

# ddcBar Bug History

Up to Version 18.4.3

## Version 18.4.3

- **Fixed->** Point-Database: Removed false message about changing database storage locations.
- **Fixed->** DDC Simulator: Added missing support for VLCA when saving points to priority array.
- **Fixed->** DDC Simulator: Removed old code that “zeroed” out the grid data for AO and BO points on DDC initialization (should have been the device live data only).
- **Improved->** DDC Simulator: Changed the clock reset button on the Misc tab to reset the clock-seconds variable in addition to the clock fraction-of-a-seconds. Only the clock-seconds variable is visible on the Misc tab.

## Version 18.2.18

- **Fixed->** DDC Compare: Fixed an issue that would stop the comparison of ddc with a false End-of-file flag in one of the 2 files. Usually triggered when earlier errors were detected.
- **Fixed->** Fixed an issue where point data saved to the ddcBar internal storage area was not being fully restored when the drawing file was reopened due to an issue with the new support for the “units” property.

## Version 18.1.15

- **Fixed->** Point-Editor Export to Excel: Fixed issue where the options to include descriptors was disabled.
- **Fixed->** Point-Editor Export to Device Properties Shape: Fixed issue where the OK button would not be enabled under certain circumstances.

## Version 17.12.5

- **Fixed->** Automation-Device Shapes: Corrected the internal names that ddcBar uses to locate device shapes for the VLCA. This corrects issues in running scripts with certain device shapes.
- **Improved->** DDCbar will now attempt to locate a device shape in the VisualLogic stencils using the device function-code if it cannot be located using the name. This overcomes most issues where a user had renamed the device shape in the Visio stencil (or local stencil).

## Version 17.9.25

- **Fixed->** Point Search & Replace: Fixed issue where certain data values could stop the search function within certain devices.
- **Fixed->** Shape Update: Fixed issue where certain master shapes were not listed in duplicate list box.

## Version 17.5.1

- **Fixed->** DDC Explorer->In/Out Tabs Section: Fixed issue where a warning flag was incorrectly set on points with the same descriptor but different array indexes when grouping by descriptor.
- **Fixed->** DDCbar: Fixed issue where Controller-Type dialog might not be displayed properly when running in a multiple monitor setup.

## Version 17.2.12

- **Fixed->** Excel Database: Fixed issue where analog array values were treated as binary when writing to workbooks.

## Version 16.11.13

- **Fixed->** Compare: Fixed issue where report displayed the device type instead of the sequence number in the listing headings.
- **Fixed->** Junction overrides: Re-enabled the Junction overrides used on the toolbar and ribbon Junction buttons (Ctrl and Ctrl+Shift).
- **Fixed->** Connection: Fixed issue where connecting between vertical line and a device/tab shape did not anchor the shape before adding the junction to the line.
- **Fixed->** Script: Fixed issue in the script dialog where the Sequencing dialog would not appear at end of script when option was enabled.
- **Fixed->** AnchorBar: Fixed issue where the Script-Run dialog was called in an infinite loop forcing user to end Visio process.
- **Fixed->** Point Database: Fixed issue where Ibex points were not being saved to the internal database.
- **Fixed->** DDC Explorer to SDC: Fixed issue where exporting all points to SDC did not correctly identify the needed points. Renamed option to better explain usage.

## Version 16.8.22

- **Fixed->** Excel VLX Support: Fixed issue where the row locations for point properties were not calculated correctly for multi-sheet VLX workbooks.
- **Fixed->** Script Run Point Select: Fixed issue where the point-select dialog was not painted in non-edit mode.

- **Fixed->** New Blank Drawing: Fixed issue where Visio might crash if you created a blank drawing and then used the Drawing-Setup to initialize the ddcBar drawing settings.
- **Fixed->** Propagate ribbon button: Fixed issue where the main button click did not propagate all I/O tabs.

## Version 16.7.20

- **Fixed->** Add Junction: Fixed issue where Visio could crash when clicking this command with no shapes selected.
- **Fixed->** Straighten/Align: Fixed issue where Visio could crash when clicking this command with no shapes selected.
- **Fixed->** VLX Configuration dialog: Fixed issue where configuration data was written to wrong worksheet.
- **Fixed->** Simulator: Corrected INIT behavior to work correctly when switching between single and multiple point grids.
- **Fixed->** Simulator: Corrected icon displayed when executing loop from the Help icon to the red Cancel icon.
- **Fixed->** ddcbar Setup: Updated installer package to include missing file used by the Update stencil icons command.

## Version 16.3.1

- **Fixed->** Point Range Selection dialog: Fixed issues where the point types were not initialized correctly when dialog is displayed.

## Version 16.2.9

- **Fixed->** DDC Script Save to File: Fixed issue where the Visio text objects were not being saved to the script file (option was not initialized).
- **Fixed->** DDC Explorer: Fixed issue where clicking in explorer window before a first refresh caused access violation.
- **Fixed->** Point-Editor Export to Excel: Corrected missing acceptable file extensions types.
- **Fixed->** Point-Database: Fixed issue where new Excel or database file was not being created if an existing file with same name was present.
- **Fixed->** Point-Database: Fixed issue where initial save of drawing did not always save the point database type (internal,excel,database).
- **Fixed->** DDC Simulator: Fixed issue where data values were blanked when reloading devices.
- **Fixed->** Stencil Icon Update: Fixed issue where update would halt if any master existed in the source stencil and not in the destination stencil.
- **Fixed->** Point-Editor: Fixed issue where launching SDC from export command would not work under certain installations.

## Version 15.11.6

- **Fixed->** Point-Editor Import/Export to Device-Settings: Fixed issue where point types were not being translated correctly.
- **Fixed->** Point-Editor Export to Excel: Corrected missing acceptable file extensions types when selecting a file to export to.
- **Fixed->** Point-Editor Export to Excel: Fixed issue where file-open dialog did not allow the entry of a new filename.
- **Fixed->** Point-Editor Export to Excel: Fixed issue where Excel file extension was always changed to .xism when GC Builder support was enabled. User can now use other file extension types.

## Version 15.10.3

- **Fixed->** Scripts: Corrected pasting of a script so the pasted shapes remained selected.
- **Fixed->** IBCU support: Fixed issue where apex and database were not being saved with drawing.
- **Fixed->** Visio 2007: Further improved the missing ddcBar menu issue.

## Version 15.9.29

- **Fixed->** Visio 2007: Fixed issue where main ddcBar menu may not be created under certain conditions.
- **Fixed->** Visio 2007: Fixed issue where Shift+clicking on propagate toolbar button caused Visio crash.

## Version 15.9.22

- **Fixed->** Shape Update: Fixed issue where some device shapes who did not have a master shape were not getting updated.
- **Fixed->** DDC Scripts: Fixed issue where accessing commands on the ddcBar ribbon might disrupt the script save of the current ddc selection.
- **Fixed->** DDC Simulator: Enabled 1/20 sec timing mode for use with the VLCA. Tweaked display of timers to show decimal positions for 1/10 and 1/20 timing modes.
- **Fixed->** ADC-TDC Compiling: Fixed issue where the use of DOSBOX was not being reliably detected in the Compare dialog causing the compare to fail on 64bit PC's.
- **Fixed->** SubCaller Editor: Changed dialog style to Visio anchor window so cut-and-paste worked within the SubCaller editor and not the Visio page.
- **Fixed->** Point-Editor: Fixed issue where Excel read/writing might stop working if an Excel file was linked and was located in the same folder as drawing.
- **Fixed->** Point-Editor: Importing of Excel point now supports the range and point-type filters.

- **Fixed->** Point-Editor Excel Support: Fixed issue where Excel workbook changes (updates) respect the status of the User-Preferences auto-save option.
- **Fixed->** Point-Editor Export to Excel: Fixed issue where a new file would always be created even when selecting existing ones.
- **Fixed->** Point-Editor Point Export: Changed the File-Save to File-Open dialog when exporting points as you may be selecting existing files. This removes the file overwrite confirmation box.
- **Fixed->** Point-Editor Point Export: Fixed issue where BO points might be skipped.
- **Fixed->** DDCbar File Dialog: Fixed issue the default file name would contain 2 period characters separating the filename and extension.
- **Fixed->** DDCbar File Dialog: Fixed issue where file name would erase default name when selecting the main "Recent Files" node of the tree.
- **Fixed->** DDCbar File Dialog: Fixed single column view issue using 2 columns.
- **Fixed->** DDCbar File Dialog: Fixed issue where EFB/ABS/Compass path names did not display correctly.
- **Fixed->** DDC Explorer: Fixed issue where using DataWriter with binary data would show up as error in explorer tree.
- **Fixed->** VLX Configuration dialog: Corrected labeling on 4-20ma calculator.
- **Fixed->** Fixed 6 broken help file links.

## Version 15.6.2

- **Fixed->** Point-Editor: Enabled the Excel import/export commands when drawing type is used for VLX or global controllers.
- **Fixed->** DDCbar File Dialog: Fixed issue where EFB version did not match up to folder path.

## Version 15.6.1

- **Fixed->** Fixed issue where UAC level might interfere with connection to the bactalk.activex.interface.

## Version 15.5.25

- **Fixed->** DDC Simulator: Fixed glitch in the display of binary points.

## Version 15.5.18

- **Fixed->**SubCaller Editor: Restored ability to resize SubCaller Editor window.

## Version 15.5.12

- **Fixed->**Point Database: Fixed issue where in certain cases the saved point data file (database or Excel) would be stripped of the file extension when ddcbar saved the name. When the Visio file was opened again the file could not be located.

## Version 15.5.10

- **Fixed->**Registry Access Error: Corrected access method to a Visio 2013 registry entry that was causing "Failed to get data for UI Theme" error. The Point-Editor would fail to open a database file. Typically only affected Windows standard users.
- **Fixed->**Point-Editor-Import: Fixed issue where point editor would in certain cases add an extra character to the Value field when pasting from an Excel file.
- **Fixed->**Point-database: Fixed issue where the internal storage of point values and obj-names were not saved with drawing file under certain circumstances.

## Version 15.3.22

- **Fixed->**Versioning: Fixed issue where new compiler broke version information.
- **Fixed->**Issue where DDCbar's point data manager would open Access database files using Excel in certain cases.
- **Fixed->**Point-Editor Export: Fixed issue in Export to SDC where an exception would occur if cache folder has not previously been created.

## Version 15.3.9

- **Fixed->**Point-Database: Fixed issue where if the first drawing was a new drawing and you had selected to auto-create a database or Excel file it would not be created.
- **Fixed->**Point-Editor: Fixed issue in Import-from-database where File-Save dialog was used instead of File-Open.
- **Fixed->**Point-Editor: Fixed Import/Export dialogs issue where some controls had misleading labels.
- **Fixed->**Excel workbook support: Fixed issue in the interface files where use of IN-nn style points were not translated correctly.
- **Fixed->**Excel workbook support. Fixed issue where ddcbar would continue to open any Excel workbook with the same name as the Visio drawing even if you selected to use the internal database.
- **Fixed->**SelectMode: Removed the global SelectMode setting and changed to drawing based setting. This was done to remove the issue when opening large drawings with this setting enable could take a long time to process. Added a "continue" prompt for large drawings.
- **Fixed->**Visio 2007 and AnchorBar: Compare command was not being recognized.

- **Improved->** ddcScripts: Added option to save and restore Visio text shapes using the script.
- **Improved->** Excel support: Added a check to make sure that the Excel workbook does not have the readonly property set before it attempts to save the file.
- **Improved->** Excel support: Disabled the check for workbook version compatibility when saving the file through automation.
- **Improved->** Shape-Update utility: Enhancements have made to produce faster results with large files that contain a large number of duplicate masters.

## Version 15.2.1

- **Improved->** New license file system will make registering your license easier.
- **Fixed->** Auto-create database: With Excel support the auto create options has been added back in. You can have DDCbar auto-create either an Excel workbook or the Access database when a new drawing is created.
- **Fixed->** Linked database filename stored in drawing: DDCbar will now properly store only the filename of the linked Excel or database when the drawing is saved. This fixes the issue where DDCbar could not locate the point data file when the Visio drawing and the linked data file were moved to a new folder.
- **Improved->** SetShapeMode command: Changed ribbon button to a toggle mode. Command now process any device or tab shape dropped on drawing while enabled. This is in addition to setting all the existing device and tab shapes.
- **Improved->** Added additional Excel file type extensions to file open and save dialog boxes.
- **Improved->** VLX Configuration Editor now loads and saves the EXP models used in both the drawing file and in any Excel file read or written to.

## Version 14.12.10

- **Bug->** Missing Database File: Fixed issue where the missing filename did not show up in dialog.
- **Bug->** Fixed minor issues with Custom User Menu.
- **Bug->** Fixed issue where Device-Settings command "Create point list from descriptors" did not consistently create the list.
- **Bug->** Fixed issue where DDCbar would not locate VLCA stencil when ABS 3.0 VisualLogic was installed.
- **Bug->** Fixed issue on DDCbar Point menu ribbon command "Always use temporary database" not working.
- **Bug->** Fixed issue on DDCbar Point menu ribbon command "Stop automatic database creation" not working.
- **Bug->** Fixed issue in the Point-Editor grids where cut-copy-paste only applied to descriptor field even when you were in another field.

- **Bug->** DDC Simulator: Fixed issue in the execution of the Gated-Transfer device.
- **Improved->** Point-Editor: The status bar now shows the AI+BI state of the input descriptors without leaving record.
- **Improved->** Ribbon: Fixed issue where "Fetch all drawing tab points" ribbon button was calling wrong command.
- **Added->** DDC Simulator: Negative TDB and RDB values clamped at 0 as per documentation.
- **Added->** Point-Editor: Added missing support for MV points in the drawing documentation update.
- **Added->** Point-Editor: Added support for cut-copy-paste keyboard commands (Ctrl-X, Ctrl-C, Ctrl-V) when in field edit mode.
- **Added->** User Preferences: Added a selection list of Visio DoCmds and VisualLogic Addin commands to the Custom User Menu list.

### Version 13.8.23

- **Bug->** Fixed issue in new installations where DDCbar would skip looking for the bactalk.activex.interface.
- **Change->** Fixed issue in DDC Explorer where updating I/O Tab descriptors from the TAB section would add extra space at start of text.
- **Bug->** Fixed issue in DDC Compare where changing between Visio windows would erase the grid.

### Version 13.4.1

- **Bug->** Fixed issue where Subcaller Repeat dialog would not allow user to change repeat style for higher parameters (also added support for properties when repeating a value).

### Version 13.3.2

- **Bug->** Fixed issue where Transfer-Table shapes from the dbShapes.vss stencil were not handled correctly with DDC Explorer causing some false error listings (usually duplicate sequence number errors).
- **Added->** Added a check of all open stencils under DDCbar automation tasks such as adding junction, connecting shapes, etc.
- **Bug->** DDC Simulator: Fixed issue with MI, MV and MO points causing exception errors.
- **Added->** DDC Simulator: Added 0 to 100 limits to the FMC estimated position calculation.
- **Added->** Point Editor: I/O Tab scan will remove point properties before adding to database. This fixes the issue where prio-array and rel-def values were skipped.
- **Bug->** Shape Update: Fixed issue where changing between the VisualLogic and DDCbar subcallers was corrupting the VisualLogic subcaller size.
- **Change->** Ribbon: Removed duplicate context menu Copy-Script and Paste-Script commands.

- **Bug->** Scripts: Fixed issue when translating where pasting Apex-subcaller to BACtalk-subcaller did not set the proper subcaller param number.

## Version 12.7.29

- **Bug->** Fixed issue where I/O scan of point descriptors did not always refresh the database tables in the point editor.
- **Bug->** Fixed issue where Propagate toolbar button did not always function when clicked without SHIFT and CTRL overrides.
- **Bug->** Fixed issue in point export where all descriptors were being written to the VLC when the descriptor was blank and the option to send blank descriptors was not checked.
- **Bug->** Fixed issue in point export to controller where the descriptors were being sent 6 times instead on once.
- **Bug->** Fixed issue where the users choice of old style VLX database was ignored when opening new drawing.
- **Change->** Removed process that looked for point tables during point scan when drawing is opened.
- **Bug->** Fixed the issue in point scan of a VLX database where not all the tables were being processed for blanking unused descriptors.
- **Bug->** Fixed issue that ignored the users choice to use an existing database when recreating.
- **Bug->** Fixed bug in script paste where a REV gets applied to some points in the destination device shape when pasting from Ibex to BACtalk.
- **Bug->** Added check to remove extra ZG prefix from zone generic points. This occurs when older ddcbarlib.ini file was not properly upgraded.
- **Bug->** Fixed issue where point values were not being sent to controllers when the option was enabled in the Point Editor export dialog.
- **Bug->** Fixed issue where the run script dialog was not hooking up to the VLCA point databases where points could be selected.
- **Bug->** Fixed issue in Simulator where true/false values were not converted to active/inactive.
- **Change->** Changed behavior in Script Run to use point descriptor from database when user overrides point.
- **Bug->** Fixed issue where DDCbar toolbar was not attached to drawings when run from the windows shell.

## Version 12.4.1

- none

## Version 11.11.19

- **Bug->** Fixed issue where the Shape Update was corrupting the NOT and REV colors in device shapes.
- **Bug->** Fixed issue where saving an entire drawing as a script would occasionally save only page 1.
- **Change->** Removed DDC Explorer from reading user settings each time it opens. This was canceling out any session changes to the settings by reading the saved set each time.

## Version 11.9.25

- none

## Version 11.9.12

- **Change->** Code change: Removed code that closed Excel application at when exporting points.
- **Bug->** Hints: Fixed issues where disable options were not turning off tooltips on toolbars and explorer lines.
- **Bug->** Visio 2003 issue: Fixed issue where the text of a Visio shape would not be read under some circumstances. This effected saving scripts and working with the older Point Tables.
- **Bug->** Visio 2010 issue: Added support for installations of EFB 2.5 and earlier under 64bit OS's.
- **Bug->** DDC Script: Text block font size was sometimes not being set correctly for legacy style scripts.
- **Added->** DDC Scripts: Added support for exponent form in numbers since the Save Script sometimes saved them this way.

## Version 11.4.27

- **Bug->** Fixed issue in DDC Explorer where an access violation occurs at the end of a refresh cycle when using the *dbShapes.vss* stencil for Ibex DDC.

## Version 11.3.27

- **Change->** Changed the point export routine to check that the local database uses the *prio01..prio16* fields before accessing them.
- **Bug->** Reworked AV range check option in DDC Explorer to work properly.

## Version 11.3.10

- **Bug->** Fixed issue where Point Editor Export dialog box would always assume the user canceled the process. This effected build 11.3.2 only.

## Version 11.3.2

- **Bug->** Fixed issue where moving point database to a location where the file already existed would use the existing file and then delete the older database. No we just alert the user and continue using current database.
- **Added->** Added the proper VLD-362 file extension to system (.vld).
- **Added->** Added check and fix for database names that contain XML special character &.
- **Bug->** Fixed issue where opening a VLX database with a different format than the current database caused an error.
- **Change->** Improved the Recreate database command to never delete a file.
- **Bug->** Fixed issue where writing point values to a remote database wrote multiple NULL strings to each priority.
- **Bug->** Fixed the toolbar commands to run VisualLogic addons to work properly under Windows 7.
- **Bug->** Fixed the issue in the DDC Simulator where changing the loop time did not work.
- **Bug->** Fixed issue where Junction Rotate command was causing an issue with UpShifting 2AND/2OR gate to a 6AND/6OR (connecting lines misplaced).
- **Bug->** Fixed issue where adding Microset descriptors to the point database did not refresh the editor display.

## Version 10.12.05

- **Added->** Updated program to run under Windows 7.
- **Added->** Updated program to run under 64 bit OS.
- **Bug->** Fixed issue where User Preferences were not being saved to disk under certain instances.
- **Added->** Updated accelerator keys to call both older and newer Envision addons.

## Version 10.9.20

- **Bug->** Fixed reported false error that BACtalk type library was not found.
- **Bug->** Fixed error where current selection was discarded when running Search command.

## Version 10.7.20

- **Bug->** Fixed issue where BACtalk ActiveX version 2.6 was not discovered when it was the only version installed on a PC.

## Version 10.6.22

- **Bug->** Fixed issue where a point database file could not be linked a second time once it was removed.
- **Change->** Cleared database type when UnLinking a database file in Drawing Setup. This allows the proper query the next time the drawing is opened.

## Version 10.4.12

- **Bug->** Fixed issue where Visio Auto Recovery option was not monitored by DDCbar and caused point database corruption.
- **Bug->** Fixed issue in Point Editor where importing from a controller could try and connect to use non-existent table.
- **Added->** Added missing support for BACtalk Builder VLX v2.5 database format to DDC Script dialog.
- **Bug->** Fixed issue in DDC Simulator where the Ki values would be duplicated in the grid each time the LOAD command was run.
- **Bug->** Fixed issue in DDC Simulator where the Ki value trashed the title text of the column.
- **Bug->** Fixed issue in DDC Simulator where point values using priority array index may not have been saved to the database properly.

## Version 10.2.21

- **Bug->** Fixed the issue in the DDCbar installer that was truncating the ddcbar path in the Visio settings.
- **Bug->** Fixed the issue where the importing and exporting between different version of VLX database caused exception errors in the Microsoft Jet database engine.
- **Bug->** Fixed issue in Simulator where substitution points did not get set to proper values before calling subroutine.
- **Change->** Changed DDCbar's accel key for COMPILE from **Ctrl+Alt+F** to **Ctrl+Alt+M** as the former was in conflict with Visio Send-To-Foregrnd command.
- **Change->** Changed how Point Descriptors Export dialog box was sized before it appears. User reported that dialog box never displayed all controls. **(Note: This is a fix for an issue that could not be replicated by me or my beta testers. May not fix issue)**
- **Bug->** Fixed the Subcaller Repeater to include AI and AO point types in the increment object ID command.

## Version 10.1.1

- **Bug->** Fixed the issue where opening a database with *mdb* file extension that did not match the drawing mode would cause access error in the Jet database engine.

- **Bug->** Fixed the issue where selecting a new database in the Drawing Setup would change the file extension to match the drawing mode. A warning is given now.
- **Bug->** Fixed the "DDCbar Toolbar" command on Visio DDCbar menu. It would try and create another toolbar when current was hidden.
- **Bug->** Fixed broken help links in a couple of places.
- **Bug->** Fixed issue where a temporary point database was not opened when DDCbar was notable to open the linked database. This caused DDC Explorer not to function.
- **Bug->** Fixed Shape Update utility. Lines were always updated even when not selected.
- **Bug->** Fixed issue where Point Editor would not properly show the AI+BI status correctly. This is the indicator that both the AI and BI for a given instance have text in the descriptors field.
- **Bug->** Fixed the output timing issue with the Floating Motor controller devices in the Simulator.
- **Change->** Moved the 3rdParty folder outside of the ddcbar folder so Visio wouldn't process the programs within it as addons.

## Version 9.6.27

- **Bug->** Fixed issue where WEDS destination point was picked up as local point. This could cause misleading error message about Sequential or Multiple writes. Read about the workaround in the new features section.
- **Bug->** Fixed a memory leak issue that occurred with DDCbar's anchor window management. This might have caused a Visio crash if you opened and closed a large number of drawings in a single Visio session.
- **Bug->** Fixed the issue that occurred when a missing point database file was located using the Browse button. The database name was not saved in the Visio drawing by DDCbar causing the error to occur again when the file was next opened.
- **Bug->** Fixed the issue where multiple files opened at the same time from within the File-Open dialog box would not be configured to work with DDCbar properly.
- **Bug->** Fixed the issue in User Preferences where *Tab Spacing from Edge* control would not accept distance.
- **Bug->** Fixed the error that failed to create/open a point database for older DOS global controller DDC.
- **Bug->** Fixed an error in the Point Editor that used BACtalk names for Ibex DOS point database file.
- **Bug->** Changed how the Simulator loaded binary values from the linked Point Database. It nows loads them as active/inactive instead of true/false.

## Version 9.4.23

- **Change->** Changed the Simulator to ignore point types not supported by the current DDC type when it tries to retrieve the point descriptor from the attached database. This was causing the closed dataset error message.

- **Bug->** Fixed bug in user interface in the PointScan Options dialog box where some options would be disabled when selecting the Current Page scan type.
- **Bug->** Fixed the error in the comparator device in the Simulator.
- **Change->** Improved the way the Simulator saves and retrieves the point values from the attached point database.
- **Added->** Added code to improve international support.
- **Bug->** Fixed error in Compare Report (notepad) that occurred in some case where devices were different.

### Version 9.2.23

- **Bug->** Fixed one memory leak problem and tweaked DDC execution routines.
- **Bug->** Fixed a device sequence check that was causing erroneous error messages about multiple devices using the same sequence number.

### Version 9.2.18

- **Bug->** Fixed issue where breakpoints dialog would not appear but instead caused exception error.
- **Bug->** Fixed bug where Subcaller Viewer would not display any subcaller data until you ran opened one of the other dialog boxes of DDCbar.

### Version 9.2.10

- **Bug->** Tweaked yet again the issue where the database type prompt occurs twice when opening certain files.
- **Bug->** Fixed bug where Subcaller Viewer would not display any subcaller data until you ran opened one of the other dialog boxes of DDCbar.
- **Bug->** Fixed bug in the DDC Script dialog that occurred when a script had more than 1 point variable which in turn caused the points not to be displayed in the point substitution grid.

### Version 8.10.14

- **Change->** Removed the restrictions in the Drawing Setup dialog that would not allow you to change to certain controller types.
- **Bug->** Fixed bug in Drawing Setup dialog that did not update the Point Editor with any new change in database files.
- **Bug->** Fixed range check error in Search-Replace dialog when deleting last item in list box.

## Version 8.9.4

- **Bug->** Fixed error when exporting BACnet points from the Point Editor to the Windows clipboard or a selected shape.
- **Bug->** Fixed error when importing Ibex Tux point descriptors into the Point Editor from the Windows clipboard or a selected shape.
- **Bug->** Fixed error when opening a Visio file from the command line that caused DDCbar to perform a drawing setup twice which resulted in multiple DDC Explorer attachment messages.
- **Bug->** Fixed logic in how DDCbar saved drawing setup to Title Block which resulted in nuisance "Save edits?" message even when no drawing edits were made.
- **Change->** Changed the way DDCbar queries on drawing type when unknown. Removed it from opening the Drawing Setup dialog box and changed it back to ask for the drawing type (Bld or Gbl). This was part of the "Save Edits" fix described above.
- **Added->** Added context menu to Subcaller Viewer grid that allows you to copy data to clipboard for pasting into Excel or Word. Also added a way to quickly size all columns.

## Version 8.6.27

- **Change->** Removed DDC Explorer nested branch writes warning messages until new method can be developed.

## Version 8.6.24

- **Bug->** Fixed issue where a scan of the In/Out tabs would be inappropriately run when DDCbar opened a drawing that contained a link to a missing database. This scan would occur if another database existed with the same name as the drawing. The proper action is to just open that file and not scan.
- **Bug->** Fixed issue where DDC Explorer added extra space to text descriptor of In or Out Tabs when updating them using the context menu command. Added missing update of descriptor in point database when this command was run.
- **Bug->** Fixed issue where writing the point descriptors to a remote database from the Point Editor menu would sometimes miss updating when the local point database was scrolled away from the first record in a table.

## Version 8.5.28

- **Bug->** Fixed multiple issues in the process of opening the linked point database file including unnecessary drawing scans.
- **Change->** DDCbar now opens any existing database with the same name as the drawing instead of creating a uniquely named one.

- **Added->** Added code to trap for the condition where DDCbar is started by a user through the Add-ons menu when a drawing is already open. This code will setup the drawing for use with DDCbar.
- **Bug->** Fixed issue where DDCbar did not save the state of NOT and REV in points when creating a script.
- **Change->** Excel application is now left visible after importing and exporting of points in the Point Editor.

### Version 8.4.14

- **Added->** Added Visio version checking to fix issue with zooming from DDC Explorer to shape using double-click. DDCBar should now properly support 2002, 2003 and 2007 correctly.

### Version 8.4.6

- **Bug->** Corrected Sequencing dialog change where lowest sequence number was not set when the dialog opened.
- **Bug->** Fixed issue where *Update all In/Out tabs with descriptor* command in the right-click menu of the Point Editor did not work correctly for global controller databases.
- **Bug->** Fixed three Visio 2007 theme exceptions that were missed when updating DDCbar.
- **Bug->** Fixed issue where older Ibex drawings would create a VLC temporary database.

### Version 8.4.3

- **Bug->** Fixed issue where context menu command to update In/Out Tabs in DDC Explorer was broken.
- **Bug->** Fixed AutoCad import issue where the *Anchor Text Tabs at Border* option did not function.
- **Bug->** Fixed issue where changing any user preferences caused the Ibex DDC point verification to quit working until DDCbar was restarted.
- **Bug->** Corrected export of points to SDC format in the DDC Explorer menu.

### Version 8.2.22

- **Bug->** Fixed issue of leaving an invisible copy of Excel running when importing points.
- **Bug->** Fixed issue where point values were being cleared after opening a new drawing that was not linked to a database.
- **Bug->** Fixed issue where you could not connect to a new database after a drawing was opened when the former database file was not found.
- **Bug->** Fixed issue where the DDC Explorer *Copy Tab point* and *Copy Tab Descriptor* menus were broken.

## Version 8.2.12

- **Bug->** Fixed issue where the last update of DDCbar broke the setting of a stencil mode. This procedure is no longer needed in the new version.
- **Bug->** Corrected the substitution indexes in the Subcaller Viewer to start with 0.
- **Bug->** Fixed missing descriptors in tabs when propagating points using menu "Propagate and add tabs" command.

## Version 7.12.5

- **Bug->** Fixed bug in "Update database from drawing" where if "Ask user" option is checked the remaining update is skipped.
- **Bug->** Same as above but for Excel files.
- **Bug->** Fixed exception in the Search and Replace Points dialog that occurred when using the Selected Shapes option.
- **Bug->** Fixed issue where EON was not reported as a warning.
- Added additional code to enable F2, DEL and INS keys to work within the anchor windows properly.
- **Change->** Updated mapping settings to reflect proper terminations for RED, REDS, WED and WEDS.
- **Bug->** Fixed issue where Shape Drop Options were not being saved.
- **Added->** Added additional check in DDC Explorer to trap for bad point type when prefixed with device ID.

## Version 7.10.17

- **Bug->** Fixed DDC Explorer sequential writes check missing the case when the first two references to a point are writes.
- **Bug->** Fixed Point Editor (standalone and built-in versions) problem opening VLX databases.
- **Bug->** Fixed issue with Point Editor not enabling database controls after copy to clipboard command.
- **Bug->** Fixed issue where I/O Tabs were missing from Point Reference section of DDC Explorer when no other source was being used.
- **Bug->** Fixed issue in Point Tables toolbar menu where selections needed a Device Block shape selected to enable menu items.

## Version 7.10.6

- **Bug->** Fixed issue where linked Access and Excel files were "unlinked" when changing drawing windows.
- **Bug->** Fixed missing DDCbar toolbar and menu when two documents were opened simultaneously.

## Version 7.9.28

- **Bug->** Fixed issue in DDC Explorer that would occasionally mistake two shapes for each other. This bug affected only the larger DDC drawings.
- **Bug->** Added better exception handling for removing VisualLogic toolbar from Visio user interface.
- **Bug->** Fixed issue that forgot to copy Excel point files from Templates folder when creating a new linked Excel point file.
- **Change->** Improved point reference decoding of points when using lookup and fetch descriptor commands.
- **Change->** Removed word wrap in Point Reference Build dialog box. Allows pasting without having to edit list.
- **Bug->** Fixed Compare dialog box path names.

## Version 7.9.4

- **Bug->** Fixed issue where DDCBar could lose the stencil mode when changing drawing windows.
- **Bug->** Fixed issue where DDCBar would give error message about Acad2DDC path in Preferences dialog.

## Version 7.5.3

- **Bug->** Fixed issue with the Connect accelerator key (Shift+Ctrl+C) causing shapes to be connected in a random manner.
- **Bug->** Fixed issue where the text was cut off in the status bars of the modal dialog boxes.

## Version 7.4.19

- **Bug->** Fixed issue where enabling the option *Load DDCbar each time Visio starts* after it had been disabled deleted all automation settings from the DDCbar.dat file.
- **Bug->** Fixed issue where the Point Save from DDC Explorer to a database file would overwrite the descriptors of the points in the database even when the option was selected not to.
- **Bug->** Fixed issue where the Point Save from DDC Explorer would occasionally hang when processing points with device ID prefixes.

## Version 7.3.12

- **Bug->** Menu and toolbar trashing with other Visio solutions has been reduced.
- **Bug->** Tweaked VSL addon code to fix a couple of unhandled exceptions.
- **Bug->** Fixed problem with closing DDCbar Preferences dialog when you are not using Acad2ddc.

- **Bug->** Removed mdb files as a choice when saving DDC Explorer points (not needed and caused exception).
- **Bug->** Fixed grayed out menu item "Run script" when no shape was selected.
- **Bug->** Fixed missing Zone Custom Points in the Ibex Style section of DDCbar Preferences dialog box.
- **Bug->** Fixed problem with Ibex Style edits not allowing you to save in the DDC Preferences dialog box.

## Version 5.6.11

- **Bug->** DDCbar's Visio menu and toolbars have been tweaked to correct problem with VisiLogic crash with BACTalk 2.0. See the FAQ file for details.
- **Bug->** Stencil setup Wizard has been tweaked. There were reports that the "Finish" button would occasionally not be enabled.

## Version 5.6.3

- **Bug->** Fixed file extension used for Bactalk Builder export (glb changed to gbl).
- **Bug->** Fixed headers in DDC Compare report (Point value column was missing header).
- **Added->** DDC Explorer support for Data Writer.

## Version 5.6.2

- **Bug->** Fixed check for writing to AV-50 to AV-89 in DDC Explorer

## Version 5.6.1

- **Bug->** Fixed issues in DDC Explorer Point Export to Bactalk Builder.
- **Change->** Renamed DDC TEMPLATES folder to TEMPLATES. Now it can be found by DDCbar!
- **Bug->** Fixed DDC Explorer toolbar wrapping problem.

## Version 5.2.4

- **Bug->** Fixed Sequence Dialog Cancel command to actually cancel the operation. How did this get by me.

## Version 5.2

- **Bug->** Fixed issue with DDC Explorer using point table text from another open drawing when populating In/Out tabs.
- **Bug->** Fixed issue with Shape update feature not listing any device that has no master in the local stencil.

- **Change->** Changed ddcbar.dat file to reflect BACTalk stencil shape SUB CALL being changed to SUBCALL. The dat file supplied with this version of DDCbar must be used. Do not use previous versions.

## Version 5.0.0

- **Bug->** Fixed issue with DDCbar not recognizing lbex and Global points with leading zero.
- **Bug->** Fixed issue with writing lbex VisualLogic sequence numbers as numbers during use of sequencing utility. This caused VisLogic not to compile DDC. DDCbar could still compile the drawing correctly.
- **Bug->** Fixed issue with DDCbar not compiling large TDC files.

## Version 4.0.2

- **Bug->** Fixed access violation error on Visio shutdown
- **Bug->** Fixed problem of DDCbar sequencing lbex VisualLogic as numbers instead of strings in Sequence dialog and Shape Drop
- **Change->** Removed text protection from dbShapes device TRANSFER TABLE.
- **Change->** The Standalone Subcaller shape of dbShapes.vss has been modified. The flag to allow you to protect the text was set by default. This caused the AutoCad and DDC import routines to crash when they tried to add the parameter text.