



What's New in Stratum 7.5

Ready to upgrade? Contact us at info@silvon.com.

Explore Your Stratum Data Model, Fine Tune Reports With New Filter Types, & Easily Capture Key Performance Indicator Trends

Silvon has enhanced the latest version of Stratum with the following functionality.

- **Stratum Glossary features** give you a broader understanding of data in Stratum reports. Look up details or explore all the report-building items that exist in your Stratum Data Model. Administrators can add custom descriptions to data that supply users with extra details, such as where your data is sourced and how it is intended to be used. [Learn More](#).
- **Attribute relationship filters** allow for dynamic filtering by attribute data. Filters can be text- or numeric-based, which allows for additional filtering refinement. For example, you can easily filter to only show Products that have “Oranges” in their Long Description and with a Current List Price greater than 50. [Learn More](#).
- **New Key Performance Indicator (KPI) properties** make it easy to add specialized performance monitoring data to views. It's simple to set up a view that counts the number of products sold in each territory or that includes KPI data such as a region's Average Monthly Sales, a store's Maximum Weekly Returns, or a product's Standard Deviation of Weekly Available Inventory. [Learn More](#).
- **Also part of Stratum 7.5** are options to link views to each other through their measure items, a setting to treat attribute relationships as either text or numbers in views, and a refreshed look to many windows. [Learn More](#).

★ Weekly UPC Review With KPI Details

View Filter: + More Info

UPC Global Number	UPC Long Description	Current & Past 4 Weeks Sales	Average Sales	Minimum Sales	Maximum Sales
0 - 02749 - 99231 - 6	Strawberries	\$18,012,606	\$3,602,521	\$2,860,967	\$6,057,019
0 - 02749 - 99267 - 6	Cherries, Bing	\$36,135,198	\$7,227,040	\$5,754,489	\$11,900,593
0 - 24000 - 12416 - 4	Lingonberries LS 106 oz BR*	\$162,204	\$22,641	\$2,005	\$54,061
0 - 24000 - 12432 - 4	Blackberries 106oz BR*				
0 - 24000 - 12438 - 4	Sw Cherries Pittd 106oz BR*				
0 - 24000 - 12477 - 4	Blueberries 106oz BR*				
0 - 24000 - 12516 - 4	Lingonberries LS 12 oz BR*				
0 - 24000 - 12532 - 4	Blackberries 12oz BR*				
0 - 24000 - 12538 - 4	Sw Cherries Pittd 12oz BR*				
0 - 24000 - 12577 - 4	Blueberries 12oz BR*				
Grand Total					

More Information ✕

UPC Global Number

The unique items sold by your company, identified by their Universal Product Code.

Value: 0 - 24000 - 12516 - 4
UPC ABC Classification: B
UPC Commodity Code: 5110
UPC Current List Price: 52
UPC Discontinue Date: ?
UPC Effective Date: 1/1/95
UPC End Product 0 or 1: ?
UPC Equivalent UM Multiplier: 24
UPC Equivalent Unit of Measure: EA
UPC Gross Weight per Std U M LB: 46 LB
UPC Height IN: 7.44 IN
UPC Lead Time in Days: 9 Days
UPC Length IN: 18.75 IN

Stratum Glossary Features

Explore comprehensive info about your Stratum Data Model via the Stratum Glossary from any Stratum view (click their Info icons to open the glossary). Also, get a full summary of each member value in a view via their glossary information windows. Use the Stratum Glossary to answer questions like:

- How is the Actual Sales Gross Margin Amount calculated in this view?
- What does Product Category Role data represent?
- Does this Forecasting data come from one of my corporate business systems, or is it supplied by users?
- What other data exists in my Stratum Data Model?

Other glossary options let administrators customize descriptions of data and can help with data validation tasks. The example below shows the glossary details about a member of the Customer Sold-To level. The example also shows glossary info about the Budget measure for the view's Budget Amount Frozen Current Month measure item.

Customer Sold-To Sales vs Budget

Customer Sold-To	SidTo Long Description	Sales Amount Current Month	Budget Amount Frozen Current Month	Achievement % Current Month	Return Amount Current Month	# of Products Sold
150100	WILDER FOODS -- EASTERN AMERIC	\$130,872,257	\$83,624,665	156.50%	(\$946,000)	1128
150110	Wilder Foods -- Western Americ	\$125,326,693	\$78,950,883	158.74%	(\$680,631)	1138
150120	Sumpter Dist'n -- Eastern Divi	\$37,39				
150130	SUMPTER DIST'N -- WESTERN DIVI	\$28,92				
150140	Midwest Providers	\$15,12				
150150	Harrington's -- Eastern	\$72,21				
150160	Harrington's -- Western	\$32,74				
150170	GOODFOODS -- EASTERN	\$35,74				
150180	GoodFoods -- Western	\$58,55				

More Information: Customer Sold-To

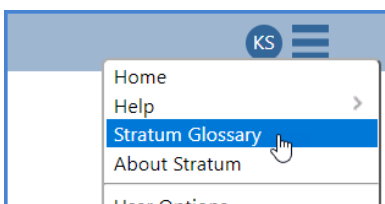
Customer with whom invoicing takes place (also known as Cus

Value: 150140
 SidTo Address Line 1: 200 West Huron
 SidTo Address Line 2: Suite 100
 SidTo Address Line 3: ?
 SidTo City: Chicago
 SidTo Contact: Kimberly Muloski
 SidTo Country: USA
 SidTo Credit Limit: 1000000
 SidTo Customer Division: 101
 SidTo Email Address: kmuloski@midwestproviders.com
 SidTo Fax Number: 312-330-4478
 SidTo First Order Date YYYYMMDD: 20000101
 SidTo Last Order Date YYYYMMDD: 2004/09/24
 SidTo Load to PPM Y or N: ?
 SidTo Long Description: Midwest Providers
 SidTo Phone Number: 312-330-4476
 SidTo Postal Code: 60612
 SidTo Primary Salesperson: ?
 SidTo Propensity To Buy: 68

Stratum Glossary: Budget Budget Amount Frozen

Update as needed from working budget amount. Reflects the budget amount in it's final, set state. Authorized user(s) are allowed to specify budget data for any time frame and level of data (i.e., only for the Western Region for fiscal year 2001) for updating from working budget to frozen budget values. Provides a forum where budgets may be viewed but data is secure from modifications.

The glossary can be opened from other spots in Stratum, such as from the main menu, when you want to browse the entire Stratum Data Model.



Attribute Relationship Filters

Create dynamic and sophisticated filtering with new features for attribute relationships. First, you can filter by any attribute relationship displayed in view. The filter will be applied each time the view is used, showing the current set of data that meet the filter criteria – for example, set up a filter to show the current set of Products that contains a certain phase in its Long Description. The view below is filtered by the Prod Long Description to show only Products that currently have the phrase “Pear” in their description.

Also, attribute relationship values that represent numerical data such as pricing or commodity codes can now be treated as numerical values. The view below treats the Prod Current List Price as a number.

Product	Prod Long Description	Prod Current List Price	Sales Amount YTD Quarters	Avg Sales Amount YTD Quarters	Max Sales Amount YTD Quarters	Med Sales Amount YTD Quarters
620A914001	Pear Hlvs LS 12 oz BR* 0A	47	\$18,239	\$9,119	\$16,639	\$9,119
620A914008	Pear Slcs LS 12 oz BR* 0A	47	\$48,451	\$16,150	\$32,882	\$13,601
620A914022	Pear 6oz LnchPk LS 0A	95	\$36,842	\$36,842	\$36,842	\$36,842
620A924001	Pear Hlvs LS 12oz PL* 0A					
620A954001	Pear Hlvs LS 106 oz BR* 0A					
620A974001	Pear Hlvs LS 106oz PL* 0A					
620B914001	Pear Hlvs LS 12 oz BR* 0B					
620B914008	Pear Slcs LS 12 oz BR* 0B					
620B914022	Pear 6oz LnchPk LS 0B					
620B924001	Pear Hlvs LS 12oz PL* 0B					
620B954001	Pear Hlvs LS 106 oz BR* 0B					
620B974001	Pear Hlvs LS 106oz PL* 0B					
620C914001	Pear Hlvs LS 12 oz BR* 0C					
620C914008	Pear Slcs LS 12 oz BR* 0C					
620C914022	Pear 6oz LnchPk LS 0C	95	\$40,527	\$40,527	\$40,527	\$40,527
620C924001	Pear Hlvs LS 12oz PL* 0C	40	\$49,071	\$24,536	\$27,358	\$24,536
620C954001	Pear Hlvs LS 106 oz BR* 0C	81	\$32,134	\$10,711	\$20,146	\$10,141

Attribute Relationship Filter: Prod Long Description ✕

Operator: Contains Value: pear

- Contains
- Does not contain
- Starts with
- Does not start with
- Equal to
- Not equal to
- Greater than
- Greater than or equal to
- Less than
- Less than or equal to

Cancel

Administrators have Dimension maintenance options to control the default Text vs. Number settings for all attribute relationships in a Stratum environment. Administrator settings can be overridden in views to customize attribute relationship treatment for your views.

Properties - Prod Current List Price ✕

Name: Prod Current List Price

Caption Expression: [Name] ...

Data Type: Number ▼

Filter: Greater than ▼ 50

Sort: None ▼

Visible: Yes ▼

Fill Color: ...

Stratum Key Performance Indicator (KPI) Enhancements

Two new features contribute to the ease of setting up specialized calculations in Stratum. They are the Stratum function “Count Members” and a KPI property for measure items with time ranges.

Stratum Count Function

This function is part of the Stratum set of functions that guide you in setting up frequently used, specialized calculations. A few clicks to pick the function then pick the relevant level (Product in this example) and measure item data (Sales Amount Current Month) to be counted are all it takes to calculate the number of products sold by region, territory, or customer class, and more. The calculation marked below uses the Stratum Count function to show you the number of Products sold in each Ship-To Territory for the current month.

Ship-To Territory	STerr Long Description	Sales Amount Current Month	Budget Amount Frozen Current Month	# of Products Sold
1100	Southwest	\$44,669,677	\$30,781,250	856
1101	South Central	\$115,551,545	\$74,161,744	1163
1102	Gulf Coast	\$44,072,940	\$29,209,426	1091
1103	Midlantic	\$61,137,326	\$40,294,393	1318
1104	New England	\$138,546,432	\$85,637,285	1527
1105	Great Lakes	\$16,882,232	\$12,686,431	424
1106	Great Plains	\$67,416,307	\$40,925,772	1352
1107	Northwest	\$43,935,095	\$25,857,511	783
1108	Western Provinces	\$52,932,086	\$32,673,935	1176
1109	Central Provinces	\$54,621,157	\$35,778,614	845
1111	Eastern Atlantic Provinces	\$88,766,755	\$57,621,826	1497

Property For KPI Value Setup

The new setting available for measure items with time ranges has multiple options dedicated to returning KPI values such as Min, Max, Variance, and Std Deviation. Monitor important business conditions for a given period of time to keep track of what’s happening with production, inventory, returns, and other key sales and operations conditions.

Product	Prod Long Description	Prod Current List Price	Sales Amount YTD Quarters	Avg Sales Amount YTD Quarters	Max Sales Amount YTD Quarters	Med Sales Amount YTD Quarters
620A914001	Pear Hlvs LS 12 oz BR* 0A	47	\$18,239	\$9,119	\$16,639	\$9,119
620A914008	Pear Slcs LS 12 oz BR* 0A	47	\$48,451	\$16,150	\$32,882	\$13,601
620A914022	Pear 6oz LnchPk LS 0A	95	\$36,842	\$36,842	\$36,842	\$36,842
620A924001						\$22,305
620A954001						\$9,219
620A974001						\$13,058
620B914001						\$18,239
620B914008						\$27,201
620B914022						\$73,685
620B924001						\$44,610
620B954001						\$18,438

Edit - Med Sales Amount YTD Quarters

General

Caption Expression: Med Sales Amount YTD Quarters

Format: "\$A"###,###

Fill Color: [Color Picker]

Measure and Time Range

Measure: Actual Sales Sales Amount

Time Unit: Quarters

From Year: Current Year

Period: First Quarter

Offset: 0

To Year: Current Year

Period: Current Quarter

Offset: 0

Display Value As: **Med**

- Sum
- Min
- Max
- Avg
- Med**
- StdDev
- Variance

OK Exit Help

Other Enhancements In Stratum 7.5

A few other changes and updates for Stratum are listed below.

More Drilldown View Linking Options

Measure items in a view can be launch pads to run different views directly from the current view. The drilled-to-view that opens for a measure item will be filtered to return data applicable to the level/measure data you drilled from in the original view.

The first measure item in the example below links to a view comparing weekly Actual Sales Amount data by Division. The second measure item links to a Delivery Performance view that analyzes Daily Sales Units data.

★ Daily Regional Sales by UPC

View Filter: + More Info

▲ UPC Global Number	UPC Commodity Code	▼ UPC Current List Price	Daily Sales Amount	Daily Sales Units	Avg Daily Sales Units
			Jan 20 to Sep 20	Jan 20 to Sep 20	Jan 20 to Sep 20
Asparagus	2450	81	\$434,770	15,984	1,776
Cherries_Bing	3140	88	\$448,064	17,271	1,919
Frozen Lasagna Dinner	6580	109	\$794,567	23,888	2,654
Meatloaf_Frozen	6530	107	\$1,111,433	4,209	468
Escaloped Apples 106 oz BR*	5110	81	\$3,511	128	14
Lingonberries LS 106 oz BR*	5110	94	\$17,053	676	75
Pnappl Slcs 106 oz BR*	5110	83	\$37,095	1,467	163
Pear Hlvs LS 106 oz BR*	5512	94	\$30,954	1,111	3
Blackberries 106oz BR*	5512	83	\$830	27	3
Pnappl Bites 106oz BR*	5512	101	\$75,240	2,385	265

Click here to see Division Sales Amount Comparison TY vs LY by Week data for this row

Click here to see Daily Sales Units and Delivery Performance data for this row

User Interface Refresh For Many Windows

Secondary windows launched from views and other spots in Stratum were given a simple refresh to enhance their visual appeal. Here's an example of a refreshed window.

User Options ✕

View Pane

Active Tab On Startup All ▼

Automatically Close After Run A View

General

Show Navigation Panel When A View Opens

Show View Explorer When A View Opens

Override Planning Update Format 1234.10 ...

Override View Page Size

Rows: Columns:

SQL Server 2022 Support

Version 7.5 of Stratum is compatible with Windows Server and SQL Server 2022.

Recap Of Stratum 7.X Releases

Version	New & Updated Features
7.5 Q2 2023	<p>New In Stratum – Stratum Glossary features show you more details about your Stratum Data Model. Administrators can add custom descriptions for items in the data model that help users get to know the data. The Stratum Count function (part of the Stratum Functions) makes it simple to calculate counts of items in a view. Options for adding KPI data to views such as Minimum, Maximum, Average, Median, Standard Deviation, and Variance are now available. Filter options added for a view’s attribute relationships, which can be treated as either text or numbers. Individual measure items can have drilldown views attached to them. The look of many Stratum windows got a design refresh. Support added for Stratum 7.5 with Windows Server & SQL Server 2022.</p>
7.4 June 2022	<p>What’s New PDF – New charting widget features were added to Stratum Dashboards. Hosted Stratum implementations were integrated with Microsoft Identity and Azure Active Directory identify services, allowing for single sign-on across apps and other security benefits. Stratum Access Hub (Broadcast Manager) was updated with email notifications for admins to keep them informed about action, broadcast group, and broadcast schedule processing.</p>
7.3.1 Oct 2021 & 7.3 June 2021	<p>What’s New PDF – Stratum View Pane with tabs to browse to Favorites, Recents, or All views. Search field in top panel to search all Stratum views. “Run In A New Tab” option to opens views from search results in new tabs while search results remain visible. A StratumView.aspx page for easier 3rd party Stratum view access. Filtering options for Stratum Dashboards URL’s to create tailored home pages for users and a Save As shortcut to create new dashboards. A central menu in Stratum’s top panel to access all help, admin tools, and specialty features. Updates to Application window that control the look of the Stratum View Pane and group together properties for the Stratum Analyst Hub and Access Hub. Preview feature for the Select Format window to check selections before applying them to view. New Connectors – Stratum Excel Connector Add-In to get data into/out of the Stratum Data Hub to/from Excel (Watch Video). And the “Go To Stratum” Power BI extension that links reports in Power BI directly to more detailed data in Stratum Views.</p>
7.2 Dec. 2020	<p>What’s New PDF – Master Data Augmentation and User Controlled Attribute functionality to supplement existing core Stratum data. New grid formatting options to enhance the style of reports. Administrators can control attribute availability in views and which display by default when their levels get used in views. Level filtering has a, Include/Exclude choice (include only the designated members or see all members except designated ones. Shortcuts to edit captions, format string, and fill color when editing measure items from the Measures window. Streamlined step for copying view URL’s to share.</p>
7.1.2 Aug 2020	<p>What’s New PDF – More tools to control and access Stratum data. See below. Shortcuts for setting up calculated measure item captions, options to control detail for emailed views and Excel exports and the order of views attached to Actions, and ability to track who is actively using Stratum. More icon choices for Conditional Formats and custom logos to help distinguish between multiple Stratum environments.</p> <p>Data Import – Bring budgets, market trends, plans, and other outside data that compliments enterprise data into the Stratum Data Hub from user-curated Excel spreadsheets. Immediately see imported data in Stratum for centralized analysis with the rest of your business data. Watch Video.</p> <p>StratumLink – A web-based ETL for Stratum power users to pull high volumes of additional core business data into the hub from complex data sources (ERP, CRM, custom databases, IoT systems, cloud sources). See newly loaded data shows in context with other enterprise data. Watch Video.</p> <p>Stratum Dashboards – All-in-one resources for highlighting complimentary Stratum reports, charts, and outside content. Leverage existing content in new ways to give broader insights into business performance. Drill to other reports or link to other resources from items in a dashboard. Learn More.</p> <p>Stratum Power BI Connector – A bridge between Microsoft Power BI and your Stratum data. Stratum Power BI Connector provides Stratum Data Hub access to your Power BI Users while capitalizing on your existing Stratum reports and the hub’s security model. Learn More.</p>