



## SLIM-Suite 9.0e Release Notes

### SLIM-Estimate

- Bug Fix      In “extreme” cases, the Design to Peak Staff solution method was producing incorrect/unreasonable solutions. This generally happened in cases where the PI was doubled or reduced by half and the peak staff was held constant.
- Bug Fix      Corrected problem with bar chart bar labels did not match corresponding solution comparison bar labels.

### SLIM-Control

- Bug Fix      Fixed problem where, if the user converted a forecast to a plan and then changed the code curve shape, plan data was discarded.
- Bug Fix      Fixed timing issue that caused corruption of chart/report definitions when the user inserted a new chart or report, then cycled between the View Layout and Layout tabs before OK-ing.
- Bug Fix      Corrected problem with extremely long (over 255-character) view notes getting scrambled and impertinently refusing to be deleted.

### SLIM-DataManager

- Bug Fix      Corrected problem with upgrading very old (pre-7.1) SLIM-DataManager files in which projects with inactive phases were not correctly initialized or displayed a “no current record” message.



## SLIM-Suite 9.0d Release Notes

### SLIM-Estimate

Bug Fix        The list of metrics available for selection on the sensitivity chart dependent metric tab contained no metrics.

Bug Fix        When basing an estimate on a SLIM-DataManager record with a mixed application type, the new project did not capture the application mix.

### SLIM-Metrics

Enhancement    Enhanced query logic to better handle situations where the dataset definition repeatedly queried the same database table AND that database table contained multiple metric values for a single project. This enhancement also fixed a situation where AND-ing these metrics returned the wrong number of records.

Enhancement    Active datasets status message now shows dataset names as they are loaded.

### SLIM-DataManager

Bug Fix        Fixed issue with the Project Detail report display of user defined variables (UDV). When upgrading older DataManager files to version 9.0, user defined variables with invalid formulas are deleted from the database. In some cases, this prevented the first item in the UDV list from being displayed.

Enhancement    The DataManager sorting algorithm was enhanced to improve performance when sorting large databases.

### Multiple Tools

Bug Fix        Fixed issue where chart objects with milestone and multi-metric legends, statistics notes, and curve fit notes were not printing correctly.



## SLIM-Suite 9.0c Release Notes

### SLIM-Control

**Bug Fix** Actual values on Solution Comparison charts were sometimes changing when the 'Actuals' dialog was opened and the OK button was clicked without having made any changes.

### SLIM-DataManager

**Bug Fix** Fixed incorrect time overrun percentages on the DataManager Review Tab when SLIM-Control files in weekly mode with one or more partially completed phases are imported into SLIM-DataManager.

**Bug Fix** Importing a SLIM-DataManager file with identical metrics in more than one metric category into the same database more than once created extra custom metrics and corrupted some user defined variables.

**Change** The keywords dialog was increased to display full-length keywords.

**Bug Fix** Corrected misleading Export to Excel error message. In some cases, users exporting database reports to Excel got an error message stating that the report could not be exported (then the report was exported anyway!).

**Bug Fix** Corrected issue where the phase time tuning percentage for phases 1, 2, and 4 were written out incorrectly in SLIM-DataManager. Instead of calculating each phase's duration as a percentage of phase 3 duration, duration tuning percentages for phases 1 and 2 were incorrectly set to 100%.

**Bug Fix** Fixed bug where the record creation date was not saved when a new project record was created.

**Bug Fix** Fixed bug where the currently selected project in the Project List changed after canceling an "Add Project" operation (example, "Project A" was selected in the list until the user tried to add a new project record, then canceled the operation. After canceling, Project A was no longer selected on the project list view).

**Bug Fix** Fixed problem with upgrading DataManager 8.2 files containing individual keywords exceeding 50 characters. In databases containing keywords that were too long, individual Keyword records were not upgraded correctly and the Keywords data structures were never created in the upgraded database.



Consequently, attempts to edit the Basic Info tab caused the upgraded DataManager file to crash. The fix in 90 c handles missing Keywords records in already-upgraded 90a or 90b databases more gracefully so DataManager does not crash when the upgraded database is edited. To fix the missing Keywords records, SLIM-Suite 8.2 databases must be upgraded in 90c to re-create the Keywords data and structures. If 90c encounters Keywords exceeding 50 characters during the upgrade, the individual keywords will be truncated.

**Bug Fix** Project Detail reports in DataManager are designed to display cost in the project level monetary unit (which can be different from the global database monetary unit). Corrected issue where the total (lifecycle) cost was displaying in the global monetary unit but phase cost was displayed in the project monetary unit.

## **SLIM-Estimate**

**Bug Fix** Fixed 3-1807 error when user selects “Append View Outline” on workbook upgrade.

**Bug Fix** When upgrading workbooks created in earlier versions of SLIM-Suite, SLIM-Estimate was not always offering users the option to use the new view outline.

**Bug Fix** Fixed 3-1703 error when creating an estimate solution from a linked DataManager history file using the History menu item.

**Bug Fix** Fixed bug where trends did not appear on charts when a workbook upgraded to 9.0b. This situation is unlikely to occur, as it was caused by a corrupted workbook with multiple sizing records that all had the same name. These multiple records can be removed by running the File | Maintenance | Lookup Tables | Removed Duplicates menu item. After running the utility, simply right click on individual charts that are still pointing to the invalid sizing records to point them to a valid size entry. Once this is done, the trends will appear (if they were already displayed using the chart properties).

## **SLIM-MasterPlan**

**Bug Fix** Corrected issue where the column headings on cost reports exported to Excel were formatted as negative numbers in the exported Excel file.

**Bug Fix** Fixed truncated labels on the Task Sequencer dialog.

**Bug Fix** Fixed two bugs that allowed out of range task weights to be entered on the Scoreboard Override and Customize Scoreboard Metrics dialogs.



## **SLIM-Metrics**

Bug Fix      Fixed bug where the Curve Fit note did not display on scatter plot charts when only data set slot A was in use.

## **Multiple Products**

Bug Fix      Fixed problem with life duration bars for logged solutions not being displayed on Solution Comparison charts after logging a new solution or closing/reopening the workbook.



# SLIM-Suite 9.0b Release Notes

## SLIM-Estimate

- Change**      Template files now have the skills allocation settings turned off by default, while sample files have skills turned on.
- Change**      Skills allocation will be turned off in pre-8.2 files when they are upgraded to 9.0. Existing skills labor rate data will be preserved, but should be reviewed and updated before use with the new skills breakout features introduced in version 8.2.
- Bug Fix**      The Effort by Skill Category report title settings in the QSM default workbook were changed from manual to automatic to make it readily apparent whether data for the Life Cycle or an individual Phase is being displayed.
- Bug Fix**      The range check error message for phase tuning fixed effort now updates appropriately to reflect changes to the project's global effort unit.

## SLIM-Control

- Bug Fix**      Duration for historical data points displayed on scatter plot and solution comparison charts was not being adjusted from months to weeks when switching the global time tracking unit from monthly to weekly. Solution (plan and actual) data was handled correctly.
- Bug Fix**      Corrected issue where the Defect Tuning Calculator was crashing when one or more actual milestones occurred long before the planned milestone dates.
- Bug Fix**      Corrected a bug where ad hoc reports were losing metrics when users right-clicked on the report, then viewed the Metrics tab.
- Bug Fix**      Fixed issue where a SLIM-Control workbook with a tradeoff forecast was saved, closed, then reopened and the forecasted staffing appeared extremely low.
- Change**      Improved selection of the forecasted staffing profile when users ran a forecast at the very end of phase 3. The new algorithm does a better job of determining the best-fitting staffing profile and – unless it is level load – trails off gradually instead of remaining constant.



- Change SLIM-Control no longer allows phase 4 forecasting until an actual phase 2 end date has been entered for the project (phase 2 cannot be ongoing when running a Maintenance forecast).
- Bug Fix Fixed issue where some 3 or 4 character monetary unit labels truncated on the Tradeoff Forecast dialog.
- Bug Fix Corrected Paste Special issue where transposed column data from Excel was pasting to two columns, two rows instead of a single row.
- Change The scatterplot report in SLIM-Control was enhanced to display the solution names for logged plans and forecasts and improve handling of multiple solution types.

## **SLIM-DataManager**

- Bug Fix Corrected bug involving importing a SLIM-Collaborate Closeout project with all default keywords selected.
- Bug Fix Fixed bug where upgrading an 8.2 database containing one or more keywords over 50 characters prevented the Keywords table in the underlying database from being created. Editing the upgraded database caused SLIM-DataManager to crash.
- Bug Fix Fixed bug where total defects were not immediately recalculated as soon as changes were made to defects by category fields on the Quality tab.
- Bug Fix Corrected the unit label of the Defect Tuning Factor so that decimal percentage values are no longer displayed with a percent sign.
- Bug Fix Fixed bug where only half of a range of projects selected for deletion on the Project List view were actually deleted.

## **SLIM-Metrics**

- Bug Fix Fixed issue where dataset definitions with query conditions based on multiple instances of the same single-select metric caused the workbook file to run slowly or crash.
- Change When copying a data set definition and editing a query condition, users will now be notified that their changes will affect other data set definitions. If the user did not intend to edit the original query condition, he or she can create and edit a copy of the query condition rather than changing the original condition.



## **SLIM-MasterPlan**

- Bug Fix      Strange characters on Gantt report labels have been corrected to show the number of levels displayed.
- Bug Fix      Fixed issue where task hover tips sometimes displayed incorrect information about the method used to calculate task effort/cost.
- Bug Fix      Corrected bug that presented extraneous folders for display/selection on Risk charts.
- Bug Fix      Corrected issue where importing a MasterPlan .sea into a new MasterPlan program assigned blank names to the imported .SEW subsystem tasks.
- Bug Fix      Fixed bug where SLIM-MasterPlan failed to open the SLIM-Estimate subsystem listed immediately below a deleted SLIM-Estimate subsystem (the next subsystem in the program was opened).
- Bug Fix      Corrected issue with imported MasterPlan programs that was assigning the names of previously imported SLIM-Estimate tasks to SLIM-Estimate tasks in the imported MasterPlan.

## **Multiple Applications**

- Bug Fix      The histograms in SLIM-Metrics and SLIM-MasterPlan did not previously show the “Millions” data label when the Cost metric was displayed.
- Change      A change was made to improve handling of European data entry formats during data entry.





## SLIM Suite 9.0a Release Notes

### SLIM-Suite Integrations

Enhancement      Security: to protect against cross-site scripting or injection of malicious content, special characters are now blocked when exporting SLIM-Suite reports to HTML format.

### SLIM-Suite APIs

New Feature      SLIM-Estimate API: Added an API call (GetCalculatedPI) to retrieve user-adjusted PI values from the PI Calculator.

Enhancement      The SLIM-Estimate API is now accessible as a COM component from C#.

New Feature      SLIM-Estimate, SLIM-Control APIs: Added an API call to retrieve the list of trend groups in a SLIM-Estimate or SLIM-Control workbook.

### SLIM-Estimate

New Feature      When creating new workbooks from the File menu, a new “No Solution” method has been added to allow users to bypass the detailed input screens and begin working directly in SLIM-Estimate. Initially, all charts and reports will be blank until a solution has been generated.

Enhancement      Updated the RICEFW gearing factors and sizing techniques in the package implementation template (Package-Implementation.sew). The sizing calculator technique in the 8.2 version of the template was replaced with an early ROM technique and two more detailed sizing techniques.

Enhancement      Updated the size range for Business Processes gearing factors in the Total System Mapping sizing technique.

Enhancement      Flipped the order of skill categories listed on the time series skill chart legends to match the order displayed on charts.

Bug Fix      Fixed a bug where, during upgrades of version 8.1 SLIM-Estimate workbooks with skill categories mapped to phases, the skill category data was not preserved.



Enhancement	Restored Effort x Skill x Phase/Lifecycle option on Breakout charts and simplified the user interface.
Enhancement	Changed the arrow color in the risk chart for better visibility when printing.
Change	Changed the global effort unit in the SLIM-Estimate Agile template to Person Hours and removed inconsistent task data from the WBS.
Enhancement	Solution Panels now show Average Staff in addition to Peak Staff.
Change	Changed “Automatic” phase tuning radio button label to “QSM Default”.
Bug Fix	Fixed the logged solution report so that hidden logged solutions do not display on the report.
Bug Fix	Fixed issue where users with certain Windows locale settings where commas are used instead of periods in decimals lost the data for the skill configuration max percentage value.

## **SLIM-Control**

Enhancement	Changed the attributes for the Story Burndown and Story Point Burndown custom metrics in the Agile SLIM-Control template to treat them as Rate metrics.
Enhancement	Increased the font size in SLIM-Control solution panels for better visibility.
Enhancement	In SLIM-Control, the forecast now consistently considers missed milestones.
Enhancement	Added plan and actual data to the SLIM-Control Agile template.



## SLIM-DataManager

New Feature	Users can now create, save, edit, and reload multiple named View Layouts that can display up to 15 metrics. Users can also import View Layouts from other version 9.0 SLIM-DataManager databases. Version 9.0 SLIM-DataManager databases come pre-loaded with 14 pre-defined View Layouts.
Enhancement	Redesigned the SLIM-DataManager custom metric definitions dialog box to make it easier to edit custom metric definitions. Users can now sort metrics, easily see which metrics have data, and remove metrics that do not have data. Users can also reorder the list of custom metrics by dragging and dropping.
Enhancement	Data entry for single- and multi-select custom metrics has been simplified: users can select or deselect metric values using a convenient checkbox or radio button interface.
New Feature	Multi-select metrics can now be displayed on the Project List views and on bar charts in SLIM-Metrics.
New Feature	The SLIM-DataManager user interface now makes it even easier to create, edit, and manage keywords. Users can create, edit, delete, and reorder items in the master keyword list via a new <b>Tools   Customize Keywords</b> menu item. Once the master list of keywords has been defined, data entry for individual project records is streamlined: simply check all keywords that apply to the project. Keywords are now displayed on the Project List view and on SLIM- Metrics bar charts in the order in which they appear in the master keyword list.
New Feature	Changes to any item in the master keywords list will now globally update all project records tagged with the changed keyword.
New Feature	When importing the contents of one DataManager database into another, the master keyword lists in the two databases will be merged.
Enhancement	Clarified and streamlined the user interface for assigning a label to the Base Size Unit on the Global Options dialog.
Enhancement	Users can now edit and review all size inputs (function unit, gearing factor, new/modified/unmodified counts) right on the Basic Info tab in DataManager instead of having to alternate between the Sizing tab and Basic Info tab.
Enhancement	When entering additional size records on the Sizing tab, users can now specify whether secondary size counts represent effective (new and modified only) or total (new, modified, and unmodified) size. Calculated gearing factors will include unmodified code only when the function unit count maps to Total size.



- Enhancement** The primary size record is displayed on the Sizing tab for easy reference; if the primary function unit is in any anything other than the base size unit, the equivalent base size value is also displayed on that tab.
- Enhancement** When the primary size record on the Basic Info tab is edited, all secondary sizing records are now automatically recalculated to keep them in sync with the primary size record.
- New Feature** A new Database Validation report makes it easy to view, print, or export a list of errors detected by SLIM-DataManager for each project.
- Change** Increased the size of the User Defined Variable dialog for improved visibility.
- Enhancement** Three changes were made to the Languages Breakout area on the Sizing tab in SLIM-DataManager. Percent of total value is no longer required. When setting primary and secondary languages, the first language entry is used as primary in case of a tie. Also, if no percent of total is entered, then no language is set as primary or secondary. Percentages of new, modified, and unmodified by language are no longer inputs.

## **SLIM-MasterPlan**

- Enhancement** Completed SLIM-Control actuals can now be imported into SLIM-MasterPlan.
- New Feature** When importing plan or actual + forecasted data from a SLIM-Control workbook that is in weekly mode, SLIM-MasterPlan will automatically convert imported time series data to monthly format (the original SLIM-Control workbook is left intact).

## **SLIM-Metrics**

- New Feature** Bar charts can now display medians as well as averages.



- Enhancement** The active data set page has been replaced by a page that shows a list of all data sets. This page displays the number of projects which match that data set, the number of charts or reports that data set is used in, and a default reference set, if appropriate. All management of datasets occurs from this one page: selection, deletion, copying, adding new definitions, etc. Users can also easily delete unused data sets by clicking the “Select All Unmatched,” then clicking “Delete.” As opposed to earlier versions, there is no concept of “inactive” data sets; in version 9.0, any defined dataset can be selected for use in charts, reports, and building reference groups. The limit on the total number of data sets has been increased to 98, giving users more freedom in creating the data sets they need all in one workbook.
- Enhancement** The Query Conditions tab has also been improved. Like the Data Sets tab, the Query Conditions tab allows users to edit, copy, delete, and create new query conditions from a single page. Users can see how many data sets use each query condition and how many projects match each query condition at a glance. Deleting unused query conditions is a snap! Users simply click on the “Select All Unused” button, then click on “Delete.” The Edit Query Condition dialog box also has been improved to help create query conditions. The Examples group box and the operator combo box have been updated to show examples appropriate for the metric selected. The title of the dialog box shows the current ‘action’, either edit or creating query conditions.
- Enhancement** In previous versions of SLIM-Suite, multi-selection metrics and keywords were treated as text metrics. In SLIM-Suite 9.0, they will appear in the metric list with the ‘multi-selection’ symbol. Display of the metric values in bar charts is greatly improved.

## Multiple Applications

- New Feature** When product upgrades are released, “A new version is available” message will now display on all product splash screens.
- Change** The export to Microsoft Project’s discontinued MPX file format item has been removed from all SLIM-Suite menus.



- Enhancement      Several changes have been made to clarify the Basic Work Unit in all applications. First, the gearing factor will automatically be set to 1 and users will not be able to edit it when the chosen unit is the base size unit. Second, basic work units will be removed from lookups. Instead, users will simply enter an acronym. Third, the user interface for selecting a Function Unit in SLIM-Estimate and SLIM-Control has been clarified. When sizing in the Base Size Unit, the drop down selection list will display “Base Size Unit” with the base size unit acronym in parentheses (ex: “Base Size Unit (IU)”), and the selection item is also preceded by an asterisk to further differentiate it from other, more abstract size units.
- Enhancement      When multiple users are working on the same file and the first user has saved changes to the original file, the second user will be prompted with a “SaveAs” dialog when attempting to save the file. The save dialog will suggest renaming the file with “-Copy” appended to the end rather than saving the file with the same file name.
- Enhancement      Several sample files have been updated with keyword and multi-select metric sample data.
- Change              The following sample files have been discontinued:  
SW-SS Comms Division.smp  
SW-Star Systems.smp  
SW-TechCorp.smp  
SW-EcommerceTrendCreation.smw  
SW-Star Systems.smw  
SW-TechCorp.smw
- Change              The Benchmark Data.smp template file has been discontinued.
- Change              The template file previously known as “HW-Call-Center-Infrastructure.sew” has been changed to “HW Call Center Design – IT Infrastructure.sew”.
- Change              Template files in previous versions (“Benchmark Simple.smw,” “Benchmark with Independent Reference Data.smw,” and “Benchmark with Subsets.smw”) have been merged into one file known as “Global Benchmark and Trends.smw”.
- Enhancement      The guided tours in the PDF-format user manuals and online help have been revised and extended to provide more thorough coverage of new product features.