What’s New
in Salient Interactive Miner™/UXT®

SIM & Administrator’s Utility Version 7.01/
Server & Acquire Version 6.0+
Limited warranty

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What's New in SIM/UXT

Salient Management Company is dedicated to helping our clients improve their performance and efficiency through better and faster access to actionable intelligence. We continuously strive to improve our revolutionary suite of solutions in order to make your organization and its individuals more productive.

Version 7.01

Find information faster

You can now search for bookmarks, storyboards, and macros, to quickly find the information you want. To search, open the management dialog, enter some or all of the name, and then click the search button. Advanced options let you choose exactly what and how to search: limit the search by category or location; search from the top or current; match case, and other options. For bookmarks and storyboards, the search is located at the bottom of the Manage Bookmarks and Storyboards dialog. For macros, the search is in the Manage Macros area.
Better control over automated reporting

Macros include a new option to create separate files when outputting results "for each" member. When this option is on, each file includes results for a member; the file name includes either the member description or number/code. This feature is available at the key list or dimension level. For example, create a set of reports showing sales by channel for each region or a package listing for each customer. The resulting files can be saved or emailed depending on your preferences.

Compare any single time period to average performance

You can add average per period and variance columns when comparing a single date to a multiple-date range; therefore, you can compare a specific time period to average performance (e.g., monthly or weekly averages). This enhancement allows you to see how much better or worse any area of the organization is doing than usual. These calculations are available in Comparative and P&L analyses.
Improved change management

Collections, bookmarks, and other user data are preserved in the event of a change in host code length. If this type of change occurs, then SIM uses the same logic as Acquire to truncate or lengthen the host codes, so that the user data matches the host codes on the server. For example, if customer codes increase in size, then any collections, bookmarks, etc., that use the previous codes will be padded to match the codes on the server and, therefore, will still be valid. If duplicates are encountered, they will be removed from the user data component.

Simplified Trellis graphs

The date labels in Trellis graphs are now turned off by default to simplify the view and fit more data on the screen. This enhancement can also improve the appearance of print-outs. If you wish, you can turn the labels back on using a new option in the tools menu.
Streamlined options for managing filters

The filters tab provides comprehensive options for viewing and applying filters, including the ability to select a single dimension member (e.g., region, brand, sales rep, etc.). No collection is required. The filters tab (under context or macros) shows these types of filters in brackets to provide a more complete snapshot of where you are in the data.

To turn on a filter for a single dimension member, just select the dimension (i.e., attribute) and then click the Number button, just like you would for single key member. The next dialog lets you select a single member, pick and choose multiple members, change members, or turn the filter off. (A temporary collection is created if you choose multiple members.) The same flexible options, including search capabilities, "exclude" others, and reset to all, are available for filters created using this new method.

1. Select attribute.

2. Click on "Number."

3. Pick and choose members.
Administrator's Utility enhancement

The Administrator's Utility now shows the date that the Server/Metaserver license will expire. To access this information, go to Server Management and look in the Server Information section.

Near-real-time data updates

This version includes the ability to perform "near-real-time" data updates without disconnecting users from SIM and Salient Dashboards. This capability was previously available as a BETA feature but is more robust in this version. Data updates can happen during the day or any other time with minimal interruptions to users, therefore, providing users with the most current information available. During the data update, a message notifies users that the server has gone into "suspended state" and an indicator displays at the bottom of the SIM screen. Users can continue to view the data that has already been requested and perform tasks that do not require new requests for data, such as highlighting and scrolling (limited in key lists). When the update is finished, users have access to the latest data and can resume normal operations.

Data updates that are performed while users are connected should be limited to incremental data updates of a manageable size. Dataset schema changes and data removal are not supported while the Server is running. These types of updates should be performed when users are not connected, such as during a nightly update. In addition, near-real-time updates are not recommended in a Metaserver environment.

If you wish to perform near-real-time data updates, contact Salient Support for information on setting up this feature. The UXT Server Version 6.00 SP3 or higher is required.
Version 7.0

Look and feel

The SIM screen has been updated to include modern, intuitive controls, including a ribbon control and context panel, which provide easy access to SIM's data selection and analysis capabilities.

Tip: You can optionally minimize the context panel or ribbon control to increase the screen space available for analysis data.
Streamlined access to context options

The new context panel is a comprehensive access point for customizing nearly any aspect of an analysis. Just click on the analysis window and use the panel to change the By, select the dates, filter, select data fields, and more.

1. Click analysis window.
2. Click desired area of context panel.
Themes

New themes let you change the color scheme to with the click of the button. This may reduce eye strain for some users.
What's New in SIM/UXT

Simplified analysis toolbar and path

The toolbar (previously called the context bar) at the top of each analysis window is simplified to save screen space and provide important data selection tools.

As in previous versions, you can view and change the current drill path using this toolbar. A filter button in this version shows if any additional filters are applied and lets you change those filters.
Contextual shortcuts for faster access to details

A new pop-up toolbar makes it easier to interact with the data by drilling, listing, checking members, and much more, for any item in the view. Click on any row in a table or item in a graph (bar, line, point, etc.) to open the shortcut bar. Then, click on any of the available actions to dig deeper. For example, drill down, list out customers, and much more.

Comparative table

<table>
<thead>
<tr>
<th></th>
<th>Drill</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>12Pck Cn</td>
<td>5,217</td>
<td>18.1</td>
</tr>
<tr>
<td>15PNR8</td>
<td>2,923</td>
<td>-10.29</td>
</tr>
<tr>
<td>6Pck Cn</td>
<td>4,337,715</td>
<td>6.67</td>
</tr>
<tr>
<td>16 Oz ND</td>
<td>4,753,872</td>
<td>0</td>
</tr>
</tbody>
</table>

Comparative graph

See it more ways at once

The Heatmap is a new graph type showing a matrix of two attributes (1st By and 2nd By) with the color representing intensity of data. This graph is a format of the Crosstab analysis. For example, spot the best-selling packages for each channel.
Enhanced user logging

This version allows administrators to view usage statistics in server logs to gain insights into what tasks users are performing in SIM and the Administrator's Utility. Each time a user makes a request, information is sent to the server to be included in enhanced log files. Examples of user actions reported by SIM include bookmark usage, data exports, collection usage, etc. With some additional setup, enhanced logs can include information about the contents of collections at the time they are used. The Administrator's Utility reports user group management, user group assignments, user group creation and deletion, etc.

Version 6.20

Highlighting enhancements

You can independently highlight values, percent change, and difference for a data field. The highlighting only applies to the selected column (This & Last, Diff, or % Chg) rather than affecting all columns for the data field. This new capability makes it possible to apply multiple highlight settings for a data field and, therefore, spot additional situations where attention may be needed. For example, where is average volume per stop lower than expected and decreasing further?

<table>
<thead>
<tr>
<th></th>
<th>This</th>
<th>Last</th>
<th>Diff</th>
<th>% Chg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keller, Brad</td>
<td>11,730</td>
<td>9,842</td>
<td>1,888</td>
<td>19.18</td>
</tr>
<tr>
<td>Markey, Ciro</td>
<td>18,594</td>
<td>17,118</td>
<td>1,476</td>
<td>8.62</td>
</tr>
<tr>
<td>Morris, Dutch</td>
<td>9,591</td>
<td>8,097</td>
<td>1,494</td>
<td>18.45</td>
</tr>
<tr>
<td>Office Accounts</td>
<td>1,182</td>
<td>1,514</td>
<td>-332</td>
<td>-21.93</td>
</tr>
<tr>
<td>Office-Ferkel</td>
<td>8,229</td>
<td>9,627</td>
<td>-1,398</td>
<td>-14.52</td>
</tr>
<tr>
<td>Office-Haudenschild</td>
<td>2,196</td>
<td>2,694</td>
<td>-498</td>
<td>-18.49</td>
</tr>
</tbody>
</table>
**Multi Comparative week-ending option**

A new option in Multi Comparative data setup lets you control the week ending day for columns that display weekly data. You can select a specific day-of-the-week, in which case the date range will include the full week ending on the selected day-of-the-week that falls on or immediately prior to the date selected by the user. If you prefer, you can select the “default” week ending day to allow the day-of-the-week to be determined by the date that the user selects when viewing the Multi Comparative.

| Format: | Data |
| Resolution Type: | Weeks |
| Number of: | 1 |
| Week Ending: | Sunday |
| Time: | This |
| Prior Type: | Days |
| Number of: | 1 |
| VS: | Last |

<table>
<thead>
<tr>
<th>1 Day This</th>
<th>1 Week (Sun) This</th>
<th>1 Month This</th>
<th>1 Period &lt;Four13&gt; This</th>
<th>Year to Date This</th>
</tr>
</thead>
<tbody>
<tr>
<td>353</td>
<td>826</td>
<td>2,019</td>
<td>2,019</td>
<td>2,019</td>
</tr>
<tr>
<td>345</td>
<td>759</td>
<td>2,721</td>
<td>2,721</td>
<td>2,721</td>
</tr>
<tr>
<td>297</td>
<td>190</td>
<td>2,774</td>
<td>2,774</td>
<td>2,774</td>
</tr>
<tr>
<td>213</td>
<td>576</td>
<td>2,095</td>
<td>2,095</td>
<td>2,095</td>
</tr>
<tr>
<td>201</td>
<td>447</td>
<td>2,001</td>
<td>2,001</td>
<td>2,001</td>
</tr>
</tbody>
</table>

**Access to most-recently-used storyboards and macros**

You can easily access your most-recently-used storyboards and macros via drop-down menus.

**Fully-customized data access (conditional password collections)**

By applying conditions to password collections, administrators can now allow visibility into summary views across the organization while selectively restricting access to details by user. (In previous versions, password collections completely restricted access in all views.) For example, sales representatives might have access to company-wide sales by sales rep, region, manager, etc., without the ability to see other representatives' customers or other details.
Near-real-time data (BETA)

The ability to update data while users are connected (i.e., near-real-time updates) was released as a BETA feature in this version.

Other enhancements for administrators

- The Service Control utility allows you to enter a "From address" to use for email alerts and allows you to validate that email address.
- The Service Control utility has a new option to send an email when there are warnings during Server initialization.
- A new option in the SERVER.INI/META.INI allows you to generate a text file containing the definitions for all custom user groups, so that you can easily copy those user groups to another Server or Metaserver.
- In the SERVER.INI/META.INI, you can specify a locale for each language defined (optional). For languages that do not have upper-case/lower-case or have character differences between locales, you may want to specify the local to ensure that the search feature in SIM works correctly. This option is also useful if a defined language does not exist on the operating system; you can use the locale to assign that language to one that is recognized by the operating system.
- The SERVER.INI and META.INI can contain settings that cause packets of information sent between the Server, Metaserver, API, SIM, and/or Administrator's Utility to be encrypted.
Enhanced search

You can now perform an enhanced search to find all members that meet the search criteria. After you enter part or all of the name, code, or description, SIM automatically finds all of the members that contain those characters. Several search options are available, such as match case, search from top, begins with, and more. In the resulting list, you can choose any member to focus on it, or check multiple members to use them as a filter (i.e., remove data for all other members). The search method from previous versions, which finds the "next" member, is still available.

You can also use the enhanced search to find the desired members when creating collections, changing the focus, downleveling, and adding filters by entering search criteria in the corresponding dialogs.
Export security

- You can export data in encrypted Excel format to ensure its security by requiring a password to open the file. This new option is available when exporting (Save As) or emailing (Send) in SIM.

- To enhance data security, export options may be limited by user account.

Ease-of-use enhancements

- A new macro option lets you add the date to the file name when saving or emailing results, therefore, creating unique file names so that results are not overwritten when the macro runs on a regular basis.

- You can turn off the message that notifies you when the focus is changing because the current focus item was removed. When this message is on, it may appear when you add a filter, change the timeframe, or change the context in other ways.
• You can make changes to an undefined (i.e., unsaved) data setup, such as adding or removing columns, via the Select Data Types dialog without having to save your changes in a named setup. The changes are automatically applied to the current view. This dialog allows you to make nearly any change to the data setup, including adding data fields for either or both timeframes, adding budgets, removing measures, adding difference/percent change, rearranging columns, and more; therefore, this enhancement may be beneficial when you want to make several changes to the current view without saving a new setup.

• Comparative Dimension Member graphs include new options for choosing the Mix data field, which shows each member's percent of the total in an extra column or row. New options include:
  - Insert lets you select any additive data field, so that options are no longer limited to data fields in the current view. If you "insert" a mix data field, SIM adds it to the corresponding table.
  - [None selected] lets you turn off the mix data field, therefore, removing the mix row or column from the graph.
Administrator enhancements

- In the Administrator's Utility, the search functionality has been improved to allow you to find all members that meet the search criteria.
- New options enhance data security by allowing administrators to control the available export capabilities for users via user group privileges. The new user group privileges include the following: full export capabilities (including print, email, save as, copy to clipboard, etc.), no export capabilities, or only encrypted export capabilities.
- Conversion table decimal precision is now 17 positions to the right of the decimal.

Version 6.0

Improved data selection

- A new option makes it easier to change or add data in Comparative Time Series graphs. Previously, you could only select from the data fields marked for graphs in the corresponding table. Now, you can add any available data field using a new insert option.
- In graphs that include multiple axes (Normal Trend and Comparative Dimension Members actual value), a new option allows a single data field to be plotted on a separate axis instead of with its data field "family" or type. This can help separate out a field that has much higher or lower values than other fields in its family. For example, by graphing recovery money on its own axis, fluctuations are easy to see even though values are small relative to other currency data fields.
Enhanced language compatibility

SIM can now show additional areas of the dataset in the appropriate dataset language. As in previous versions, you can select the dataset language in Data Format Preferences. The language selection now controls the following in addition to the key member descriptions and dimension member descriptions. (Only languages that have been set up for the dataset are available.)

- The labels used for the names of equivalent tables, calendar tables, currency tables, weighted day tables, and business day tables can be language-specific.
- The labels used for the names of period tables as well as the period table qualifiers and individual period descriptions can be language-specific.
- A new option in the Support dialog allows you to select the language to use in the configuration report.

Macro enhancements

- When emailing results via a macro, you can set the macro up to attach a .UXT file that "bookmarks" the results in addition to attaching or embedding the selected output type.
- The process for adding difference/percent change columns to an Exception macro is easier than previous versions. When editing an Exception macro, click the **Analysis Dialog** button to open the Exception Setup dialog. This dialog now has a setup button, which opens a column setup area where you can add difference and percent change or remove columns. You can then save the changes to the macro.
New graph options

- You can optionally hide the "All Others" category in Share Trend stacked area and stacked bar graphs. Previously, this option was only available in the line and side-by-side graph formats. By hiding the "All Others" category, you can view the performance of less significant members without the "All Others" category monopolizing the graph.

- You can graph the difference between two time periods using a Comparative Dimension Members Actual Value graph. The new "Diff" option is accessed via the tools pop-up menu.

- The "Diff" graph option is also available in Comparative Time Series line and bar/line graphs to show which dates had the most significant changes since the previous time period.
Crosstab graphs

Some types of crosstab graphs are more logically organized—by the 1st By dimension and then by the 2nd By dimension. For example, the stacked bar graph now shows each 1st By member as a bar, and then breaks down each bar by the 2nd by dimension. This change affects the following types of graphs: side-by-side bar graph, stacked bar graph, and cube graph.

Highlight settings

- You can now save and reuse multiple sets of highlight settings. For example, you might use a set of highlight settings to spot customers who are up or down in sales volume, and other highlight settings to identify products with unusual values for units and net price.
• Global highlight settings are available to facilitate sharing of commonly-used highlight settings.

• You can easily switch between saved highlight settings using a drop-down menu. A new display preference controls how many items to show in this menu.

• The Manage Highlight Settings dialog lets you create, edit, turn on, import/export highlight settings, and more. You can store highlight settings in folders for easy access.

• Bookmarks and macros store highlight settings.

• You can quickly apply highlighting to any single data field in the current view.

• Darker shading is now available for highlighting. In display preferences, you can choose whether you want to use the darker colors or the original pale highlighting colors.

• New highlighting styles are available. You can highlight the entire cell like in previous versions or display a variety of symbols beside the highlighted values. For example, you can use arrows, circles, triangles, and more.
Output enhancements

- A preference setting lets you optionally add date range details to the headers of exported files and print-outs. The date range details include the complete start and end dates for the date range (or both date ranges in YAG and advanced comparison views).

![Excel screenshot](image1)

- A preference setting lets you optionally add the file creation dates to the headers of exported files.

![Excel screenshot](image2)

- The output preferences and the CSV/Excel export preferences available in previous versions are now located in a new "Output" tab in the Preferences dialog.

Ease-of-use and appearance

- You can now turn on a collection by title (i.e., Show by Title) even if the current view is not grouped by the matching dimension. In this case, the view does not list out the selected collection(s) until you group the data by the corresponding dimension.

- SIM automatically saves user data in temporary files and automatically recovers the data from those files if the server connection is lost and the user data location is the server. Previously, in this situation, SIM would prompt you to save the temporary files and then prompt you to recover from these files the next time you logged in. Now, data recovery is automatic in most situations.

- The Exception analysis setup dialog has a new button 🥷 that opens a column setup area, where you can add difference and percent change or remove columns.
• New buttons make it easier to modify the "Default" setup, which is the default set of data fields shown when no setup is selected. You can access these options in general preferences.

• You can use any applicable key description or the key code as the unique identifier (i.e., key property) in key lists or key graphs. The selected property appears as the first column in key lists and beside each bar, pie slice, etc., in graphs.

• A new option allows bookmarks, supermarks, storyboards, and macros to reset the focus when they are opened. This option, "Ignore Focus," is especially useful when saving a bookmark, storyboard, etc., that compares members for the "Most Recent" or "Most Recent Complete" time period; otherwise, the view may automatically scroll to the remembered focus rather than showing the beginning of the list. In time-series views or other views that filter out data based on the focus member, this option is cleared by default so that the bookmark, storyboard, etc., retains the filter.

• You can add a filter for any valid dimension without drilling or modifying the drill path. Simply select the dimension and then select one or more members from a dialog. (If you select multiple members, SIM creates a temporary collection.)

• Logical keys are now located underneath the actual keys in menus rather than at the same level for improved organization of long lists of dimensions. As in previous versions, administrators can create these logical keys to group related attributes such as geographic location (state, county, city, etc.), sales responsibility, and more.
What’s New in SIM/UXT

Geo enhancements
Geo maps now draw points in order from least to greatest values so that the markers shown at the bottom of the legend are on top. This allows you to easily spot outliers in many types of maps. As in previous versions, you can bring any category of points to the foreground by clicking in the legend and selecting from the menu.

SIM system requirements
The operating system requirements have changed since the previous version; SIM now requires a 64-bit operating system. Refer to the “Salient UXT System Administrator’s Guide” for more information.

ETL enhancements
Version 6.0 makes database management workflows faster, easier, and more efficient by removing many manual processes that were previously required. Instead of requiring various text and .ini files to make changes to the UXT Database, Salient ETL now supports these tasks.

Salient ETL has been upgraded to improve overall flow of designing, mapping, and automation of the data interface, as well as integration with the UXT database. You can now modify the database directly in Salient ET. This allows you to see the changes you’ve made to your data model before you apply them.

Database & server enhancements

Load performance
The Salient UXT Database now makes better use of resources while running the load process, resulting in much faster load performance.

- Files in excess of 2GB can now be loaded simultaneously.
- Individual data fields can now contain numbers up to eight bytes (increased from four bytes), which prevents having to separate extremely large numbers into multiple fields.
• When loading data, you can load/remove data across multiple sessions without running the indexing process until the last step. This can significantly improve overall load performance in complex ETL environments.

Parallel loading
This capability minimizes downtime of the UXT database by allowing you to stage data while users are still connected. Once the data is ready to go live, users must still disconnect, but this has reduced required downtime to a matter of seconds.

Display labels
All elements of the system have a display label, therefore, removing all previous restrictions on naming conventions. For example, spaces before weren’t allowed in cube names. In Version 6.0, every dataset component can have a label that removes restrictions on naming conventions. This capability helps support multilingual user bases that are accessing one enterprise system.

Change management
Administrators now have the ability make changes to the dataset—such as increasing field lengths, or adding or removing keys in a cube—without reloading or affecting existing bookmarks and dashboards. It is no longer necessary to delete data, specify schema changes, and reload data. Datasets can now also be reloaded from scratch without risk of losing bookmarks and dashboards.

• Components can be renamed, modified, deleted or reordered using the standardized syntax.
• Adding, modifying and/or removing components may be specified by indicating the changes only or by reapplying the entire section(s).
• String justification and length may be changed in place.
• Justification options (i.e. code formats) are now available for dimensions.
• Data fields may be renamed, modified (including length) or removed.
• Conversion tables may be removed.
• Periods may be modified and removed.
• It is no longer necessary to delete data, specify schema changes, and reload data.
• Schema changes are applied throughout the Storage and all affected Server files are updated.

Partial loading
Version 6.0 removes the need to pre-join disparate data. Now you can more easily load data from two or more sources into the same key or cube by providing an identifier to match on. For example, if you have a customer master with dimensions sourced from your route accounting system and dimensions sourced from your CRM system, you can now load them separately without needing to join them outside of the system. The legacy system required bringing in relevant pieces of data together in one table before loading into UXT. The original process is supported in 6.0, but for new implementations it is no longer needed.
Record updating
Change anything on record in bulk. For example, change the sales rep for all records that match a specified filter set, or update a data field by invoice number.

User group management
All user group management is now controlled in the Salient UXT Administrator's Utility (SAU). This capability removes the requirement for the user group file as well as running the Acquire process to make changes to user groups. If you are modifying restrictions on a user group, you no longer have to wait for the system to run its Acquire process to see the changes take effect in the end user interfaces.

Acquire user interface
- Version 6.0 accepts and processes all legacy command line options.
- All commands use a forward slash (/); the dash (-) is not acceptable unless it is used in a legacy command.
- Apply Host (/AH) and Build Server (/BS) are separate operations that may be specified together or separately (i.e. on the same command line).
- The functionality of Pull Masters utility and the Pull Data Utility (i.e., Pull Sales) has been developed within Acquire so that separate utilities are no longer necessary.
- Output to console is reduced to major events only (those that are included in the Event Log).
- Options that control the handling of data records may be specified:
  - in the configuration file (Acquire.ini) to be applied globally to all records
  - in the Schema Master to be applied to records for specific Data Cubes
  - in the command line to be applied during that session only
  - in DATA files to be applied while processing the associated section only

Performance
- The Server can continue to execute while Acquire is applying new host files and/or building new Server files.
- Compressed key masters - Previously each DIM occupied 4 bytes (uint32). The 6.0 server key master uses 1, 2, 3 or 4 bytes as required by the DIM membership. This significantly reduces the size of key master files.

Problem solving
- The granularity of trace information is controlled externally.
- Host files (including internal ID assignments) can be generated from the Storage for any or all file types at any time (useful for "reshooting" the system).
- Changes to Storage can be committed when all host files process without error, committed as each file is processed successfully, held for later committal, or not committed at all (just process the files and report if successful).
Reports
Report files can be created from the Storage, Precalc and Server groups for any or all file types.

Error handling
- When possible, records with errors are written to host files of the proper file type in the Rejected folder for correction and reapplication (reducing the time needed to locate and fix errors).
- By default, all host files and as much of each host file as possible are processed before exiting due to errors (reducing the number of apply-fix-reapply cycles); however, one can opt to stop processing immediately or when the current file (with the error) has been completely processed.
- A limit is placed on the logging of duplicate error messages while processing each host file
- Changes to the Storage are not committed unless they are complete
- Whenever possible, error messages identify the host file and line containing the error
- Where appropriate, an additional error string indicates the element type and the actual name of the element associated with the error

Multiple languages
- There is now full support for multiple languages
- Internal names are separated from displayed names
- By default, internal names are displayed by SIM; however, all displayed strings may be specified (by language) in Language Master files

New features for non-transactional data
- Non-transactional data records no longer must be presorted before applying the host file.
- End dates are now optional.
- Version 6.0 can properly maintain open records when presented with a list of currently open records (omitted records are automatically closed) (AUTO_CLOSE not supported in initial release.).

Host files
- Version 6.0 is able to process all legacy host files
- Version 6.0 supports both fixed length and delimited records
- All 6.0 host files use a common syntax
- Master File, Data Field Master and Data Cube Master files have been combined into a single Schema Master file type
- A given file type may be specified in one or several files
- All strings that are displayed by the client may now be specified in various languages
- Version 6.0 host files use the [START_BLOCK]/[END_BLOCK] format instead of NUM_* =.
- A given Key definition may be used more than once in a data cube
Dimensions are defined apart from the keys and may be shared across keys, as well as directly in Data Cubes, eliminating the need for linked dimensions.

Change management

- It is no longer necessary to delete data, specify schema changes, and reload data.
- Components may be renamed, modified, deleted and/or reordered using the standardized syntax.
- Adding, modifying and/or removing components may be specified by indicating the changes only or, alternatively, by reapplying the entire section(s).
- String justifications and lengths may be changed (shortening strings causes truncation).
- Qualifiers are now available for Dim Descriptions (e.g., string justification).
- Data fields may be renamed, modified (inc. length) or removed.
- Conversion Tables may be removed.
- Periods may be modified and removed.
- Schema changes are applied throughout the Storage during the Apply Host (/AH) operation and all affected Server files are updated during the next Build Server (/BS) operation.

Administrator's Utility ease-of-use enhancements

- Password collection management
  - This version includes improvements in the Password Collections dialog that allow you to view password collections in a tree organized by key/dimension and use filters to more easily find password collections. In addition, a new Report option allows you to create a report of the defined password collections and the users assigned to them.
  - When editing or adding user accounts in the Administrator's Utility, the dialog provides a password collection tree to make it easier to select from the available password collections.
- User management - You can select which columns to show in the user and template dialogs.

For more information

To see instructions for using new features, refer to the SIM help or user manual provided with the release. Some features may require additional licensing.