

# WebFOCUS

WebFOCUS Business User Edition  
Release Guide  
Release 8.2 Version 04

January 08, 2019

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# WebFOCUS Business User Edition Key Features

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WebFOCUS Business User Edition (BUE) is intended for business users and analysts that want to generate and share reports, charts, documents, and visualizations. It is also intended for those who want to conduct data discovery to explore trends, patterns, and opportunities. It is a WebFOCUS business intelligence (BI) and analytics platform that enables reporting and analytic capabilities, which can be delivered to users inside and outside of your organization.

WebFOCUS Business User Edition is a self-service analytics solution for groups of business users and analysts. It is not only a web-based environment, but also a multi-user, server-based product designed with a user interface that is oriented toward non-technical users.

This topic describes the new features for WebFOCUS BUE Release 8.2 Version 04.

**In this chapter:**

- [Scheduling and Distribution Enhancements](#)
  - [Security and Administration Enhancements](#)
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## Scheduling and Distribution Enhancements

ReportCaster is a scheduling and distribution application that centralizes the execution and distribution of reports, the contents of URLs, and files. ReportCaster supports multiple administrators and provides a single point of control for managing information distribution within an organization.

Learn about the new capabilities and enhancements available for scheduling and distribution in this release.

## Creating Data-Driven Alerts

You now have the ability to create data-driven Alerts in WebFOCUS Business User Edition. This feature, which has been activated through user privileges, allows you to create Alert tests and results, so you can notify members of your organization when a specific guideline has or has not been met. The ability to view this information in real-time enables you to quickly analyze results and make important business decisions.

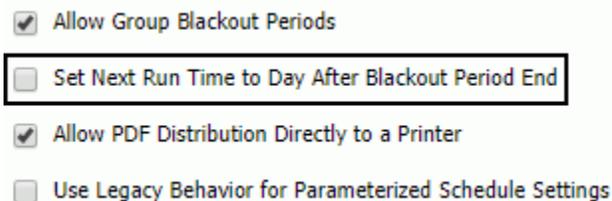
To create a new Alert, select a Domain, and under Create New, click *Alert*. This launches the Alert Assist user interface, where you can create your Alert test and result. You then schedule this procedure using the ReportCaster scheduling options.

For more information, see the *Working With Alerts* topic.

## Controlling When Schedules Run After Blackout Periods

If you have a recurring schedule that is not allowed to run during a designated Blackout Period, you can ensure that the schedule runs at the same time the following day. To activate this feature, select the *Set Next Run Time to Day After Blackout Period End* check box in the ReportCaster Console. Using this feature removes the need to manually adjust the recurrence of a schedule or create a separate schedule.

To access the *Set Next Run Time to Day After Blackout Period End* check box, navigate to the ReportCaster Console. On the ribbon, in the Show group, click the Configuration button to display the Configuration options for the Console. In the side panel, click the General Preferences folder to display the check box, as shown in the following image.



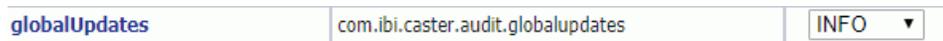
To enable this option, select the check box and then save and restart ReportCaster from the ReportCaster Console.

The next time a schedule is unable to run due to a blackout date, this setting reschedules the distribution to occur the next day, at the same time, even if the schedule is not set to run that day.

## Recording Global Updates

The ReportCaster Console Global Updates tool helps you quickly update values stored in multiple schedules and scheduling tools. You can use the globalUpdates log file to keep a detailed record of any global updates you initiate. This feature enables you to keep track of all past updates, and enables you to comply with the regulatory auditing requirements of your organization.

To access the globalUpdates log file, launch the Administration Console, click the Diagnostics tab, and then click Log Files. The following image shows the link to click to view the globalUpdates, log and the Log Level options menu for the globalUpdates log. This log is set to INFO, by default.



The globalUpdates log file records changes to the following values:

- Mail Server
- FTP Server
- Printer
- Email Address
- Email From
- Library URL
- Data Server
- Notification Type
- Notification Reply Address
- Notification Subject
- Notification Brief Message To
- Notification Full Message To
- First Pre-processing Procedure
- Second Pre-processing Procedure
- First Post-processing Procedure
- Second Post-processing Procedure

Each log entry displays information in the following format.

`[YYYY-MM-DD hh:mm:ss,sss] INFO [Thread Identifier]User_ID - Database Table DATABASE TABLE NAME - Global Update VALUETYPE of Old Value: old value to New Value: new value`

The following example shows a global update log entry.

`[2018-06-14 15:38:04,697] INFO [http-nio-25060-exec-8:globalupdates] admin - Database Table BOTDIST - Global Update EMAILADDRESS of Old Value: EmailA@ibi.com to New Value: EmailB@ibi.com`

**Note:** Depending on your chosen browser, you may need to scroll your browser window to the right in order to view the full log information.

## Security and Administration Enhancements

The WebFOCUS Business User Edition repository and authorization security model uses an implementation of Role-Based Access Control (RBAC) to enforce security across all resources in the repository. The flexibility of this model enables an administrator to implement security at a granular level for every resource in the repository, if needed. User actions can be permitted for individual combinations of users and resources. Access can be granted or specifically denied on a group or individual level, and it can be inherited from higher folders.

Learn about the new capabilities and enhancements available for security and administration in this release.

## Application Log Files Page

The new Application Log Files page has been added to the Administration Console Diagnostics tab, as shown in the following image.

Log Name	Log Size	Log Date
cm_import_WFFPResponseDemo_2018-05-31_12-18-45.log	149515	2018-05-31 12:18:45
cm_import_Popups_System_v01_2018-05-31_12-11-40.log	320965	2018-05-31 12:11:40
cm_import_HCN1128_20171128_134409_admin_2018-05-31_12-12-02.log	185449	2018-05-31 12:12:11
cm_import_page_templates_v02_2018-05-31_12-08-21.log	365240	2018-05-31 12:08:30
cm_import_Themes_v03_2018-05-31_12-08-30.log	238623	2018-05-31 12:08:30
cm_import_Popups_Demo_Domain_v01_2018-05-31_12-11-15.WebFOCUSMigrationPU.log	0	2018-05-31 12:11:21
cm_import_page_templates_v02_2018-05-31_12-08-21.WebFOCUSMigrationPU.log	0	2018-05-31 12:08:21
cm_import_PDFs_Head_2018-05-31_12-11-53.log	172438	2018-05-31 12:12:02
cm_import_HCN1128_20171128_134409_admin_2018-05-31_12-12-11.log	183635	2018-05-31 12:12:23
cm_import_managers_group_and_roles_2018-05-31_12-08-04.WebFOCUSMigrationPU.log	0	2018-05-31 12:08:06
cm_import_roles_2018-05-31_12-07-55.WebFOCUSMigrationPU.log	0	2018-05-31 12:07:57
cm_import_page_templates_v03_2018-05-31_12-08-11.log	259521	2018-05-31 12:08:21
cm_import_Retail_Samples_Domain_CM_v06_2018-05-31_12-12-23.WebFOCUSMigrationPU.log	0	2018-05-31 12:12:24
cm_import_page_templates_v03_2018-05-31_12-08-11.WebFOCUSMigrationPU.log	0	2018-05-31 12:08:12
cm_import_Retail_Samples_Domain_CM_v06_2018-05-31_12-12-23.log	303802	2018-05-31 12:12:26
cm_import_HCN1128_20171128_134409_admin_2018-05-31_12-12-11.WebFOCUSMigrationPU.log	0	2018-05-31 12:12:13
cm_import_roles_2018-05-31_12-07-55.log	434202	2018-05-31 12:08:04
cm_import_WFFPResponseDemo_2018-05-31_12-10-45.WebFOCUSMigrationPU.log	0	2018-05-31 12:10:47
cm_import_Popups_System_v01_2018-05-31_12-11-40.WebFOCUSMigrationPU.log	0	2018-05-31 12:11:41
cm_import_Themes_v03_2018-05-31_12-08-30.WebFOCUSMigrationPU.log	0	2018-05-31 12:08:32
cm_import_HCN1128_20171128_134409_admin_2018-05-31_12-12-02.WebFOCUSMigrationPU.log	0	2018-05-31 12:12:03
cm_import_Popups_Demo_Domain_v01_2018-05-31_12-11-15.log	632794	2018-05-31 12:11:39
cm_import_managers_group_and_roles_2018-05-31_12-08-04.log	260072	2018-05-31 12:08:11
cm_import_Testing_Performance_Partial_2018-05-31_12-11-03.WebFOCUSMigrationPU.log	0	2018-05-31 12:11:04
cm_import_Testing_Performance_Partial_2018-05-31_12-11-02.log	218395	2018-05-31 12:11:10
cm_import_PDFs_Head_2018-05-31_12-11-53.WebFOCUSMigrationPU.log	0	2018-05-31 12:11:54

The Application Log Files page displays links to all log files generated from application utilities. Using this page, you can review application log files, and the records they contain, when you need to analyze errors or production issues that occurred when running an application utility. By making it easy to find and review application log information, the Application Log Files page saves you time when troubleshooting the operation of a standalone utility, such as a change management import or export. This page supports your efforts to quickly resolve any issues you may encounter, and provides you with a way to share records of utility operations with the Customer Service team.

## Visualization and Analytics

WebFOCUS Business User Edition allows all users to easily conduct data preparation, visually analyze complex data sets, and quickly generate compelling data visualizations, dashboards, and reports that can be shared with other users. This gives you an edge in using content and developing real-world scenarios derived from your source data.

Learn about the new capabilities and enhancements available for visualization and analytics in this release.

## Transforming Complex Views of Data into Reporting Objects

You can now transform complex views of your data into Reporting Objects, a type of template that other users in your organization can leverage to easily create meaningful reports, charts, or other content. These Reporting Objects are stored in the Content folders within a Domain, and can include criteria such as WHEREs, JOINS, virtual fields (DEFINES), filters, and report or chart templates.

To create a new Reporting Object, select a Domain and folder, under Create New, click *Reporting Object*. This launches the Reporting Object user interface. Once you create and share your Reporting Object, users can create content from that Reporting Object by right-clicking it, and selecting the component that they want to create.

For more information, see the *Creating Reporting Objects* topic.

## Freezing Column Headings in Active Reports

You can now freeze column headings in your In-Document Analytics (Active Technologies) reports. The Freeze option in the GUI tools allows you to define a scroll area within the data of your report and lock the column heading titles in place, enabling you to scroll through the data within the container. Report headings, footings, and grand totals are also locked, so that these also stay in view while you scroll the data in your report. This is very useful when working with large reports.

When you enable the column title freeze feature and run your report, a thin scroll bar displays to the right side of the report, as shown in the following image.

Customer State Province	Cost of Goods	Discount	Gross Profit	Revenue	MSRP	TOTAL
Aargau	\$6,507,745.00	\$420,459.73	\$2,565,432.24	\$9,073,177.24	9,493,635.93	28,060,450.14
Abruzzo	\$3,154.00	\$200.20	\$1,140.23	\$4,294.23	4,494.43	13,283.09
Abruzzo	\$46,907.00	\$2,746.64	\$18,210.28	\$65,117.28	67,863.91	200,845.11
Acores	\$59,687.00	\$3,228.30	\$23,475.81	\$83,162.81	86,391.08	255,945.00
Acre	\$102,228.00	\$6,814.96	\$37,565.50	\$139,793.50	146,608.45	433,010.41
Adana	\$2,324.00	\$289.58	\$714.79	\$3,038.79	3,328.37	9,695.53
Adiyaman	\$15,413.00	\$1,189.96	\$6,606.42	\$22,019.42	23,209.38	68,438.18
Afyonkarahisar	\$9,506.00	\$444.19	\$3,746.34	\$13,252.34	13,696.53	40,645.40
Aguaascalientes	\$88,921.00	\$5,091.37	\$34,255.99	\$123,176.99	128,268.35	379,713.70
Aichi	\$6,583.00	\$422.59	\$2,775.95	\$9,358.95	9,781.54	28,922.03
Aisen del General Carlos Ibane	\$162,647.00	\$13,202.73	\$59,823.51	\$222,470.51	235,673.20	693,816.95
Aisen del Gral. c. Ibanez del Campo	\$14,033.00	\$867.59	\$6,164.03	\$20,197.03	21,064.62	62,326.27
Akershus	\$32,904.00	\$2,508.07	\$11,605.78	\$44,509.78	47,017.84	138,545.47
Akershus county	\$10,501.00	\$391.49	\$4,054.95	\$14,555.95	14,947.44	44,450.83
Akita	\$14,461.00	\$265.99	\$4,981.55	\$19,442.55	19,708.54	58,859.63
Al Bahr al Ahmar	\$14,254.00	\$1,021.62	\$3,785.31	\$18,039.31	19,060.93	56,161.17
Al Buhayrah	\$3,900.00	\$165.00	\$1,598.30	\$5,498.30	5,663.30	16,824.90
Al Iskandariyah	\$8,371.00	\$433.40	\$2,973.58	\$11,344.58	11,777.98	34,900.54
Al Ismailiyah	\$4,026.00	\$230.85	\$1,806.95	\$5,832.95	6,063.80	17,960.55
Al Jizah	\$7,461.00	\$347.00	\$2,766.75	\$10,227.75	10,574.75	31,377.25
Al Wadi al Jadid	\$4,058.00	\$164.90	\$1,676.84	\$5,734.84	5,899.74	17,534.32
Alabama	\$1,586,341.00	\$103,408.19	\$620,799.77	\$2,207,140.77	2,310,548.78	6,828,238.51
Alagoas	\$259,258.00	\$16,364.64	\$100,781.01	\$360,039.01	376,403.61	1,112,846.27
Alaska	\$5,087,967.00	\$337,102.82	\$2,011,411.46	\$7,099,378.46	7,436,480.40	21,972,340.14
Alberta	\$5,980,749.00	\$405,231.37	\$2,361,176.68	\$8,341,925.68	8,747,156.11	25,836,238.84
Alsace	\$42,593.00	\$2,271.65	\$18,212.01	\$60,805.01	63,076.67	186,958.34
Amana	\$50,453.00	\$4,455.62	\$37,177.50	\$127,630.50	132,086.22	304,803.02

830 of 830 records, Page 1 of 15 ▶▶▶

When you mouse over the thin scroll bar, it turns into a full scroll bar, making it easier to scroll through your report data. This scroll bar is shown in the following image.

Province	Cost of Goods	Discount	Gross Profit	Revenue	MSRP	TOTAL
Aargau	\$6,507,745.00	\$420,459.73	\$2,565,432.24	\$9,073,177.24	9,493,635.93	28,060,450.
Abruzzi	\$3,154.00	\$200.20	\$1,140.23	\$4,294.23	4,494.43	13,283.
Abruzzo	\$46,907.00	\$2,746.64	\$18,210.28	\$65,117.28	67,863.91	200,845.
Acores	\$59,687.00	\$3,228.30	\$23,475.81	\$83,162.81	86,391.08	255,945.
Acre	\$102,228.00	\$6,814.96	\$37,565.50	\$139,793.50	146,608.45	433,010.
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Aichi	\$6,583.00	\$422.59	\$2,775.95	\$9,358.95	9,781.54	28,922.
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Aisen del Gral. c. Ibanez del Campo	\$14,033.00	\$867.59	\$6,164.03	\$20,197.03	21,064.62	62,326.
Akershus	\$32,904.00	\$2,508.07	\$11,605.78	\$44,509.78	47,017.84	138,545.
Akershus county	\$10,501.00	\$391.49	\$4,054.95	\$14,555.95	14,947.44	44,450.
Akita	\$14,461.00	\$265.99	\$4,981.55	\$19,442.55	19,708.54	58,859.
Al Bahr al Ahmar	\$14,254.00	\$1,021.62	\$3,785.31	\$18,039.31	19,060.93	56,161.
Al Buhayrah	\$3,900.00	\$165.00	\$1,598.30	\$5,498.30	5,663.30	16,824.
Al Iskandariyah	\$8,371.00	\$433.40	\$2,973.58	\$11,344.58	11,777.98	34,900.
Al Ismailiyah	\$4,026.00	\$230.85	\$1,806.95	\$5,832.95	6,063.80	17,960.
Al Jizah	\$7,461.00	\$347.00	\$2,766.75	\$10,227.75	10,574.75	31,377.
Al Wadi al Jadid	\$4,058.00	\$164.90	\$1,676.84	\$5,734.84	5,899.74	17,534.
Alabama	\$1,586,341.00	\$103,408.19	\$620,799.77	\$2,207,140.77	2,310,548.78	6,828,238.
Alagoas	\$259,258.00	\$16,364.64	\$100,781.01	\$360,039.01	376,403.61	1,112,846.
Alaska	\$5,087,967.00	\$337,102.82	\$2,011,411.46	\$7,099,378.46	7,436,480.40	21,972,340.
Alberta	\$5,980,749.00	\$405,231.37	\$2,361,176.68	\$8,341,925.68	8,747,156.11	25,836,238.
Alsace	\$42,593.00	\$2,271.65	\$18,212.01	\$60,805.01	63,076.67	186,958.
Amapa	\$90,453.00	\$4,455.62	\$37,177.59	\$127,630.59	132,086.22	391,803.
Amasya	\$29,669.00	\$1,330.14	\$12,531.30	\$42,200.30	43,530.43	129,261.
Amazonas	\$453,360.00	\$29,405.36	\$179,389.61	\$632,749.61	662,154.91	1,957,059.
Anatoliki Makedonia kai Thraki	\$19,253.00	\$1,375.72	\$7,585.96	\$26,838.96	28,214.68	83,268.
Andalucia	\$541,730.00	\$33,120.96	\$215,641.59	\$757,371.59	790,492.46	2,338,356.
Andaman & Nicobar Islands	\$5,455.00	\$393.38	\$2,349.37	\$7,804.37	8,197.75	24,199.
Andaman And Nicobar	\$5,496.00	\$372.89	\$2,083.82	\$7,579.82	7,952.71	23,485.
Andhra Pradesh	\$88,870.00	\$6,201.67	\$33,341.06	\$122,211.06	128,412.73	379,036.

If your report has more columns than can fit in the output container, you can employ the horizontal scroll bar at the bottom of the report.

**Note:** Scroll bars do not display if there is no scrollable data. Thus, if the data displayed fits the size of the container, scroll bars do not display.

You can enable the column heading freeze feature for In-Document Analytics reports in the GUI tools using the Freeze button on the Format tab of the ribbon, in the Navigation group. Enabling the Freeze option will add HFREEZE=ON in the stylesheet section of the report procedure.

Once you have enabled the column heading freeze feature, you must run your report to view the report with scroll bars.

## Web Development Enhancements

WebFOCUS Business User Edition provides you visual access to tools, functions, properties and features through the Home page. The modern, mobile-friendly design features an innovative user interface and intuitive layout. WebFOCUS Designer is a web-based development tool, allowing you to create interactive, responsive pages and meaningful InfoApps with content that you or other members of your organization create.

Learn about the new capabilities and enhancements available for the web development tools in this release.

### Dragging and Dropping Folders and Files

From the Home page, you can now drag and drop items between different areas of WebFOCUS Explorer.

You can drag and drop folders or files from the content area to other folders within the content area, or to other folders within the repository tree. You can also drag and drop folders from the repository tree to other folders within the repository tree, or to other folders within the content area.

You can drag and drop items, or hold the Ctrl key to drag and drop copies of items. Drag and drop functions the same as the cut-and-paste options from the context menu. Drag and drop while holding the Ctrl key functions the same as the copy-and-paste options from the shortcut menu.

**Note:** You can select multiple items by holding Ctrl while selecting each item.

### Search Options

From the Home page, you now have access to additional search options when searching folders. This allows you to be more specific in your search, and identify your content quickly and easily.

You can select Search options by criteria including Title, Type, and Matching Behavior, as shown in the following image.

The screenshot shows a user interface for searching charts. At the top right, there is a user profile icon labeled 'Administrator'. Below it is a search bar with the text 'Search Charts' and a magnifying glass icon. To the right of the search bar are three icons: a dropdown arrow, a list icon, and a refresh icon. Below the search bar is a filter panel with three dropdown menus: 'Search' set to 'Title', 'Type' set to 'Any', and 'Matching Behavior' set to 'Contains'. A blue 'Reset' button is located at the bottom right of the filter panel.

## Using Keyboard Shortcuts

From the Home page, you can use keyboard shortcuts to perform the common actions shown in the following table.

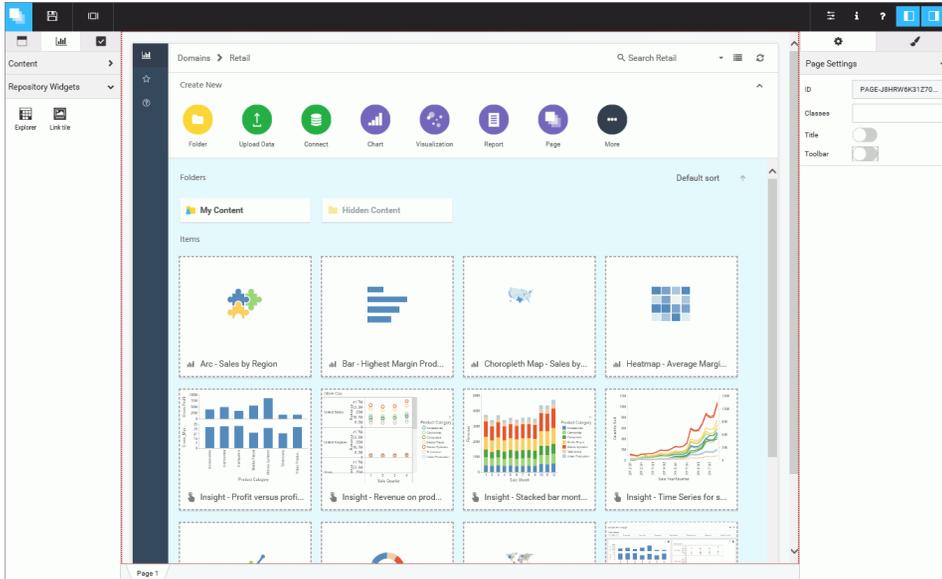
Action	Shortcut Keys
Cut	Ctrl+X
Copy	Ctrl+C
Paste	Ctrl+V
Delete	DEL

The relevant shortcut keys display next to their corresponding options in the shortcut menu.

## Repository Widgets

The Repository Widgets section is now available in the Content tab of the Resource Selector in WebFOCUS Designer. The repository widgets provide additional innovative ways of using your content and incorporating it into your page. There are two repository widgets currently available in WebFOCUS Designer, Explorer and Link tile.

The Explorer widget allows you to put the WebFOCUS Explorer onto your page and use the Home page features to navigate your content. An example of a page displaying the Explorer widget is shown in the following image.

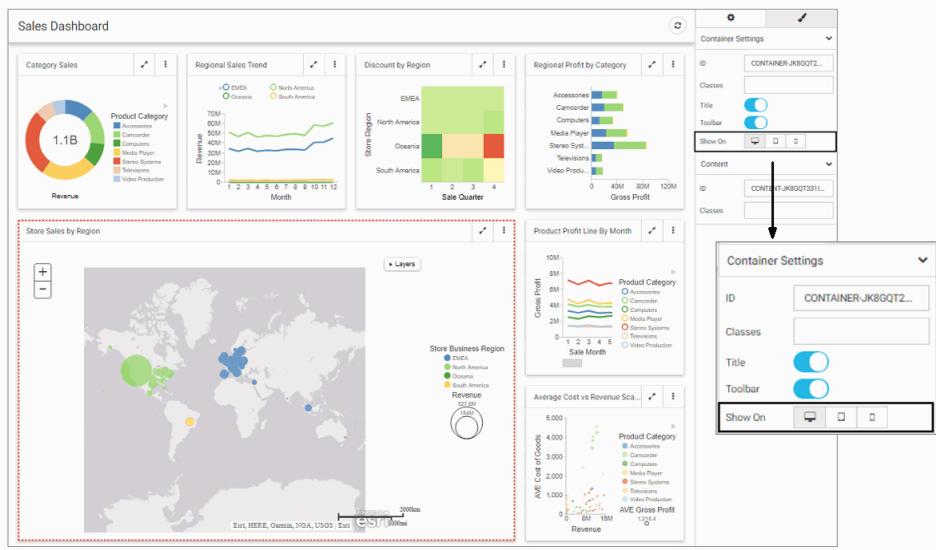


The Link tile widget allows you to arrange content in such a way that one content item becomes a click-through tile that opens another content item. This feature is especially useful when you need to incorporate a large or Insight-enabled item into a page and display it on all devices.

### Hiding Content From Devices

In WebFOCUS Designer, you can choose to hide certain content items from smaller devices. This feature is useful when dealing with large or multi-faceted items like maps and visualizations. Content visibility on devices is controlled by the Show On property, which you configure in the Properties panel. The options include desktop, tablet, and mobile. All three options are selected by default, making the item visible on all devices. Manually, clear the buttons to hide the item from specific device types.

An example of hiding a large item from mobile phones and tablets is shown in the following image.

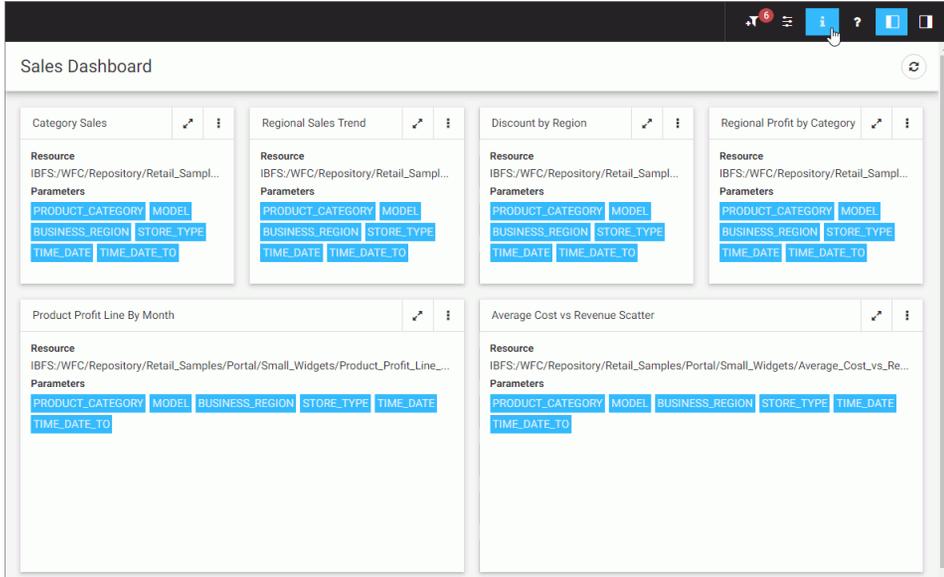


Once the item is hidden from a device, the other items around it re-flow into the empty space and retain the responsive layout.

### Using Info Mode

You can click the Info Mode button in the WebFOCUS Designer toolbar to enable the information mode. This mode changes the view of all content items on the canvas to display their paths in the repository and parameters configured within these items. This feature allows developers to easily find and edit content, determine whether each item is correct for the page, or quickly preview parameters before building a filter grid.

An example of the enabled info mode is shown in the following image.



## ID and Classes Properties

In WebFOCUS Designer, from the Properties panel, you can access the ID and Classes properties. The ID property contains a read-only unique CSS identifier of the object that is currently selected on the canvas. You can reference this value in custom JavaScript and CSS code. The Classes property allows you to add one or more custom CSS classes that you can reference in custom JavaScript and CSS code. On the content panel level these properties can also be used in drill-down targeting procedures. An example of the ID and Classes properties is shown in the following image.



## Configuring Section Row Height

In WebFOCUS Designer, you can change the height of the section that is currently selected on the canvas by configuring the Row Height property in the Properties panel. This feature is especially useful when creating pages with precise UI/UX requirements.

**Note:** Changing the section row height does not change the margin, which can be configured on the page level.





## Feedback

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# WebFOCUS

WebFOCUS Business User Edition Release Guide  
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