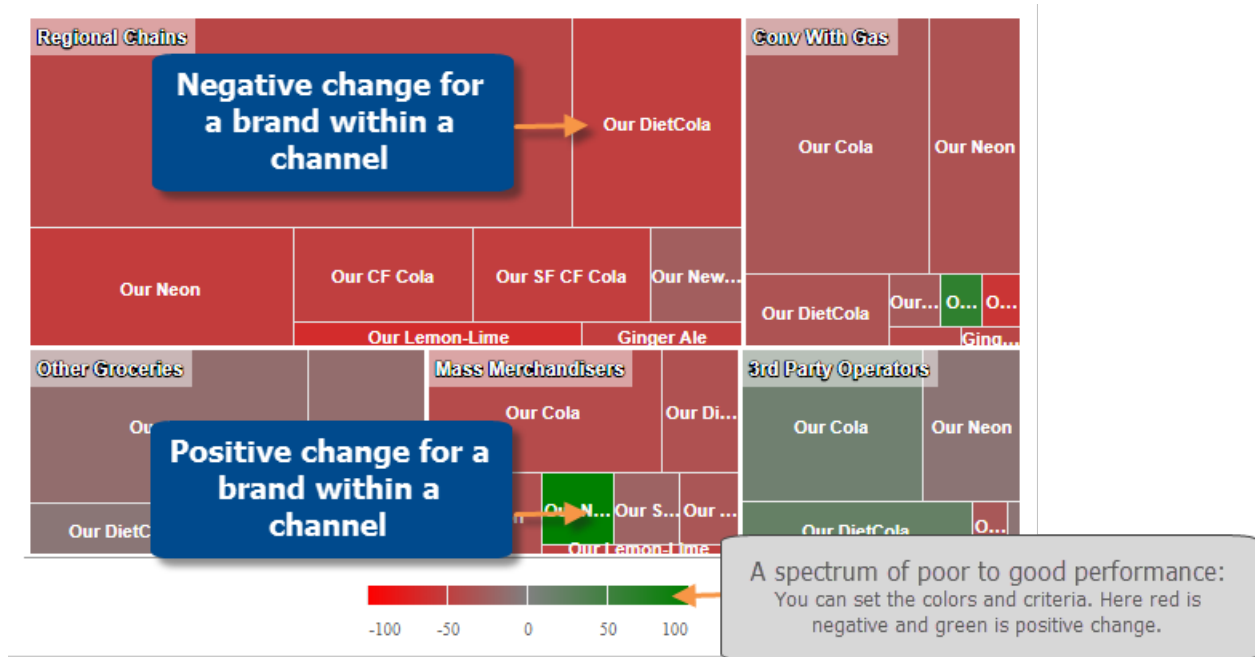
## Two-way share graphs

The Mondrian makes it easy to spot which items are most significant across another attribute (e.g., significant brands across regions).



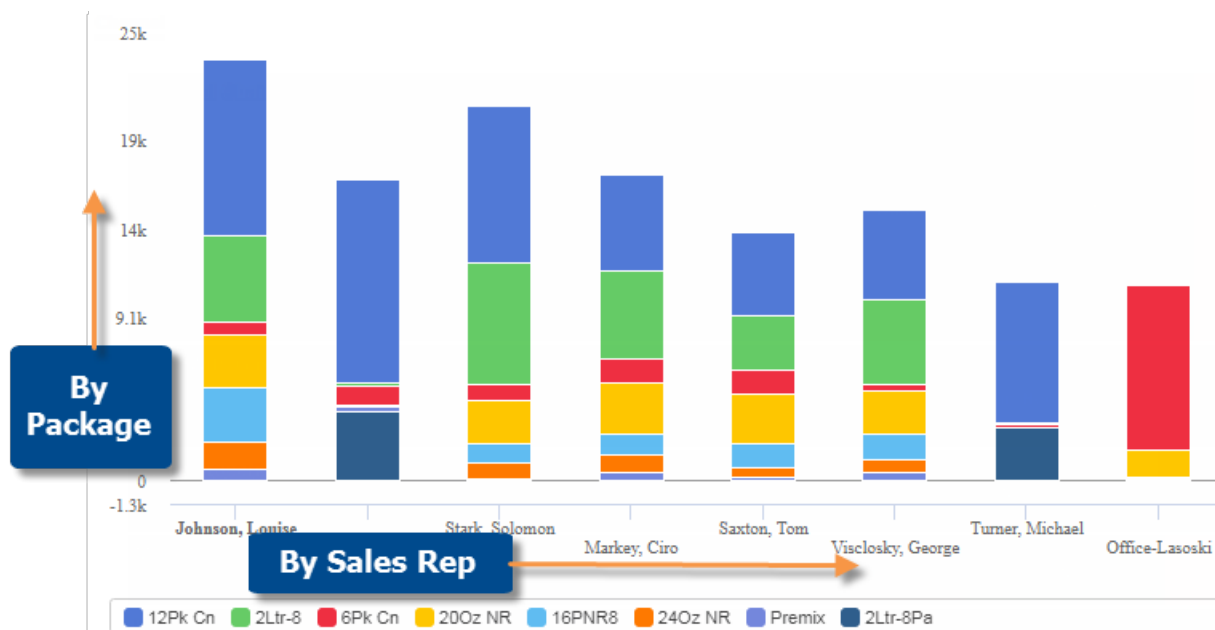
## Visualizations for gains and losses

The DeltaMap can reveal significant changes since another timeframe



## Totals and details in one view

The Stacked Bar graph compares totals across an attribute (e.g., sales reps) and, at the same time, breaks the data down further by another attribute.



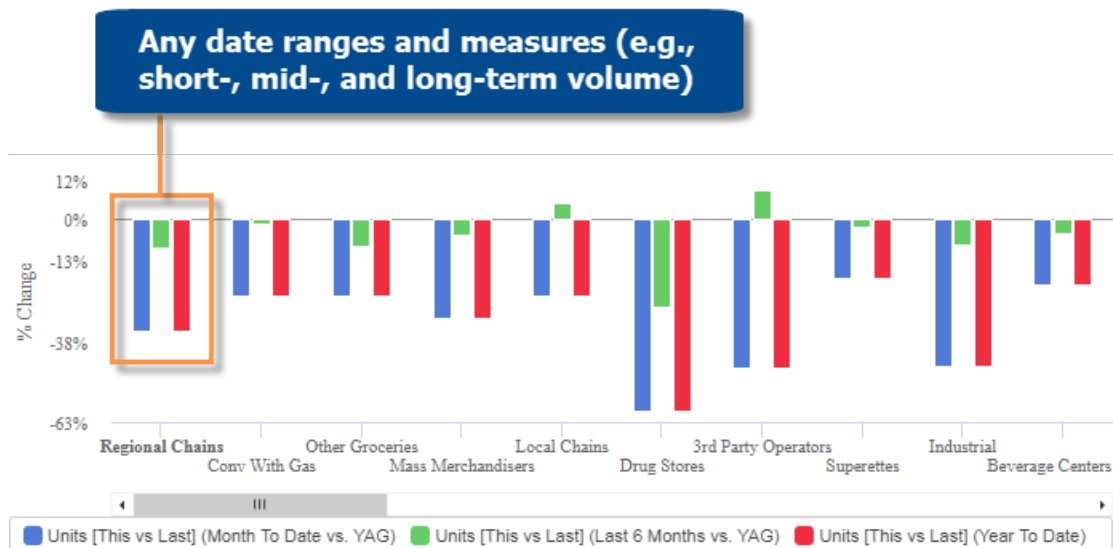
## Multiple customized timeframes

The Multi Comparative widget can include any combination of custom date ranges for any measures. For example, compare weeks, months, and year-to-date to earlier date ranges.

### Multi Comparative grids

Multiple date ranges/measures							
Channel	Month To Date vs. YAG - Units		Last 6 Months vs. YAG - Units		Last Week	Year To Date vs. YAG - Units	
Channel	This ↓	% Change	This	% Change	Units	This	% Change
> Regional Chains	75,260	-34.84	427,795	-8.93	11,856	75,260	-34.84
> Conv With Gas	29,393	-23.83	176,076	-1.44	4,358	29,393	-23.83
> Other Groceries	23,519	-23.95	135,986	-8.39	3,981	23,519	-23.95
> Mass Merchandisers	20,109	-30.47	136,888	-5.06	2,196	20,109	-30.47
> Local Chains	17,356	-23.72	70,017	4.89	1,754	17,356	-23.72
> Drug Stores	15,651	-59.56	80,937	-27.46	3,584	15,651	-59.56
> 3rd Party Operators	15,140	-46.01	100,984	8.80	3,730	15,140	-46.01
> Superettes	11,545	-18.39	57,868	-2.35	1,463	11,545	-18.39
> Industrial	7,633	-45.69	58,157	-7.73	1,131	7,633	-45.69
> Beverage Centers	7,330	-20.24	41,075	-4.28	553	7,330	-20.24
> Fast Food	7,166	-31.66	44,117	-7.47	1,264	7,166	-31.66

### Multi Comparative graphs



## Improved filtering

### More control over filters

This version of dashboards introduces new types of interactive filters to help users narrow down on the exact piece of information needed. You can edit or remove most types of filters using the breadcrumb path at the top of the widget and/or the filter panel.

### Linked filters

In this version, the filter panel automatically limits selections based on other filters in the panel. This makes it easier to choose data that is available and relevant.

## Date range enhancements

### Easier date selection

When changing the dates, you can select the “resolution,” which is the type of timeframe (e.g., day, week, month, etc.). This enhancement allows for easier date selection because you don’t need to pick start and end dates down to the specific day for most resolution types.

### Relative/moving timeframes

You can pick a date range that updates over time (e.g., most recent month, most recent two months, last week, etc.) in widgets that are set up to use relative date ranges.

## More efficient dashboard loading

Widgets are now loaded on an “as needed” basis (i.e., only what’s on the screen). This results in faster loading of dashboards that have multiple widgets available via swipe.

## Security & usability

You will receive a prompt when it’s time to change your password.