

## Vectorworks 2019 Service Pack 6 Release Notes (2019 12 20)

### Divers

4984 Les jeux d'attributs « SFB existant » et « SFB démolition » sont incorrects

### The following issues were addressed for Vectorworks 2019 Service Pack 6.

VB-162655	Crash:NNAOIPPopUpButtonCompositeWidgetBase popUpButtonChanged
VB-163971	Project Sharing: Project File is completely blank
VB-164156	Add or Clip Surface not correct on Revision Cloud
VB-164501	Depending on the setting of "Detail Level" in Viewport, the display of non-symbols other than 2D component is switched visible or invisible.
VB-164685	Elevation Benchmark text size changes
VB-164754	Multiple View Panes has become very confused in this file after closing some active panes
VB-165408	When [Section Viewport] is executed with [VW-Hidden Line] or [Dashed Hidden Line ] rendering, the text of "Callout" placed on the design layer is not displayed.
VB-165793	Project Sharing - User is able to edit an outdated Title Block Border without Refreshing first
VB-165918	Project Sharing - Missing Objects in Project File
VB-166015	Reproducible Project Sharing async problem because of corrupted stairs
VB-166165	Cannot export door operation type and pset_DoorCommon in one step
VB-166316	Vectorworks crashes immediately on new Surface Pro devices (Ice Lake CPUs)
VB-166552	Data tag associations are broken in the project file after you save and commit duplication of the sheet layer from the working file
VB-166554	Damaged file. Project sharing file constantly failing.
VB-166646	Energos Crash
VB-166663	Acceptance Test Failure: Cannot See contents of design layer in this file
VB-166664	Acceptance Test Failure: Command "Center Drawing on Internal Origin" Crashes VW
VB-166686	Project Sharing: Title Block Border - Beta undo alert and Crash
VB-166688	IFC4 export results in "exploded" ifc model (doors and windows all over the place)

**Vectorworks 2019 Service Pack 5  
Release Notes (2019 11 04)**

**The following issues were addressed for Vectorworks 2019 Service Pack 5.**

VB-147829	Vw crashes when tries to open an old file
VB-155919	Image effects corrupts cropped images
VB-157327	File Conversion Bug
VB-160300	Missed texts when exporting PDF/a files
VB-160638	Crash when activating Design Layer
VB-160882	Space Contour Lines Fail to Show Pen Opacity
VB-161055	By Instance setting for Space object 2D Boundary settings not working as expected
VB-161184	Invalid undo in mtextur pio
VB-161329	Space Label Fails on Auto-Bounded Spaces in SP4
VB-161489	VGM: Ghost viewports when zooming on sheet layer
VB-161792	Space : paint bucket mode fails in rotated plan view
VB-161850	IFC Mapping lost and cannot be re-mapped again
VB-162731	Imaging in Catalina needs "wake up"
VB-162744	X Coordinate Not Visible in The OIP
VB-162820	Snapping points flicker wildly when X-Ray is on (macOS Catalina Beta)
VB-162822	T-key acquisition of smart points does not work (macOS Catalina Beta)
VB-162914	Crash when adjusting wall thickness and window sill is set to timber
VB-163179	You can open a file while a dialog is open on Windows
VB-163224	Crash in GeoLib.cpp: QuickSineDouble
VB-163622	Component View Tolerance Threshold
N/A	(Fixed in SP5.1) A library that was incompatible with macOS 10.10. This should have no effect on any other system.
N/A	(Fixed in SP5.2) Users may see "Beta Undo Alert" messages
VB-164156	(Fixed in SP5.2) Add or Clip Surface not correct on Revision Cloud
VB-158558	(Fixed in SP5.2) Grip points don't move with Slab when moved from Object Info pane
VB-165235	(Fixed in SP5.3) Memory does not get released after zooming
VB-165301	(Fixed in SP5.3) Memory Leak while working file with SP5.2
0000	Portes et Fenêtres / conversion d'objets de la version 2013

**Vectorworks 2019 Service Pack 4.1**  
**Release Notes (2019 08 20)**

Outils Menuiserie extérieure/intérieure

- 4715 Vue 2D étrange dans une fenêtre Hobbiton
- 4814 Les attributs graphiques changent de façon aléatoire lors du changement de dimensions dans la palette Info objet
- 4817 Changement de dimension dans la palette Info objet change le verre en noir
- 4819 Une fenêtre de coin dans un mur remodelé a une forme étrange, les poteaux d'angle restent
- 4787 Changer l'épaisseur derrière une division bug
- 4847 Une fenêtre d'angle se rétrécit lorsqu'elle fait partie d'un coin intérieur.
- 4836 Feuillure incorrecte dans une fenêtre
- 4837 La modification des valeurs d'infos objet modifie de manière aléatoire les attributs graphiques
- 0000 Correction de la lenteur de l'outil

**Vectorworks 2019 Service Pack 4**  
**Release Notes (2019 07 03)**

**Outils Menuiserie extérieure/intérieure**

- 0000 Nouveau: chambranle de l'outil Menuiserie extérieure, options supplémentaires
- 3970 Attributs graphiques du seuil rectangulaire et de l'appui avec larmier permutés dans jeu SFB (aluminium)
- 4376 Le contenu de type Vitrage n'apparaît pas correctement
- 4423 Classe Vitrage dans jeu Int\_Jeu SFB (aluminium)
- 4503 Visibilité des classes dans IntWD\_Jeu SFB
- 4117 Plantage si l'on coche l'option « Dessiner case » avec plusieurs cases
- 4752 Conflit entre Chambranle et les fenêtres angulaires/qui prennent tout le mur
- 4754 Le seuil (dalle) ne fonctionne pas sous une porte à galandage
- 4755 S'il n'y a pas de côté vertical, VW plante à l'ajout d'un chambranle
- 4748 Champ « Largeur ext/int » grisé pour le chambranle
- 4747 Seuil extérieur avec arrondi > plantage
- 0000 Valeurs négatives pour étiquette du point d'insertion (X/Y)
- 0000 Seuil (dalle) en 2D: devanture du mur disparaît si porte intérieure
- 4732 Fenêtre ronde
- 4703 Partie de mur avec chanfrein
- 4707 Les seuils des fenêtres arrondies apparaissent de façon erronée
- 4718 Le raccord de mur de type 5 donne une géométrie non désirée
- 4713 Problème fenêtre ronde
- 4691 La feuillure d'une fenêtre/porte horizontale pivotante n'est pas créée
- 4690 Partie de mur avec chanfrein découpée de façon incorrecte
- 0000 Découpe de coin redéfinie uniquement pour la 2D
- 0000 Découpe de coin supprimée
- 0000 Suppression du chambranle sur le coin d'une fenêtre angulaire
- 0000 Parties coulissant à l'horizontale résolues
- 4597 Ouverture en cas d'ajout ou de retranchement d'éléments sculptants
- 4605 Ouverture de mur 3D lors d'ajout d'un élément sculptant
- 4682 Avec le sens d'ouverture pivotant, la porte se retrouve en dehors du cadre
- 4668 Lorsque l'on coche l'option « Dessiner section », la largeur du cadre de la case double
- 4636 Profil du linteau visible
- 4667 Représentation 2D dans une vue de face pour les volets roulants
- 4674 Rectangle bizarre dans les portes coulissantes
- 4231 Épaisseurs de trait des composants de mur incorrectes
- 0000 Décalages des seuils résolus pour les arrondis/chanfreins
- 4730 Décalage du seuil intérieur

**Divers**

- 4618 Palettes de couleurs (versions françaises)
- 4602 Bibliothèque de symboles Plan électrique
- 4724 Message d'erreur étiquette d'espace
- 4654 Plantage de l'outil Descente des eaux pluviales
- 4767 Traduction dans import IFC
- 0000 Modèles Intérieur

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#### The following issues were addressed for Vectorworks 2019 Service Pack 4.

VB-81370	No Dutch Hip on certain roofs
VB-92786	Section VP will not display planar hatches
VB-93670	Object highlight, object handles, data bar flashing
VB-97062	Smart Cursor Settings Dialog's "Distance" Settings Get Reset to "0" When Dialog is Cancelled
VB-98150	Vectorworks crashes on deletion of a Design Layer within the test file
VB-98798	Horizontal SVPs do not update when section lines are moved.
VB-100680	The bounds shown for a Surface Array object during 3D flyover using Control + left click are too big.
VB-101574	Heliodon preview will not sync between different layer scales
VB-102368	Hybrid Symbol, "Hob Gas 595x530" becomes corrupt, when exporting back to Vectorworks 12
VB-102490	VS hRotate() causes symbol to change 3D planes
VB-103840	Zooming on Tiled Auto-Hybrid Object Appears Choppy within Test File
VB-104929	Snapping does not work in OpenGL for Rotate Tool - Alignment Rotation mode
VB-105436	Auto-Hybrid - Fails to export in IFC when inside a symbol
VB-106878	Undo Crash With Cropped Layer Link
VB-107819	CropImg: If you edit a crop in a 3D view, the feedback is not correct
VB-108019	Simple Line Styles (dashed) "fuse together" and appear solid on screen.
VB-108072	CropImg: Double-click on Cropped Bitmap fails to enter Edit Crop mode.
VB-108092	CropImg: SHow others does not work in Edit Crop Mode.
VB-108099	Planar Object Desappears While Zooming when Used as a Crop
VB-108155	CropImg: Cropped Bitmap does not draw on gray layer.
VB-108173	CropImg: If you delete the crop inside Edit Bitmap Crop mode, the screen does not get refreshed fully.
VB-108262	CropImg: Push Pull works on Cropped Bitmaps. It should not.
VB-108303	The HighLight Selection Box is inconsistent with some of the Shell Object.
VB-108400	Too Much Preselection Highlighting Present in OpenGL with Objects Grayed Out
VB-108429	Rectangular Marquee Selection Causes VW To Crash Within Test File
VB-109018	set planar object screen plane fails (ovPlanarObjIsScreen)
VB-110497	Crash while using Pan tool in OpenGL mode.
VB-110510	Reshape tool - Moving a Groupnode with 3D objects using Marquee does not draw the 3D objects in the new location.
VB-110724	Walkthrough Tool: Pressing modifier to look around keeps walking if it is pressed while walking.
VB-112587	Zoom Percentage Fails to Update in Un-Cropped Perspective Views
VB-112921	Refresh Problems With The Grid
VB-113967	Decimal Precision Sometimes Changes on Mirrored Polygons (Mac Only)
VB-115028	Invoke Zoom in VP Annotations Crashes
VB-115513	Section planar graphics change fill color when 2014 file is opened in 2015
VB-116085	Rotated top view is not displaying in Standard view pull down menu.
VB-116196	3-D Hatches in hidden line viewports should not be selectable
VB-116429	Hatch lines missing on roof face
VB-116811	Zoom tool single click mode not working on Windows
VB-117272	Hidden Line Rendering Shows Extra diagonal Lines rendered withn 3D Model
VB-117309	Selection Indication Flashes.
VB-117553	OnDeleteDelete association does not work
VB-117610	Movie export re-renders main screen for every exported frame, resulting in very slow export process
VB-117653	Top/Plan Graphics and Plan Orientation Fail in Complex Test File
VB-117858	Unable to open an exported Solar Animation movie. (Heliodon)
VB-118244	Editing inside group is redrawing the screen 100 times
VB-118892	Significant Drop in Pre-Selection Frames per Second
VB-119485	Door geometry fails to export properly to IFC
VB-119650	'Simple Beam Analysis' test file crashed on open once on my mac10.7.5
VB-120151	IFC: Incorrect export of window sill geometry
VB-121615	Tiny Geometry Appears While Zooming in Viewport Crop (Regression--Mac Only)
VB-121853	VW Crashes When Selecting Round Walls
VB-123819	Objects within clip cube Shift after Creating Section Viewport and Returning to Design layer
VB-125588	Export 3D PDF error
VB-125599	A filleted extrude has holes on the corners when exported to a 3D pdf
VB-126350	Export 3D PDF is missing from the Export Menu

VB-126706 Subdivision: Asymmetric Scaling does not work correctly.  
 VB-126970 Application crashes if you attempt to add a new working plane without an open document  
 VB-127422 Ungrouping Section Lines Gives Different Results Based on their Direction  
 VB-129095 Vectorworks Very Slow When Creating a Sheet Layer Section Viewport Rendered in Hidden Line (with 'Display Planar Objects' enabled)  
 VB-130266 Point Cloud Plug in Causing VW2016 to Crash on Load  
 VB-131940 VW Crashes after Changing Roof Edge Shape and Performing Undo operation  
 VB-134287 Cropped Viewports are difficult to select  
 VB-135942 File Corruption after "saving as" with this File  
 VB-136296 SpaceNavigator- View Reverts to Top/Plan Using Object Mode Navigation  
 VB-137241 Nav Graphics = Best, Black & White Only pref fails on referenced viewport  
 VB-137646 add vertex to extrude along path causes crash  
 VB-137871 Convert Planting Area changes all hatches are changed to solids  
 VB-138081 Corrupt Grade Objects  
 VB-138870 Existing Tree german customization not working  
 VB-138950 Open Recent Bug in Workspaces  
 VB-139104 The file name is not displayed completely in "Open Recent" command menu.  
 VB-139536 Exported PDFs Considerably Larger in 2017 SP2 vs 2016  
 VB-139691 Wall inserted objects; attached record not visible  
 VB-139701 Class Visibility Issues with Wall Style Components  
 VB-139746 Worksheet function GETSPACENUMFOROBJ and GETSPACENAMEFOROBJ very slow  
 VB-139931 In Create Interior Elevation Viewport, script error occurs due to the 5c character.  
 VB-139998 Immediate crash on Windows 7 - Klick with middle mouse button  
 VB-139999 Elevation of objects in walls not correct  
 VB-140009 IFC Export: Auto-Hybrid objects are moved to the origin  
 VB-140019 Symbol Preview for Active Symbol Does Now Work.  
 VB-140036 IFC import - solid subtraction breaks after editing  
 VB-140165 Export DWG missing objects - VW2017 SP2/SP3  
 VB-140177 DWG Import crashes VW  
 VB-140194 There is no bottom face of the first step of created circular stairs  
 VB-140228 Landscape Area - Inconsistencies with OIP 'area' value and plant 'count' vs plants displayed  
 VB-140239 Export of Symbols with "Wall Hole Components" to IFC / No.1  
 VB-140256 Ifc COBie Export; IfcFurnishingElementType COBie ToolKit Error  
 VB-140356 Save and commit with release crashes  
 VB-140380 DWG Import Fails to import 3D objects in 2D/3D Only  
 VB-140390 Replace Symbols Doesn't Replace Record Formats in 2017  
 VB-140430 Dragging A Marionette Node Into The Drawing Area Crashes Vectorworks(Mac Only).  
 VB-140442 About Export Web view, Objects that set the texture displayed black when outputting locally or exporting in preview.  
 VB-140445 DWG Import Crash  
 VB-140461 Multiple Space Labels Break After SP3 Update  
 VB-140466 Characters that behind a particular code character in SJIS display incorrectly after copying and pasting.  
 VB-140468 IFC Model displays with bizarre extrudes when referenced  
 VB-140495 Unprompted Extrusion of IFC-based 2D/3D objects  
 VB-140497 Performance (navigation) problem of DLSVP because of in wall rotation option of hatches  
 VB-140499 VGM "Best performance" run out of memory when DLSVP are visible  
 VB-140515 Import DWG into Working file crashes VW  
 VB-140520 ExtVFuncPlantRoutines.cpp: Hardcoded strings have Mac encoding, but should be Unicode  
 VB-140549 Using REPLACE in the OIP doesn't replace truss record info  
 VB-140567 Lighting Instrument moving - Bug ?  
 VB-140600 Data loss when converting localized pre-2017 German plants  
 VB-140610 Export Database doesn't work if Record Format is in a folder  
 VB-140613 Enable Cut Plane shows curtain wall wrong  
 VB-140614 Crash may occur when replacing wall styles reiteratively.  
 VB-140618 Caching Issue in both Design Layer and Viewports  
 VB-140628 Dimensions don't display correct values of German doors and windows  
 VB-140657 Curtain Wall looks wrong as soon as layer cut plane is turned on  
 VB-140709 activate more than one in a wall inserted PIOs do not allow to edit attached record format  
 VB-140734 Crashing roof  
 VB-140788 Localization bug of Fixture mode in german version  
 VB-140873 Landscape Area localization issue with german Umlaute in Plantdatabase  
 VB-140889 Crash when importing a DWG file

VB-140905 Interactive display/cursor is broken for dragging a screen plane object in 3D view  
VB-140946 When showing the resource browser from the OIP, selecting view options dismisses the browser window  
VB-140956 Cable Tools Labels Not Aligned with Polyline  
VB-140964 VW crash caused by LineType while Zooming  
VB-140982 Rotate a group with a dimension leads to a broken dimension  
VB-140985 Crash while zooming  
VB-141003 DOM: Project Sharing lck File keep blocking vwxp  
VB-141019 The attached DWG file crashes VW immediately upon trying to import it.  
VB-141026 Not possible to duplicate a wall style  
VB-141028 Ceiling Grid tool has no default IFC tag and does not export  
VB-141054 Export EPS created too thin lines.  
VB-141120 corrupt file displays layers at wrong levels  
VB-141134 crash in ModernTools.Cursor  
VB-141181 Vectorworks crash after calling gSDK->ConvertObjectToPolygons  
VB-141196 Export IFC: Symbols with mirrored content get mixed up in IFC  
VB-141198 Export IFC: Mirrored symbols gets mixed up in IFC  
VB-141225 Walls don't export to IFC when on roof layer  
VB-141276 About SG: The license may not be released and the correct number of clients may not be started.  
VB-141315 Vectorworks crashes if you click Cancel button in the Detail Callout Graphic Options dialog  
VB-141335 Can't import this ifc-file  
VB-141349 DWG Export - Problem with linestyles in SLVP  
VB-141456 Workgroup reference cache 12 GB data size  
VB-141517 Slabs change shape when association with walls is lost  
VB-141586 VWX files getting alot bigger with SP3.  
VB-141935 Changing layers of many objects at the same time causes Vectorworks to crash.  
VB-142059 Export PDF Causes Bloated Files When Exporting Grayed DLVPs with "Black and White Only" Enabled  
VB-142105 VW crashes when trying to import 1 DWG file using the import one or more files command.  
VB-142177 Project Sharing: SDK changes to FormatNodes are not committed  
VB-142973 IFC: IFC\_SetIFCScheme() appears not to work properly  
VB-142980 FS: Export IFC leads to immediate crash  
VB-145698 Libraries that contain umlauts cannot be downloaded and unzipped correctly  
VB-145910 Performance problem of data visualization  
VB-145962 Project Sharing: Door CW Style information are not committed

## Vectorworks 2019 Service Pack 3.1 Release Notes (2019 04 29)

### Menuiserie intérieure/extérieure

- 4348 Plantage lors de la sélection de croisillons (type 3)
- 3876 Possible de lier une fenêtre de projet à une autre fenêtre de projet
- 4202 VW2019: Possible de lier des fenêtres de projet à elles-mêmes ou à d'autres fenêtres de projet
- 4352 Impossible d'ouvrir les fenêtres coulissantes dans VW2019
- 4294 Certains composants de murs ne sont pas découpés
- 4265 L'outil Menuiserie extérieure fait planter le programme
- 4266 L'outil Menuiserie extérieure fait planter le programme
- 3924 Une porte sectionnelle horizontale crée une section oblique pour les contenus de section de type Vitrage
- 4189 Mouvement d'ouverture incorrect pour une porte/fenêtre sectionnelle horizontale
- 4377 Affichage incorrect des fenêtres et portes pivotantes si ouvertes en 3D
- 3615 Le raccord de mur de la menuiserie extérieure se prolonge jusqu'en dessous
- 4365 Types supplémentaires de volets
- 4073 Améliorations des extrémités de mur
- 4231 Épaisseur de mur incorrecte pour les composants de mur
- 4417 Les croisillons de la fenêtre/porte se trouvent hors de la zone d'ouverture si l'objet est ouvert à 90° dans une vue 3D
- 4415 Fenêtre de projet: impossible d'utiliser des favoris pour les raccords de mur
- 4296 Affichage incorrect de la boîte de dialogue si sélection d'un niveau sans calque
- 4419 Vue et affichage 2D des traits des composants pour l'outil Menuiserie extérieur et ordre d'empilement graphique
- 4380 Affichage incorrect du seuil et des raccords de mur à cause de l'ordre d'empilement
- 4071 Retranchement du seuil intérieur
- 4102 Les seuils intérieurs ne doivent pas être dessinés en dessous mais bien à l'intérieur de la fenêtre
- 4185 Seuil non découpé du mur
- 4230 Apparence 2D du seuil
- 4131 Le linteau intérieur disparaît
- 3070 Nouveau message d'avertissement concernant la classe
- 4441 Nomenclature menuiserie: un message d'erreur ne disparaît pas
- 4442 Certaines fenêtres provoquent un plantage du programme
- 4449 Plantage lors de la conversion d'un fichier 2015 vers la version 2019
- 3974 Fenêtre fantôme lorsque l'on fait glisser l'ouverture de la fenêtre hors du mur
- 4451 VW plante à l'ouverture d'un document spécifique
- 4218 Épaisseur supplémentaire grisée pour les connexions de coin
- 0000 Épaisseur supplémentaire grisée pour les connexions de coin
- 3897 Préférences du chambranle
- 4347 Les fenêtres font disparaître les murs
- 4295 Le mur disparaît si l'on sélectionne le raccord de mur 9 ou 11
- 3852 Prolongement du mur sous l'ouverture de la porte
- 3879 Partie du style de plancher comme seuil sous une porte intérieure
- 4273 Seuil: le mur disparaît avec l'arrondi 1
- 4410 VW plante si l'on supprime une case
- 4502 Fenêtre de coin: Le montant de coin n'est pas créé correctement
- 4152 Les préférences ne peuvent pas être stockées dans un groupe de travail
- 4455 Les favoris ne fonctionnent pas à partir des dossiers Groupe de travail
- 4481 La sélection du linteau n'est pas enregistrée
- 4426 Données manquantes dans la nomenclature
- 4472 Matériau dans la nomenclature
- 4159 Seuil de type 2: impossible à supprimer
- 4443 Impossible de modifier un élément de menuiserie extérieure de la version 2018 ouvert dans la version 2019
- 4475 Les linteaux intérieur et extérieur ne sont pas joints pour une fenêtre de coin
- 4468 Une fenêtre créée dans la version 2019 avec une case qui est deux fois plus large qu'un montant fait planter Vectorworks
- 4464 Le point 2D des composants 2D des fenêtres/portes se trouve au mauvais endroit
- 4513 Zone de sélection de la fenêtre trop large



4515 La feuillure ne fonctionne plus correctement lorsque l'on modifie un élément de menuiserie extérieure  
4341 La feuillure ne découpe pas le cadre  
4547 Ressources supplémentaires pour les seuils intégrés au plancher  
4529 Le linteau ne crée pas de découpe dans le mur.  
4535 Le seuil n'apparaît pas correctement en 2D s'il est combiné avec un raccord de mur de type 5.  
4545 Deux morceaux de plancher sont créés si l'on utilise un plancher comme raccord de mur.  
4543 VW plante lorsque lors de l'édition d'une fenêtre.  
4510 Hauteur de coupe d'une fenêtre de coin  
4575 Correction des appuis du seuil extérieur  
4561 Affichage Plan 2D incorrect du raccord vertical de type 5  
4567 Affichage Plan 2D incorrect des fenêtres chanfreinées  
4568 Découpage incorrect pour les connexions de coin verre/verre des fenêtres en coin  
4579 Affichage incorrect du verre pour les connexions de coin  
3965 Boîte de dialogue d'aperçu des attributs graphiques  
4570 VW plante avec une géométrie de fenêtre spécifique

#### Divers

3632 Classe anglaise dans Jardins.vwx  
3981 32 baies dans murs intérieurs-étiquette ajoutée dans le modèle des classes et des calques  
4300 Styles de mur intérieur  
4524 Commande de menu « Afficher » dans la configuration Studio SP2

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### The following issues were addressed for Vectorworks 2019 Service Pack 3.

VB-49095 Gable fails to work on simple roof  
VB-79079 ConvertToPolygon() & ConvertToPolyline() are inconsistent  
VB-92297 Space object eyedropper modes being reset when using <space bar> pan/boomerang mode  
VB-105218 Objects Shift Origin when Editing Symbol Composed of Space Object and Surface Array  
VB-106801 Some solids render as hollow shells when 3d geometry is too layered  
VB-112574 Clip Cube is Unexpectedly Enabled When File is Opened  
VB-116976 Auto-Bounded Slab Shows Incorrect Geometry After Edge Offset is Applied  
VB-122015 Scaled Symbol Instances Render as Un-Scaled in Hidden Line, Polygon, and RW Modes  
VB-127993 Roof Face - turning off the primary class doesn't change visibility in 2D, but does in 3D  
VB-129545 Split Tool: Vectorworks crashes after splitting a subtracted plug-in objects  
VB-130140 Roof Components Fail to Show in OpenGL/Wireframe After Editing Roof  
VB-138176 NURBS Surfaces do not render properly in scaled symbols  
VB-138608 Create plot and model view creates viewport with incorrect boundary  
VB-139381 Duplicate Along Path Spacing Fails With Complex Polys-PR8394573  
VB-140282 At least for the worksheet the attached file, text find & replace fails  
VB-140297 ZSys record created with no name  
VB-140644 Segmented fence has artifacts in plan view when first and last segment is the same length.  
VB-142125 Spotlight Lighting Devices are only selectable via their insertion point  
VB-142715 Space: Incorrect Net boundary polygon.  
VB-143861 House Model Not Exporting Properly to IFC  
VB-144108 About Export Panorama, "save on" pulldown change to Cloud Service Storage.  
VB-144240 Braceworks: Move Truss System is not working with Lighting Positions and Lighting Devices  
VB-144490 Editing roof gives the error says failed to create a roof  
VB-145626 VW 2016 file crashes VW 2017 and 2018  
VB-145948 Hardscape border background color mismatch in settings dialog and when creation of object  
VB-146529 Multi-View - Class Visibility Fails in One Pane After Changing Visibilities in Another Pane  
VB-147125 Roof Cut Problem  
VB-147358 Roof Dormer geometry issues  
VB-147455 Revit file does not properly import  
VB-148008 Clip Cube State Fails to Get Saved with File When Activated Via Saved View  
VB-148431 New Title Block: still faulty folding marks for ISO sizes  
VB-148577 Editing a viewport crop changes design layer from screen plane to layer plane  
VB-149516 Sheet Revision Log - Scale Column

VB-149622 MVR scaling issue  
 VB-150301 Impossible to localize Adjacency Matrix string  
 VB-150385 Alert Needed When Pasting Planar Objects Into Swap Graphics Mode (Click-Selection Fails)  
 VB-150428 Updating Clip Cube Viewport Causes Clip Cube to Get Enabled on Design Layer  
 VB-150489 Copy/Paste Fails Between Symbol's 2D and 3D Components  
 VB-150847 Spotlight Lighting Devices are only selectable via their insertion point  
 VB-150857 Crash when opening file  
 VB-150893 Lighting device is attaching to the wrong hanging position  
 VB-151035 Visibility issue  
 VB-151089 VS / Python: vs.SetParent() should work with resources and resource folders  
 VB-151541 Sheet layer bitmaps showing inconsistent alpha and background color  
 VB-151698 VW crashes when you connect objects with Connect/Combine tool  
 VB-151793 Page based symbol - visualization problems.  
 VB-152036 Space Style Issues  
 VB-152163 Dimension jumps when using the move command with a 2D reshape marquee  
 VB-152335 In Edit Texture dialog, changing "Size" does not affect the preview display.  
 VB-152685 Plugins Show Top Graphics from Inactive Detail Levels  
 VB-152919 Fit To Object doesn't work  
 VB-153056 Editing Groups with different LODs in Symbols  
 VB-153090 Hidden Object Display Fails When "Display Planar Objects" is Enabled and Symbol Exists in File  
 VB-153154 In Space Settings dialog, Styles stored in Vectorworks Libraries are not referenced.  
 VB-153326 Section Viewport's "Merge Cross Sections" Option Not Working Properly in VW2019  
 VB-153379 Space: Problems with Style dialog  
 VB-153463 Roof Face Object With Circular Edge Modification Disappears in Top/Plan View with a Vertical Eave Cut  
 VB-153501 Marquee Reshape of Chain dimension in plan rotation does not work properly  
 VB-153503 Vision Acceptance Test - test 32 & 33 get stuck on the tilt spin  
 VB-153645 Round Wall starts with 360deg sweep Angle  
 VB-153657 Texture Mapping Tool on Floor Slabs causes problems and crash  
 VB-153674 PDF Stamp Annotations Show Incorrectly on Windows  
 VB-153676 PDF Pages Show Graphics Incorrectly in VW 2019 on Windows  
 VB-153699 X-Ray Fills Fails on PDF Page Objects in VW 2019  
 VB-153732 Spelling Errors in the 3D Boundaries tab of Space Settings  
 VB-153745 Hardscape Border Textures  
 VB-153790 Space label alignment becomes off when you mirror a space  
 VB-153795 Space Edit Gross Custom does nothing  
 VB-153796 Space Show Contour doesn't appear to do anything?  
 VB-153830 When creating a top rail with a custom profile, it rotates 90 degree.  
 VB-153889 bumping against page edge doesn't cause page to pan  
 VB-153938 VW2018SP4 CRASHES the 13th time the WinDoor 'Settings' dialogue is opened to the 'Pens and Colours' section  
 VB-153962 missing space styles in popup resource manager  
 VB-154044 \*convert Copy to lines Causes crash in this file in ConvertToBSPListFunctions::GetHatchForObject  
 VB-154082 Styles fail to show in replace style of space objects in object info palette  
 VB-154085 Stacking diagram fails to show the values and object appears too large when placed in the drawing  
 VB-154121 Color change when pasting to older version of VW  
 VB-154146 Navigation Graphics Best Performance: Page Based Symbols display at wrong scale in viewport annotations  
 VB-154178 Mac 10.14 Mojave Only: Worksheet cell images printing within dark filled box.  
 VB-154194 10.14 problem printing transparency  
 VB-154215 'Fit to Objects' Fails On Space Objects When "Show 3D" Option is Enabled  
 VB-154276 RW styles with edges don't show image backgrounds in Viewports  
 VB-154320 Screen does not auto scroll when moving objects past the edge.  
 VB-154380 Can't change planar object to "Symbol Definition" inside 2D component of symbol  
 VB-154429 Two typos in Series G (Site Protection)  
 VB-154463 Test file - Hardscape does not appear in 3D views  
 VB-154469 Custom Space Name not available in Space Style  
 VB-154490 2D Components: Detail Level display incorrect while editing groups in a 2D component  
 VB-154494 Railing Attributes of 3d components fail is set by class  
 VB-154505 Converting unstyled walls to Story Bounded walls shows line type wall in 3d views  
 VB-154523 SDK - Missing events of grouped plugin objects when changing layer via object info palette  
 VB-154533 Sheet Layer Viewports of Focused Lighting Devices in Design Layer Viewports Incorrect in 2019  
 VB-154586 VW hogging memory with MAC, when opening Worksheet

VB-154598 Grouped Objects Show the Wrong Detail Level Display in Plan View  
 VB-154632 Landscape Area tag does not work in localized Vectorworks.  
 VB-154661 Plant Catalog not updating  
 VB-154677 Section Viewport unable to be created-PR8393904  
 VB-154682 Room finish schedule on space label is not displayed properly in 2019  
 VB-154701 Elevator: Internal Cap Width/Internal Cap Depth field doesn't apply the values correctly  
 VB-154729 FS: Space - Area and Volume always in mm2 and mm3  
 VB-154745 Railing/Fence Tool with Certain Configurations Causes Hollow Geometry  
 VB-154759 VW crashes when invoking Undo after attempting to create Plant Style from Catalog.  
 VB-154760 Online Plant List Catalog: Placed plant is replaced with a locus after invoking "Create Plant Style from Catalog".  
 VB-154776 MVR export not correct  
 VB-154780 Moving a Hanging Position causes wrong placement of attached Video Screen  
 VB-154795 Project Sharing: Users think they can check out objects inside Symbol definition and Tiles  
 VB-154802 Active use data is not useful for determining concurrent use at activation server  
 VB-154836 view transition doesn't happen when activating a saved view from nav palette  
 VB-154865 If IFC (zipped) file is imported to VW, the objects are not imported.  
 VB-154878 3D geometry is appearing in 2D Edit mode  
 VB-154938 Viewport: Project Screen Objects checkbox different behavior (Win only)  
 VB-154975 If using Fundamental license, the Display with Clip Cube option is not displayed in the Create Viewport dialog.  
 VB-155003 Auto bounding of Spaces and Space links are broken in 2019  
 VB-155006 Railing created with the Create Objects from Shapes fails  
 VB-155015 Crash in DefinitionPreviewIdleTimeRegeneration::HandleRegenEvent found in analytics  
 VB-155025 Instrument summary problems  
 VB-155039 Fit bottom of space to objects does not work  
 VB-155041 Cannot generate 2D from 3D in symbol edit if the 3D is a symbol itself  
 VB-155054 Create Site modifier from polyline changes path in some cases  
 VB-155081 Curtain Wall: Snapping one end to the other end of a curtain wall crashes Vectorworks.  
 VB-155104 Auto scrolling in the drawing window is more difficult in 2019  
 VB-155107 One Time Crash While Editing Drawing Stamp in Title Block Border dialog  
 VB-155120 Walls Fail to Render in Vw 2018 File Opening in Vw 2019  
 VB-155147 Stairs geometry error doesn't seem right  
 VB-155148 Crash in the attached file when using attribute mapping tool for roof  
 VB-155155 Space area is wrong on the OIP  
 VB-155156 Regression - Secondary dimensions show closing bracket  
 VB-155190 PDF import regression: Fails both Mac and Windows but works in 2018  
 VB-155191 The area displayed in the Stacking Diagram becomes a value much larger than the area of Space.  
 VB-155197 VGM: Hatch viewport scaling fails in 'Best Performance'  
 VB-155222 VS Catalogs on custom Pio: crash on Mac upon linking to catalog thru interface  
 VB-155232 2D Components: Edit 2D Component Location Mode: Top Component objects are selectable on screen plane.  
 VB-155236 Fit top of space to objects is not working  
 VB-155276 Cannot automatically attach load object to the hanging position in 3D view  
 VB-155279 Encountered an improper argument error message displays after perform certain steps.  
 VB-155292 Project Sharing - PDF Objects Appear Blank After Changing "Save Referenced Cache" Option  
 VB-155303 PDF Page Objects Cause Drawing Area to Appear Completely White at File Open  
 VB-155334 Design Layer Elevation: missing "story" string  
 VB-155818 Page based symbols in viewport annotations  
 VB-155820 Space Object causing major memory leaks  
 VB-155822 "Generate 2D from 3D Component" Gives Incorrect Results on Some Objects in SP2  
 VB-155838 Drawing Fails in Top Edit Mode for Flipped In-Wall Plugins  
 VB-155868 \*This file crashes in any 3D view and/or when Energos is activated  
 VB-155883 VW2019 SP2 459802 Typo in the "Flip" options in the OIP (Win only)  
 VB-155892 Revit import: There are black textures if you import file created in Revit 2019  
 VB-155893 Flipped Symbol Edit Mode Shows Incorrectly in 2019 When Edited Through Viewport  
 VB-155899 vw2019 Sp2 459802 Can't select two fixtures after using UNDO  
 VB-155903 Geometry fails to show on zoom with in symbol edit mode and after the symbol is edited  
 VB-155909 "Fit to Objects" Fails in VW 2019 When Clip Cube is Enabled  
 VB-155910 Duplicate Along Path don't work with polylines-PR8397543  
 VB-155911 \*VW2019 SP2 459802 VWX closed unexpectedly while trying to use the Spotlight Numbering tool  
 VB-155923 Sheet Layer Viewport Display Issue - VGM?

VB-155932 Data Tag doesn't calculate line, polygon and NURBS curve length  
 VB-155943 Clip Cube Resets to Default Size After Exiting Groups  
 VB-155945 Project sharing assert on EndUndoEvent, after deleting record formats  
 VB-155951 Number of Legs on Stage Decks Not Working  
 VB-155963 In Multiple View Panes, layer of the active pane may not be switched.  
 VB-155965 Two periods (..) in plant 'Spacing' field in OIP causes endless processing  
 VB-155970  
 VB-155975 Hanging Position Summary Shows Error in VW 2019  
 VB-155982 Section Viewport Geometry Stays Visible after Activating the first Design Layer ( Redraw problem)  
 VB-155990 \*VW crashes when invoking the properties of a liner dimension and dismissing it.  
 VB-155995 \*VW crashes when you attempt to render in Hidden line in  
 ConvertToBSPListFunctions::GetHatchForObject  
 VB-155996 Viewport Hatch Line Scale does not work  
 VB-155999 Spotlight Multicable, Include in Calculations option can't be turned off  
 VB-156020 Locally Mapped Hatches Display Incorrectly when Layer Scale is Changed  
 VB-156025 Roof Face Disappears in Top/plan After Edit  
 VB-156031 #IPZ# does not return correct value for slabs(Data Tag)  
 VB-156032 Data Tag: Arithmetic operations do not work for dimension, if the unit mark is shown  
 VB-156033 Data Tag: Arithmetic operations do not work for dimension, if there are brackets.  
 VB-156035 Files are Ending up with Label Legends Displaying Behind the Instruments  
 VB-156042 Data Tag: Arithmetic operations do not work for dimension, if the unit mark is shown and the first value  
 is number  
 VB-156053 Additional data of space object style/instance information shows wrong  
 VB-156060 VWX 2019 SP2 459802 Double clicking to terminate the Spotlight Numbering tool doesn't 'deselect' the  
 numbered fixtures when PAN(Hand) tool is enabled  
 VB-156074 Undo of newly created Property line leaves invalid records  
 VB-156075 Duplicate Along Path Fails in VW 2019--PR8397880  
 VB-156077 Image Effects Get Removed from Image Resources After File is Closed and Reopened  
 VB-156081 Data Tag: Insert Style from Resource Manager uses wrong Settings  
 VB-156089 VW is crashing when initializing the layer list in ObjectViewModel.cpp  
 VB-156096 Position of Crop Marks does not adapt to the position of the Title Block  
 VB-156098 FS: Space loses Substraction Area Infos after changing Units  
 VB-156099 FS: Space - VW Crash with Command: Fit Top of Space to Objects...  
 VB-156104 Crash applying setting to lights  
 VB-156107 Project Sharing - Image Resource Image Effects Fail to Get Committed  
 VB-156121 Title Block Border: Redraw issue when you open Title Block Manager dialog(Win only)  
 VB-156122 File crashes when trying to open within VW 2019 SP1.1  
 VB-156123 Title Block Border: Plot Date Format value doesn't update if you click Cancel in the Choose Date Format  
 dialog (Win only)  
 VB-156126 Highlighting in site model sculptor is not working correctly  
 VB-156133 Resizing Clip Cube is Very Difficult in Certain Views  
 VB-156135 Image Effects "Rename Preset" Dialog Shows Text String Incorrectly  
 VB-156136 Viewport Resolution Fails to Update When Image Effects Are Applied  
 VB-156144 Uncontrollable slab  
 VB-156169 Crash on Set Hanging Point to truss without a Hanging Position  
 VB-156172 Group Texture drop down menu is locked in the OIP Render tab  
 VB-156176 Roof object disappears after edit and can't undo  
 VB-156184 Camera Match: Fine Tune dialog slider control handle is very small  
 VB-156185 Viewports Fail to Reflect Design Layer Changes When Image Effects are Applied  
 VB-156186 Viewports Show as Up-to-Date After Image Effects are Applied  
 VB-156194 PDFs lack anti-aliasing.  
 VB-156204 XM: Added text to a front view of a hybrid-symbol not visible in a SVP  
 VB-156206 Autonumber positions + Spotlight numbering  
 VB-156212 Dragging Bridles crashes Vectorworks.  
 VB-156223 Layer filtering when selecting the already active layer  
 VB-156232 Not possible to create a ifc custom pset via sdk if ifc version 4 is set to standard  
 VB-156235 Orphaned Section Line on design layer not visible in viewports  
 VB-156239 "Batch Convert..." is getting slower and slower and eventually Vectorworks crashes  
 VB-156241 "Replace with Symbol" Command Fails in VW 2019  
 VB-156252 XM: Searching resources should allow finding words that include . or ,  
 VB-156257 VW crashes when you turn on/off roof options.  
 VB-156264 Merge Cross Sections broken by 2D component detail level

VB-156275 \*Sectioning Symbol Sanitary Acc Kohler Vanity K-2732 Causes VW2019 to Crash  
 VB-156278 Custom PSet get lost if the user deletes the VW Database that belongs to a custom pset...  
 VB-156279 Vectorworks crashes when right click on imported image resource  
 VB-156287 Space styles - when you remove 2D boundaries, some parameters get reset  
 VB-156290 Create resource using external image step forces to use external reference as importing parameter  
 VB-156291 DWG Import - Imported Viewports Show Incorrectly in VW 2019  
 VB-156296 \*In Roof, when turning on / off the insertion of "Attic" etc. many times, VW crashes.  
 VB-156304 Import DWG: Center on internal origin fails to refresh ruler coordinates until view change  
 VB-156326 Slab: manual edges won't resolve if boundary have holes  
 VB-156335 2D Components: Changing any 2D attribute of a Plug-in Object instance replaces user defined Top/Plan graphics  
 VB-156336 Applying Image Effect through context menu does not update OIP checkmark  
 VB-156346 Library Content-Object Styles/Space Wrong for Residential Living Room  
 VB-156366 PDF image not appearing in Viewport  
 VB-156367 Open GL will not "Draw Edges" in Viewport  
 VB-156369 \*Replace walls in attached files crashes Vectorworks  
 VB-156375 "Generate 2D from 3D Component" Includes Objects in Invisible Classes  
 VB-156376 Symbols Disappear After Changing Class Visibilities Inside Edit Mode  
 VB-156377 Selection Fails After Editing Grouped Solids Inside Symbol  
 VB-156383 Groups in Invisible Detail Levels are Selectable Inside Symbol Edit Mode in SP2  
 VB-156387 The "Coordinate Display" of the dialog is displayed incorrectly.(Mojave Only)  
 VB-156388 Viewports Display Incorrectly in File Updated from Vw 2018 to 2019  
 VB-156390 Lighting Device with Hanging Position  
 VB-156392 Data Tag - Define Field only working when record is in the default folder  
 VB-156407 \*Attempting to edit a worksheet cell produces a crash  
 VB-156413 Foliage with option "On ground" not working  
 VB-156415 Data tag rotates with the rotated plan  
 VB-156420 Polyline area changes when switching OI Close option  
 VB-156422 Data tag default content - Furniture.vwx needs default text  
 VB-156424 Space's graphic attributes don't hold when converted to a style  
 VB-156428 Cannot place space styles in offline working file  
 VB-156431 Crazy road problem changes active layer Z elevation  
 VB-156438 Spotlight Gobo Slots not showing  
 VB-156442 Regression: Dashed Hidden Line render  
 VB-156447 After publishing of DWG/DXF, DWF opening/closing files crashes  
 VB-156451 View Transition Animation between Saved View is not working  
 VB-156452 When Navigation Graphics are Set to Best Performance the Client File will NOT open in 2019 SP2  
 VB-156453 Some (imported or referenced) PDFs don't display in VW2019  
 VB-156455 VW crashes when editing a tag data of a particular style. (Data Tag tool)  
 VB-156457 In Mojave if you turn off the checkbox in the Create Object dialog  
 VB-156458 In Space Tool, changing Style from Object Info Palette does not update Space Label.  
 VB-156460 The image effect is checked if cancel the image effects and the viewport is updated.  
 VB-156461 Execution of Generate 2D from 3D component does not generate a 2D component.  
 VB-156463 Stair after Ungroup will show the former connected sides as hollow  
 VB-156465 Scrolling by Dragging Object to Drawing Edges no longer works  
 VB-156469 Add... button in assign tags should gray out after it was clicked  
 VB-156472 Invisible (Main) Class in Section Viewport  
 VB-156482 SPOTLIGHT: Creating a new label legend from existing instrument adds another symbol within the newly created label legend.  
 VB-156490 Section VP shows classes that are hidden in that viewport  
 VB-156496 Hidden Line Render Crash With Planar Geometry  
 VB-156500 Crash on Mac and Layer with no name and wrong position of visibility icon on Windows  
 VB-156504 DWG Import - dimension standard is not created properly  
 VB-156506 Conflict dialog for names between Class and Layer Filters  
 VB-156509 Crash opening file, PolyTDHandle with zero vertices  
 VB-156515 Space creation shows empty Net and Gross values when created for first time  
 VB-156526 Bad translation in Title block dialog  
 VB-156539 Railing/Fence Takes on the Wrong Elevation in Recent Builds  
 VB-156543 Duplicate along Path fails in 2019 but works in 2018  
 VB-156547 Replace with Symbol regression  
 VB-156551 Classing of space labels broken  
 VB-156555 Fit Space to objects giving large offset

VB-156557 Styled Space Pen Opacity Not Taking Effect when set by Class Attributes  
 VB-156561 Custom pSets in IFC Mapping crash Vectorworks.  
 VB-156563 Depth setting for elevator isn't responding as expected  
 VB-156565 Switching Between Layers is Much Slower in SP2  
 VB-156566 Railing/Fence Tool Preferences Can't be Changed After Using Style  
 VB-156594 Purge Command Causes Freeze in VW 2018/2019  
 VB-156599 Data Tags used as part of Project Sharing workflow requires odd or excessive amount of checkouts  
 VB-156604 Red snapping highlight not showing on 3D Rotated Hanging Position  
 VB-156605 Trim Tool tooltip typo  
 VB-156614 Lumion Live Sync - Cannot disable Camera Sync  
 VB-156619 Crash on line stretch  
 VB-156620 Title Block Manager Seems to Start Collecting Every File on User's Server  
 VB-156627 Sheet Layer Section Viewport - Class and Layer Visibility fickle  
 VB-156629 A "new" Project Sharing error message shows up after committing successfully  
 VB-156634 You cannot reattach a data tag, if it does not have leader.  
 VB-156646 "Generate 2D from 3D Component" Not Working in Hybrid Symbol using VW2019 SP3  
 VB-156654 PDF Import: pdf v1.6 shown blank with vw2019  
 VB-156658 The setting is not displayed in "Flr", "Base", and "Wall" on the Edit Tag Date" dialog."  
 VB-156667 3D Label Legend Text size and Font changed when adding or removing fields  
 VB-156669 VW freezes after opening the attached file  
 VB-156670 Project Sharing: Data tag is detached from tagged object when it is checked out only(without tagged object to be checked out)  
 VB-156675 Cancel button has a "." after the cancel on the space settings more area settings dialog box.  
 VB-156692 Renderworks viewports render white when compression is JPEG  
 VB-156706 Section edit-in-place is showing objects in invisible classes  
 VB-156709 Pattern fills do not print correctly in Mac OS 10.14 compared to 10.13.  
 VB-156712 Reshape Tool in Combination with 'Move Selection'  
 VB-156719 When setting a Space Style to have all parameters in the Occupancy tab to 'by instance', some fields are still disabled in the OIP  
 VB-156722 Portions of PDF disappears when PDF is moved within the document  
 VB-156723 2D Components: View tolerance angle for displaying 2D components not reasonable  
 VB-156727 Random Crash While Editing Site Modifier within Test File  
 VB-156738 Project Sharing; Commit dialog taking a long time to pop up  
 VB-156743 Symbols are invisible if "Best Performance" is used  
 VB-156746 Page-based symbols wrong in Viewports  
 VB-156747 Exporting to PDF on Mojave. Patterns don't have same quality.  
 VB-156752 Freeze on select extrude along path 10.14  
 VB-156754 Data Tags placed on Design Layer ignore plan rotation - Bug or WAD?  
 VB-156755 Sheet Layer Viewport Opacity not working  
 VB-156768 Nested 2D-Symbol in wall not visible when unified view  
 VB-156773 VW hangs up when you attempt to set fold marks in Title Block Border  
 VB-156777 Multiple projector weight incorrect.  
 VB-156786 Marionette: When using a user origin in a 3D view, extrusions don't extrude in the correct place using Extrude node  
 VB-156804 Roof face problems  
 VB-156807 Roof face joins incorrectly and can't undo  
 VB-156808 Viewport Bug: Active class is affecting viewport update  
 VB-156811 Roof faces show textures incorrectly, and sometimes disappear altogether  
 VB-156816 Railing Fence, Posts disappears after top rail is selected( Regression?)  
 VB-156822 Text missing from section viewport render  
 VB-156833 Space Volume not correct in the attached file  
 VB-156838 Check Spelling Command not working in german Vectorworks (Windows only)  
 VB-156854 Conversion of german title block faulty  
 VB-156870 \*TaperBody crashed  
 VB-156877 Walls not converting from 2018 to 2019 SP2 on this multistory building  
 VB-156901 Moving walls causes VW2019 SP2 to hang  
 VB-156904 Page Setup: Printable Area, ISO sizes are incorrect  
 VB-156905 Class visibility fails in one pane after changing visibilities in another pane  
 VB-156906 create a complex linestyle -> the program crashes  
 VB-156909 PDF-File into the annotations of a Viewport / shows incorrect--Regression  
 VB-156911 \*Create complex Line-Style / VW crash  
 VB-156923 Load objects not attaching to hanging position in a layer with elevation in 3D

VB-156956 elevator / error in 'Internal CAB With' and 'Internal Cab Hight'

VB-156959 Resource Manager: Dragging several resources will only move one, leave others in place

VB-156966 Performance redraw issues

VB-156995 No refresh of the Worksheet Functions "GETSPACENAMEFOROBJ" and "GETSPACENUMFOROBJ" after changing of Space Object

VB-157009 Space Area Modifier Name is Spelled Incorrectly

VB-157015 VGM: Page based symbols not scaling correctly in viewports

VB-157018 Page-Based Symbol will not scale in DLVP

VB-157022 SPACE: it is not possible to apply All By Style in the Space Objects Class

VB-157032 Space Label is Causing Major Slowdown

VB-157035 Data Tag "Perimeter" field doesn't update when modifying polygon with Reshape tool.

VB-157036 Title Block Manager - Check / Uncheck Typo

VB-157037 Roof geometry not correct

VB-157039 Vectorworks unable to shed roof with Create roof menu

VB-157041 Project Sharing - Referenced DWGs Appear Empty After Changing "Save Referenced Cache" Option

VB-157044 Selection Highlighting Not Visible at First when Generating 2D from 3D Component within Door Symbol

VB-157049 Drawing Label spacing regression when using this font

VB-157054 Plant Catalog: Selection in the list of the plants changes after you modify value of the plant

VB-157061 File crashes when opened (Mac only)

VB-157062 Command Update Plug-ins Objects crashes when converting VAA Title Blocks

VB-157073 Spotlight Numbering

VB-157095 Viewport: Page-Based Symbols change size with scale

VB-157104 2018 file crashes 2019 upon conversion

VB-157133 Title Border: unable to reset Issue Data to "A"

VB-157135 Stair Riser creates corrupt 3D geometry

VB-157137 Strange Result with Railing Fence Tool

VB-157145 \*Crash when Hidden Line rendering Roof Object in ConvertToBSPListFunctions::GetHatchForObject

VB-157149 Horizontal section not showing dimension text and line markers

VB-157151 DWG export from section

VB-157158 Localized Foliage Tool does not display default symbol.

VB-157165 When running "Fit Top of Space to Objects" menu, top of Space may not fit.

VB-157172 Superscript numbers are missing after convert to 2019

VB-157188 Editing 3D Components in Groups of Symbols causes issues with Selection

VB-157196 Sections: Objects showing in invisible classes when in containers

VB-157200 Viewport Symbol Scaling is broken

VB-157218 OIP Fails on Objects Pasted Into Symbol's 3D Component in SP3

VB-157223 Pasting Objects Into Symbol's 3D Component Causes the Wrong Prompt to Show

VB-157242 \*Minimized Floating View Pane Crashes Vectorworks

VB-157247 Bug in SIA Dimension-Elevation Trailer

VB-157257 Crash when clicking on image attributes button

VB-157264 Export Parasolid X\_T Options is not working.

VB-157271 Data Tag value increases three zeros with Open and Close Edit (Dimension Number Format)

VB-157274 OpenGL Background Render stretching in Section Viewport

VB-157280 IFC: Export Option combination in DataMapping not working

VB-157284 Project Sharing - Crash During Refresh

VB-157285 Vectorworks crash with the attached file, trying to use project tool.

VB-157295 Worksheet Images Fail to Appear When Scale Options Used

VB-157302 Symbol Edit 3D Component, Edit Extrude in Group incapacitates further Editing

VB-157303 2D Objects Fail to Show When Pasted Into Symbol's 2D Components

VB-157304 Auto numbering for Spotlight not incrementing correctly

VB-157312 Revert to Save Crashes Vectorworks [Mac Only].

VB-157314 Patterns in PDF Export display incorrectly on Mojave Preview Application

VB-157325 Object Info Floating Dialogue Text stacking issue

VB-157326 CDR: Worksheets are misplaced when in dwg export.

VB-157331 Toilet Stall Object offsets/flips when exported to IFC

VB-157333 \*Random crash in attached file when using attribute map tool

VB-157343 Master snap point loci are not displayed in Data Tags

VB-157348 Application hangs when using attribute mapping tool on roof

VB-157354 Page-based symbol inside world-based symbol in SLVP not imaging at scale

VB-157355 More redraw issues with Foliage tool in edit modes

VB-157358 Stair creates locus far higher than z-height of stair

VB-157390 Crash in Project Sharing Revert acceptance test on Mac

VB-157392 \*Crashes when navigating to new sheet layer.  
 VB-157398 Empty net and gross values for space object when using create objects from shapes command  
 VB-157404 Railing/Fence Styles Get Deleted from Document in SP3 After Editing Tool Prefs  
 VB-157407 In "Fit Wall to Objects" of VW 2019, there are cases where the wall does not fit the object.  
 VB-157408 Simple Beam command crashes Vectorworks  
 VB-157412 Title Block Manager crashes VW when OK is clicked for external files[Mac only]  
 VB-157418 Revit Import - Symbols are wrongly created (Acceptance test failure)  
 VB-157423 Slab Edge Offset: No Highlight  
 VB-157429 RW camera, Object properties dialog shows blank space when switching to different properties  
 VB-157435 VW Crashes in SP3 When Batch Converting  
 VB-157452 DWG imports ok into 2018, but badly in 2019 and slows the system  
 VB-157454 number 1 on key pad initiates 'text' command  
 VB-157460 Edit roof dialog fails to open in isometric views in 2019  
 VB-157465 Label Legend Alignment Issues when moving to VW 2019  
 VB-157469 \*Update section viewport causes crash  
 VB-157470 Even if dragging object to the edge of the screen, it does not auto scroll.  
 VB-157478 2019-01-18 BUG Reshape Tool- Big range selection by moving the screen  
 VB-157488 Horizontal Section: Create Horizontal Section creates viewport with no graphics  
 VB-157495 Speaker array will not allow dispersion greater than 90 deg.  
 VB-157498 Replace Space Style delete the existing Custom Space Names  
 VB-157499 Binding of roof components to wall components not working  
 VB-157514 Data Tag tool loses precision of number of custom records  
 VB-157516 Vectorworks crash with a specific text character.  
 VB-157517 \*Vectorworks crashes when close Edit Tag Data dialog  
 VB-157520 DWG Export- Worksheet on drawing fails with incorrect rows  
 VB-157522 Page Setup different from design to sheet layer since VW2019  
 VB-157523 Floating Tool Properties palette fields resize when changing checkbox values  
 VB-157533 Crash in TNotify::UpdatePendingRequests  
 VB-157537 Autoscroll while drawing very slow on 4k display or higher  
 VB-157543 Space Object: 3D Boundary Class is grayed even with all parameters set by instance  
 VB-157554 Objects Get Placed on the Wrong Plane When Pasted Into Symbol's 3D Component  
 VB-157555 \*GetObjectVisFlag and SetObjectVisFlag crashed  
 VB-157564 Classes Created in Space Settings Dialog Fail to Take-On Attributes in VW 2019  
 VB-157566 Application crashes when moving multiple objects in the resource manager  
 VB-157590 Clip Tool creates a new object  
 VB-157621 Alert Fails to Show in VW 2019 When Converting Hybrid Symbol to 3D  
 VB-157624 VW Hangs when Updating Section Viewport within Test file (Regression from SP0)  
 VB-157634 If change the Text Scale"" from the "Advanced Viewport Properties"  
 VB-157645 Switching to top plan view while Lumion Livesync is active will cause livesync to terminate  
 VB-157652 Crash in GetObjectVisFlag(DrawingContext&, BlankType\*\*, bool&) (in vectorworks) (VariableState.h:23)  
 VB-157653 \*Update all viewports causes crash  
 VB-157660 Railing and fence, turning on Top Rail option will fail to load the fence completely  
 VB-157672 In OIP, clicking on the right side of the handle of the coordinate reference point may not respond.  
 VB-157673 Closing the "Assign Room Finishes" dialog with OK will crash VW.  
 VB-157697 VW2019 closes unexpectedly after using Export MVR  
 VB-157711 Fillet tool changes plane mode of object  
 VB-157718 Typos in dialog presented after closing the Space - Edit Number Style dialog without saving.  
 VB-157728 Roof Fails to Clip Walls in VW 2019  
 VB-157743 crash in background thread tessellation of extrude  
 VB-157744 Translation error in OIP  
 VB-157746 Objects Fail to Show When Entering Symbol's 3D Component  
 VB-157747 If entering a numerical value with Move" command and execute it  
 VB-157748 The size of the symbol placed in the sheet layer is changed and it displayed on the drawing sheet.  
 VB-157749 add tag to symbol while in section causes crash  
 VB-157751 Symbols not visible with Best Performance  
 VB-157762 Space's "Net Top Offset" Value Fails to Revert After Undoing Fitting Operation  
 VB-157775 Moving objects while zooming in/out makes dimension text disappear.  
 VB-157781 Space Objects Dim Fail  
 VB-157783 MVR does not export Vision capture info  
 VB-157792 ODBC or IFC causing a crash when select a record from the OIP  
 VB-157793 Project Sharing - Changes to Space Label Settings Fail to Get Committed  
 VB-157799 Clip surface fails in 3D views when clipping hadscapes



VB-157813 Roof Components Missing  
 VB-157817 2D objects with Class attributes render white in OpenGL viewport  
 VB-157823 Question about 3D connexion's 3D mouse (SpaceMouse Compact).  
 VB-157825 Attached Fils crashes Vectorworks when using Purge command  
 VB-157829 Menu commands are disabled after you invoke Set Hanging point command  
 VB-157832 Roof object issues with undo  
 VB-157842 Roof thickness goes wrong!  
 VB-157856 Auto-Bounded Spaces Show Area Incorrectly in OIP in Recent Builds  
 VB-157869 Using the Split Tool on Symmetrical Ovals Causes a Crash  
 VB-157872 Spaces Disappear in 3D Views When Clips are Removed  
 VB-157879 Page Setup No Longer Displays the Correct Printable Area  
 VB-157886 Railing/Fence Tool Fails to Use Tool Prefs When Style Settings are Overridden  
 VB-157889 Distance in floating data bar is always on 0 when moving object inside a Clip Cube  
 VB-157899 Space OIP Shows Unused Leader Line Settings in SP3  
 VB-157905 Translation error in dimension OIP  
 VB-157906 Translation error in Render drop-down menu  
 VB-157908 Space's Custom Gross Boundary Settings Fail to Revert Following Undo  
 VB-157910 Space's "Edit Custom Gross Boundary" Dialog Fails to Highlight Walls in 2019  
 VB-157911 Space's "Edit Custom Gross Boundary" Dialog Doesn't Allow Reset in SP3  
 VB-157915 Problems Downloading Some Libraries.  
 VB-157945 Section Viewport with Renderworks: creates extra lines / objects  
 VB-157946 Project sharing. Choosing saved view forces the user too check out all roofs in file  
 VB-157947 Reshape Tool destroys dimension  
 VB-157950 Section Viewports Fail to Show Component Overrides in SP3  
 VB-157964 \*When Select "Update BIMObject Red Symbol definitions" on the 'Update BIMObjects' dialog and press the "OK" button  
 VB-157966 In Horizontal Section Viewport, objects of the Invisible class are displayed.  
 VB-157987 Title Block Border producing undo alerts when editing preference records  
 VB-158002 Wall Texture Problem 4 - Open GL Real World Scale Incorrect - compared to Hidden Line & Renderworks  
 VB-158007 Hardscape: Main Slab Style Replace-does not show default Hardscape Content  
 VB-158015 Stair Stringer has a Strange "V" Cut in it in Certain Configurations  
 VB-158022 When executed the Roof Face" command menu  
 VB-158053 Texture mapping is wrong in OpenGL, Renderworks, and Hidden line.  
 VB-158063 Drag and drop resource does not work in the List view  
 VB-158064 When Roof style creation is undone, undoing the wall style creation causes wall geometry to disappear  
 VB-158070 Changing slab styles in the OIP does update the style drop downs  
 VB-158071 Creating styles multiple times with undo causes objects to disappear  
 VB-158082 Vectorworks crashes when exporting Room Finishes from Space plug-in  
 VB-158090 Roofs Fail to Show Surface Hatches in SP3  
 VB-158095 Page Based Symbol does not show in Top Plan on first insertion  
 VB-158108 If press the Shortcut Keys"  
 VB-158113 SP3 additional Space Object bug- Space label  
 VB-158116 3D Layout Label Legend missing when Layout symbol is 2D  
 VB-158126 ODBC/ VW crashes while updating the document from database  
 VB-158144 In Export PDF, Image Effects are not reflected in the Bitmap object.  
 VB-158150 Roof: Eave Cut, wrong representation  
 VB-158152 Project Sharing - Checkout Alert Dialog Fails to Show for Objects Inside Groups  
 VB-158154 Project Sharing - Checkout Alert Dialog Fails to Show for Objects Inside Tiles and Line Types  
 VB-158172 Spaces Lose Auto-Bounding After Editing Modifiers  
 VB-158174 Space Modifiers Shift Randomly When Space is Rotated/Mirrored  
 VB-158182 Rendering of slab fails in Renderworks rendering SP3 beta - regression  
 VB-158184 VW Session Pref - Undo view changes: Grouping similar view changes is not working  
 VB-158200 Import Revit (Batch) will crash  
 VB-158227 Bug in Join Roof Face - Wall  
 VB-158237 Space OIP Initially Fails to Show Settings  
 VB-158255 \*Crash when editing worksheet cell, part II. SP3  
 VB-158260 Structural Member not working with stories  
 VB-158262 MVR export has incorrect Z heights, and rotations is incorrect on some truss objects  
 VB-158279 Export to DWG freeze  
 VB-158294 When using the plug-in style and drawing with the "Picked Walls Mode", a Space is created at a position away from the wall.  
 VB-158298 Export PDF is not executed.(Windows only)

VB-158311 Attached File is corrupt - could it be repaired?  
 VB-158361 VW crash on multiple selection with Move 3D  
 VB-158394 Snap Points Can't be Acquired in OpenGL When Clip Cube is Enabled  
 VB-158397 Symbols Remain Visible in SP3 After Changing Active Layer  
 VB-158420 \*Crash when trying to edit Image Effects  
 VB-158464 Callout Notes won't appear in Keynote Legend  
 VB-32124 Open the file 9542WPAxes:  
 VB-158079 Worksheet cannot be updated correctly (some formulas are affected)  
 VB-112603 Empty Record format in Resource Browser when creating a space object  
 VB-111135 Cannot make a space for certain wall networks  
 VB-158513 Roof Face component offset does not recognize negative values  
 VB-158263 MVR file does not have the correct Truss placement or Rotation  
 VB-158633 MVR file has DMX errors  
 VB-158542 Ghosting of objects from inactive layers  
 VB-158520 random display issues regarding screen plane objects  
 VB-32369 If i draw a small nurbs circle and then do fit to object it looks like a polygon  
 VB-32464 sweep a circle with very high resolution and render the sweep object in Final sh  
 VB-145492 Very Slow Selecting/Creating Space objects  
 VB-158585 File hangs constantly on opening. Had no problem before sp2  
 VB-157631 Crashing - Mojave - Viewport Annotations  
 VB-129296 Rendered viewports change to outdated on print  
 VB-111742 Space Object Information Will Show Outside The Boundary on Unconventional Shape Rooms.  
 VB-125519 T01501 - 2016 Installer - Installer wipes out any information stored on the computer's  
 clipboard  
 VB-157001 Updating Viewport in test file takes 6 times longer in 2019 compared to prior versions  
 VB-158202 "If change the É??ElevationsÉ?ù offset of the É??Structural MemberÉ?ù object, the entered  
 value becomes incorrect."  
 VB-135053 The VCS desktop app is killed by Vectorworks installer without having a need to do so.  
 VB-158614 Class and Design layer fields in the OIP are not updating when switching between objects  
 without clearing the previous selection first  
 VB-152148 Vectorworks drawing window fails to resize when switching from external monitor  
 VB-157551 The Drum Sets symbol library in the Service Select Libraries are incorrect in size  
 VB-70827 [V1]Protrusion with curve fails : JBC  
 VB-158852 VW is exporting the same UUID for multiple objects  
 VB-158506 Hanging Positions do not export to MVR  
 VB-158471 Crash On Windows when using Filtered Dropdown in a ProjectSharing file  
 VB-154742 Edit text in a symbol goes blank  
 VB-149267 Performance VW2018 vs 2015  
 VB-156577 Structural Member doesn't support changes of the Story Elevation  
 VB-137910 Apply Attribute Mode of space doesn't work proper with option-key  
 VB-158431 Horizontal Sections: Space object have multiple anomalies  
 VB-157391 \*Crash when say revert to saved in SP3  
 VB-109649 "When Space tool pick up attributes mode is active and changing drawing view, switches to  
 Apply attributes mode"  
 VB-155836 After resizing the space object with 2D reshape tool then auto bounding walls selection  
 handles don't update  
 VB-155871 Editing roof style inside group causes view to change to top from 3d view  
 VB-114721 Gross ares is created only for single room area not for entire area  
 VB-157330 Beta alert error when using attribute map tool on roof object  
 VB-112241 "Space - Data fields show L and A first, not dX dY in Rectangle mode"  
 VB-153887 T01818 - Default Top/Plan Mode Differs with Plugins from Previous Versions  
 VB-157034 Page Symbols Fail to Show After Insertion in VW 2019  
 VB-60165 Drape Surface is not working properly  
 VB-158480 Asynchronous: Title Block Border causing Project Sharing problems  
 VB-156244 Worksheets reports incorrect Space Area

B-107852	The Alt key on windows can switch the space tool's eyedropper modes inadvertently
VB-158709	Duplicate Along Path not working on combination of lines and arcs
VB-57840	Solid subtraction doesn't work - complex objects
VB-105677	Paste In Place does not put space object in the correct location within test file
VB-111777	"Spaces creation fails with ""Create Spaces from Walls' menu command within test file "
VB-158228	Zeno24_SPACE:Transfer 3d Attributes freeze VW
VB-157921	Zeno19_Structural Elements uncontrollable dimension

**Vectorworks 2019 Service Pack 2.1**  
**Release Notes (2019 01 17)**

**Les problèmes suivants ont été résolus dans Vectorworks 2019 Service Pack 2.1.**

- 4352 Impossible d'ouvrir les fenêtres coulissantes dans Vectorworks 2019
- 4319 Les fichiers créés dans la version 2018 font planter Vectorworks 2019 (Mac)
- 0000 Utilisation des classes dans la Nomenclature menuiserie

## Vectorworks 2019 Service Pack 2 Release Notes (2018 12 10)

### Les problèmes suivants ont été résolus dans Vectorworks 2019 Service Pack 2.

#### Général

- 4236 La base de données des plantes dans Filemaker n'est pas localisée
- 4270 Les hachures chevauchent les modèles en 3D
- 4179 Message d'erreur après insertion d'un haut-parleur et utilisation d'une touche numérique
- 4155 Mode de correction et changement de vue via le clavier numérique
- 4255 Erreurs lors de l'import de nuages de points
- 4154 Déplacement des points de contrôle avec des cotations
- 4249 La surface des espaces reste sur '0 sq m' dans la palette Info Objet
- 4247 Le repère de niveau ne peut pas être déplacé (champs de saisie grisés pour les mesures)
- 4244 La sauvegarde du fichier lors du travail dans un symbole fait passer le mode de 'Haut' vers '3D'
- 4147 La version hybride et la version néerlandaise s'ouvrent simultanément avec 1 même licence sur 2 appareils
- 4162 Erreurs dans les images sur les planches de présentations
- 4233 Image sur planche de présentation invisible après découpage
- 4173 Touche 'Enter' dans la palette Info Objet
- 4239 Les textures standard manquent dans la palette Info Objet
- 4216 Les Fasteners ne retrouvent pas leur chemin vers les Default Libraries
- 4184 Préfixe du style de trait ISO-02 Dashed
- 4153 Import d'une nouvelle classe standard non actif

#### Outil Nomenclature menuiserie

- 4110 Plantage lors de l'édition de la mise en page

#### Outil Menuiserie intérieure

- 4142 Les murs avec un élément de menuiserie intérieure 2019 changent de couleur
- 4164 Seuil disproportionné en vue Plan 2D
- 4143 Chambranle erroné en vue Plan 2D
- 4259 Le chambranle donne un affichage corrompu en vue Plan 2D
- 4283 L'outil plante immédiatement lors de la première utilisation
- 4219 Un montant se trouve au milieu pour une double porte coulissante
- 4135 Plantage d'une porte coulissante lorsque l'on clique sur un vantail
- 4165 Liste d'options Energos vide pour l'outil Menuiserie intérieure
- 4198 Impossible de déplacer une fenêtre sur l'axe Y
- 4197 Seuil pour un chanfrein ou arrondi inférieur
- 4195 Linteaux pour chanfrein ou arrondi
- 4196 Zone de sélection d'un seuil arrondi

#### Outil Menuiserie extérieure

- 3972 Affichage incorrect du style de trait des lignes de jour pour le raccord de mur de type 5
- 4271 Plantage si arrondi des quatre coins
- 4048 Export IFC - objets manquants

3904 Les accessoires n'apparaissent pas dans l'export IFC  
4264 Partie de mur découpée de façon erronée en 3D  
4269 Géométrie fautive pour chanfrein supérieur droit  
4175 Plantage porte coulissante  
4149 Sens d'ouverture fenêtre coulissante  
4254 Fenêtre coulissante verticale: erreur dans l'arrondi  
4191 Plantage partie de mur  
4243 Vectorworks plante à la sélection d'une fenêtre  
4210 Percement mural pour une fenêtre avec chanfrein inférieur  
4226 Plantage si sélection de l'option 'Tout le mur' pour une fenêtre qui ne se trouve pas dans un mur  
4192 Le document plante à l'ouverture de VW2019  
4141 Ouverture des documents Vectorworks 2018 dans Vectorworks 2019 = plantage  
4246 Plantage lors de l'ouverture d'un fichier dans Vectorworks 2019 NL  
4172 VW2019 plante à l'ouverture d'un dessin VW2018 contenant des éléments de menuiserie extérieure  
4238 Une double porte contient un montant médian dans une case  
4182 Géométrie erronée d'un arrondi quart de cercle  
4203 Plantage lorsqu'une case se trouve complètement à l'extérieur du chanfrein  
4209 Plantage avec croisillons dans une fenêtre  
4145 Plantage à l'insertion d'une nomenclature (fichier utilisateur Vectorworks 2018 PL)  
4183 Ligne vide dans la liste du contenu de l'étiquette  
4139 Une fenêtre en coin avec partie de mur donne une géométrie fautive ou plante  
4158 VW2019 crée un montant qu'il n'y avait pas dans la version VW2018  
4167 Une porte avec deux sections crée un montant médian  
4177 Une fenêtre de projet dans le dossier Utilisateur ne fonctionne pas  
4180 Une fenêtre avec deux sections a un montant médian / affichage corrompu  
4116 Les jeux d'attributs graphiques dans le dossier Groupe de travail ne sont pas utilisés  
3206 Texture de gravillon pivotée  
4171 Copier une fenêtre prenant tout le mur dans un autre mur en utilisant la touche Ctrl fait planter VW  
3549 Rotation d'une texture utilisée pour l'outil Menuiserie extérieure  
3925 Texture paroi extérieure d'un raccord de mur pivotée à 90°  
4130 Représentation 2D erronée d'un isolant pour une partie de mur  
4121 Les objets VW2018 sont miroités lorsqu'ils sont convertis pour VW2019  
4156 Les cadres sont placés de façon erronée  
4148 Le mur disparaît si on ajoute un seuil à une fenêtre en coin dans un coin intérieur  
3086 Le mur d'une fenêtre en coin disparaît  
2970 Le mur disparaît complètement si la fenêtre prend tout le mur  
2771 Le mur disparaît totalement à l'ajout d'un seuil intérieur  
3932 Le mur disparaît à l'ajout d'une fenêtre de coin concave avec un linteau extérieur  
3860 Le mur disparaît si la fenêtre en coin est plus haute que le mur  
3507 Le mur disparaît à l'ajout d'une fenêtre en coin

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#### **The following issues were addressed for Vectorworks 2019 Service Pack 2.**

VB-71380 Conical roof disappears if Pitch is modified  
VB-82144 Polygon Tool with inner boundary mode doesn't work in several occasions  
VB-98816 Polygon From Inner Boundary on Automatic Plane Creates Screen Plane Object  
VB-100608 Polygon From Inner Boundary Mode fails with geometry in test file  
VB-106001 Wall Becomes Corrupt after Roof is Created Within Test File  
VB-114181 CW Space: Custom Net Boundary: Exclude Column "Islands" option doesn't work as expected.  
VB-120504 dwg export fails  
VB-127723 Drag and Drop of an IFC file do not open "Filter IFC Stories and Element" dialog  
VB-127759 Roof Face disappears in imported model

VB-128236 Roof Clipping Causes 3D Geometry to Fail in VW 2016 When Certain Shapes are Used  
 VB-128350 wrapping a marionette network in rotate plan causes wrapper to offset in different location  
 VB-128781 VW Crashes on Mac When Converting Marionette Wrapper to an Object Node  
 VB-131656 Export PDF: Image Fills with opacity of less than 100% have white haze  
 VB-132093 3D label legend values are visually corrupt when moving the instrument  
 VB-132471 Marionette Objects need to be "reset" after move by points command is used on them  
 VB-132870 Crash implementing LW Data Exchange export  
 VB-133315 Screen flickers with the flyover tool while rendered.  
 VB-135166 Property Line tool missing bulls-eye  
 VB-137471 Attribute palette: Link Pen Opacity checkbox should be turned on for all object that have only Fill Opacity value  
 VB-137816 Using "/" in a Lighting Device's Name or Worksheet Name definition puts data where Lightwright cannot find it.  
 VB-138004 Marionette Script crashes on OS X  
 VB-138443 Scaled Symbol does not render as expected  
 VB-138750 Slab (likely corrupt) is behaving strangely and crashing Vectorworks  
 VB-138876 Arc Smoothing Causes Slab with Manual Edge to Show Gaps  
 VB-139072 Parking Space Tool HC Space incorrect when Angled Header Style chosen  
 VB-139636 Image Export from File is Giving a Different Brown Color  
 VB-139738 Camera Match Mask Tool Outline  
 VB-140230 Export PDF Produces Undesirable Antialiasing on Camera Match Masks : JBC  
 VB-140439 Inner Boundary Mode of Space Tool doesn't support columns correct  
 VB-141713 Spotlight: Export to Lightwright crashes Vectorworks  
 VB-142178 COBIE fieldname incorrect  
 VB-142235 Crash after adding Lighting Device Parameters  
 VB-142339 VW 2018 Viewer, palettes fail to launch  
 VB-142726 Space Worksheet Functions not working  
 VB-142828 Some symbols in the Resources Manager Vectorworks Libraries can not be inserted directly into the wall.  
 VB-143387 Insert Position Summary doesn't on duplicated pipes  
 VB-143431 Marionette: Opening file with Marionette nodes and closing without making changes will prompt the user to save their changes  
 VB-144082 Multicircuit is connected incorrectly to the hanging position  
 VB-144230 Preview of an applied plant doesn't show in Resource Manager when saving Landscape Area.  
 VB-144363 Convert to hanging position undo not working correctly  
 VB-144555 When VBvisual Plant is selected, it is not highlighted in Top / Plan.  
 VB-144628 Hanging positions will not work with Braceworks loads  
 VB-144734 Select Coincident Objects doesn't work if Selection Tool is twice in workspace  
 VB-144787 IFC Export do not export round opening  
 VB-144895 Crash - Lightwright - Use automatic Lightwright Data Exchange Perform a complete export on Exit.  
 VB-145509 Custom Instrument Insertion Scripts no longer work in VW2018  
 VB-145572 While in 'Best Performance' performing an image crop is making geometry disappear  
 VB-145856 Door & Window: Interior/Exterior Wall Detail control points don't adjust to change in Door/Window Width  
 VB-145884 Hardscape transfer bugs with eyedropper  
 VB-146254 Marionette Obj Info Palette does not show correct information  
 VB-146599 Marionette: Crash with Delete node and 'Remove At' node  
 VB-146786 Save Wall Style with context Menu replaces walls inside symbols  
 VB-146825 Convert to Hanging Position: When we convert a hanging position and a simple geometry, one of these two objects disappears  
 VB-146834 Performance issue Editing Group Containing 3D Polys  
 VB-147148 Create Similar Object - uses default lighting instrument instead of picked instrument  
 VB-147263 Horizontal sections look wrong after conversion to 2018

VB-147373 Question- About converting "Hemisphere" or "Sphere" to 3D Polygon with VW2018  
 VB-147417 Texture Bed does not display colour when 3D Style is 3D Mesh  
 VB-147620 Spurious oval drawn inside crop after edit of detail callout  
 VB-147665 When the Design Layer and Sheet Layer viewports are displayed in Multiple View Panes, the display may be incorrect. Mac only  
 VB-147690 By style parameters are enabled in the dialog and editable  
 VB-147816 When Expanding Classes in the Navigation Palette, it moves it to the bottom.  
 VB-147875 Visibility for In-Wall Objects Changes in Viewports When Document's Class Visibility is Changed  
 VB-147915 Performance issue working with Lighting Pipes  
 VB-147969 Objects not rendered properly when "Unified View" is off with particular layer option settings.  
 VB-148177 Hardscape Tool area not showing in Worksheet  
 VB-148298 Major display issues relating to Bitmap images  
 VB-148371 Performance Issue Selecting IFC Entity.  
 VB-148416 VW2019 File translation. Crash on open with attached file. Windows only  
 VB-148445 Performance Issue with IFC Data  
 VB-148556 Title block settings dialog box is too big  
 VB-148569 Clip Cube Takes on a Random Shape When Entering Symbol's 2D Component Mode  
 VB-148578 Profiles of the Structural Member Tool are broken  
 VB-148624 VW crashes when you invoke Resource Selector with arrow down key (Win only)  
 VB-148800 UNDO does not work in some Marionette networks while it works in others  
 VB-148804 Spotlight - Crash with Data Exchange and Custom Lighting Device Parameters  
 VB-148810 Unable to Export to 3D for WebView (Prototech)  
 VB-148824 Crash when you draw a slab when you have a symbol named the same way  
 VB-148843 Import IFC Interface is Inconsistent  
 VB-148956 Roof Face has incorrect component area on Worksheet  
 VB-148966 Worksheet - GetSpaceNameForObj - Not working on walls  
 VB-148999 Space: some IFC data not correct  
 VB-149199 Crash in TDrawPad::SetFontByNumber  
 VB-149209 Lighting Instruments don't attach to 'hanging positions' in rotated plan view.  
 VB-149351 Skylight not visible in Hidden Line Render modes  
 VB-149450 File opens with different layer not the saved layer from VW 2018  
 VB-149554 Editing a texture - receive shadows and obj size  
 VB-150118 Hidden Line RenderNot Working in Mixed Layer Views-When Unified View is off  
 VB-150272 Duplicate Along a Path failed in Parasolid -- PR 8376690  
 VB-150392 Object Info Palette is missing its check boxes, when certain Win 7 themes are used  
 VB-150437 Performance issues with multiple panes  
 VB-150480 Hoist Weights do not Update if Settings are changed after it is placed in the Drawing  
 VB-150540 2D Components: Clip Cube displaying in Edit 2D Component mode when Show Other is set to "3D"  
 VB-150562 Hatched Rectangle Not Showing Properly while in Wireframe  
 VB-150569 The cross section of the Clip Cube may not be displayed in red in some cases.  
 VB-150649 Roof subtractions get "forgotten"  
 VB-150742 EPS on Sheet Layer not visible  
 VB-150751 3D Studio file crashes 2018 and 2019  
 VB-150783 Planar Graphics Not Visible when Editing Slab with-Manual Edge  
 VB-151013 Page-Based Symbol Thumbnails Show Incorrectly in Resource Manager  
 VB-151021 OIP Refactor - Dimension - length - too narrow to show  
 VB-151078 Artifacts when dragging a Marionette object around  
 VB-151094 Send to Vision with no file open crashes Vectorworks  
 VB-151207 Collapsing the Filter Widget in the Layer and Class menus can take two clicks  
 VB-151277 Exiting to IFCEntity container performance differs wildly.  
 VB-151283 Deleting Marionette Creation Group Crashes



VB-151392 Component Location Edit Mode's Default View Changes Following Zoom/Pan

VB-151405 Import Revit: Attached file causes Vectorworks to hang or crash

VB-151469 Existing Tree Label Text Position

VB-151616 Crash from analytics since 2017: MeshEx::CExtendedMeshData::GetFaceVertices

VB-151735 Spread/Beam diagram of the Light should be divided from the other parameters with separators

VB-151770 Text Along Path - Reversing the direction of the line is causing problems

VB-151772 Text Along Path - Create Text As Extrusions doesn't work properly

VB-151791 Edit 2D component does not preserve the render mode

VB-151797 Plugin 2D Graphics Appear on Section Plane in Horizontal SVPs

VB-151823 Dimensions remaining although object got deleted

VB-151846 2D Components: Worksheet doesn't display nested hybrid components

VB-151909 Dragging 2D PIOs produce screen artifacts (looks like text)

VB-151934 BaseQuantities of a slab are not exported if slab contains drainage or modifiers

VB-151940 Context exit button text does not resize properly

VB-151983 Error message displays when you use Select Origin's Hoists command

VB-152093 When hardscape resource is in session and using the same resource in new document will fail

VB-152159 CMassForceUnitsImpl::GetDocumentUnit is throwing off the undo system

VB-152160 TrussAnalysisImpl::CMassForceUnitsImpl::GetUnitsRecordFormat() causes RefNumberTable corruption

VB-152264 Export Web View: Even when checking the clip cube in the export dialog is turned off, it is exported in the clip cube state.

VB-152293 SDK::SetVisibility doesn't apply to containers (group, parametric object) with 3D components.

VB-152347 In Railing / Fence Settings Dialog, the save destination path of the displayed dialog is the right end of the character string will not displayed.

VB-152401 Auto-classing options not Pushed through Project Sharing

VB-152410 Viewport renders with a white background, instead of transparent

VB-152489 The initial position of the Remove Outliers bar is different between Windows and Mac

VB-152505 VW hangs up when you sort by action (Mac only)

VB-152511 Site Model Sculpting - Swale/Berm Misaligned

VB-152541 Spotlight Numbering tool doesn't highlight fixture until after clicking

VB-152564 Not all objects change to layer colors when layer colors is activated

VB-152579 Stair Upper layer shows blank in OIP

VB-152588 Proposed Contours display on top of Existing Contours

VB-152614 Speed Regression Document Navigation

VB-152623 In Import mtextur, there is a case that the timing of the completion of the download can not be known.

VB-152643 Focus Points can be named the same thing if it ends with a symbol and not a letter or number

VB-152644 Web view contains incorrect colors with a particular roof configuration

VB-152649 Most colors are missing when the attached test file is exported to Web View

VB-152650 Random Missing geometry when opening file.

VB-152658 User reports exceptional slow response times when entering and exiting groups

VB-152663 "Class Overrides" and "Layer Overrides" in a viewport don't work at all.

VB-152693 Some objects do not get assigned to the correct design layer

VB-152713 Stage object from earlier version loses its height when plug-in is reset

VB-152757 In-Place Edit Mode for Dashed Hidden Line Viewports Fails to Show Swap Graphics

VB-152766 object line thickness does not render in OpenGL (wireframe looks OK)

VB-152814 Only Color in Active Document palette is active by default

VB-152858 Export Web View: Preview + Temporary exports Localization Issue

VB-152893 Horizontal Section: Position of hybrid symbols

VB-152909 Mac Menu does not close as soon as user clicks

VB-152953 Special characters sort differently in different parts of the Resource Manager

VB-152955 VW2019 Resource Manager not refreshing screen properly when expanding

VB-152980 In Edit 2D Components, when Clip Cube is on in Design Layer, the range of Clip Cube is automatically set in the editing screen regardless of the setting.

VB-152987 Page Based Symbol Thumbnail Image Cropped in Resource Manager

VB-153017 Surface Array Elevation Changes When Created On an Elevated Layer

VB-153044 Autocomplete for =IFC. and =COBie. functions does not work

VB-153045 OIP works different when using x-ray in 2019

VB-153132 "New Design Layer" or "New Sheet Layer" items will stay selected in the new combo

VB-153156 In Door Tool, Louvers may be created in a position away from Leaf.

VB-153168 IFC - The exported Table with Chairs is with 8 legs instead of 4

VB-153199 Cannot unlink pen/fill opacity with walls, cannot get wall opacity to work

VB-153201 Layers listed in the "constrain tops of space objects to" that are not in the document

VB-153203 Spotlight Numbering sort by "Use"

VB-153213 2D contour lines not visible for space object that has been fit to top of objects

VB-153219 Drawing performance in VW2019 is slow.

VB-153230 Base Cabinet: Door of the cabinet is missing when you insert a corner base cabinet (Win only)

VB-153232 Base cabinet: Blind parameter isn't grayed when Type is set to 4 Drawer

VB-153238 Drawing on document is not showing when a dialog is open

VB-153245 Section Viewports Fail to Show Wall Pen Lines When Attributes are Set By Class

VB-153247 The selected item in the layer/class combo box gets messed up with filters active - Mac only

VB-153248 Switching between saved views seems much slower than before

VB-153270 Custom Data fields with longer text show incorrect spacing

VB-153274 Light Plot file crash on opening

VB-153277 Hardscape Objects not rendering in OpenGL

VB-153291 VW crashes when merging layers with a particular file.

VB-153294 IFC - Vectorworks Story Name drop down menu has Site as only option

VB-153306 Class override is broken in VW 2019

VB-153343 DXF imports differently into VW than it appears in eDrawings and DraftSight

VB-153348 Site Model Sculpting: SwaleBerms made from curves are messy

VB-153351 Undo Convert to Hanging Position Removes Object

VB-153363 Tool inserts Section Line with different attributes than Section-Elevation Marker

VB-153365 Section-Elevation Marker Tool: First Section Line inserted uses different defaults.

VB-153372 TFile::WriteNewLine constructs too many TXStrings

VB-153375 PDF Import Not Working

VB-153390 Sketch broken for VPs

VB-153409 Grayed Objects Show Incorrectly During Navigation Inside Tag Layout Edit Mode

VB-153410 Text in Data Tags Shows the Wrong Text Style After Plug-in Style is Edited

VB-153411 Generate 2D Graphics from 3D Component for 3D Symbol Causes VW to Crash

VB-153438 Detail Viewport: Wrong display - VGM issue

VB-153440 OIP "Dynamic Text" Options Become Grayed in the OIP After Editing Text

VB-153441 Saving document unexpectedly sets Component Edit to "3D"

VB-153454 Tag Geometry Fails to Show When Inserted With By-Instance Tag Layout

VB-153462 Active Data Tag Styles Get Treated as New Resources Following "Save As" Operation

VB-153481 'Site Model from Boundary' command has no tooltip.

VB-153482 IFC 2x3 & 4 will not show in symbol from Resource Manager

VB-153487 After you close the file the Navigation palette doesn't update and Vectorworks crashes

VB-153504 Viewports look flashy on the sheet layer

VB-153509 2019 Tile Fill not displaying if used as annotation

VB-153510 DWG Export - Line type shape file names missing first letter (Mac only).

VB-153512 Windows and Doors placed in walls take active class, not class they were created on

VB-153517 Tag Perimeter Calculation Fails to Show Whole-Unit Decimal Precision

VB-153527 OIP Slow To Update when Selecting Screen Plane Lines (Regression from 2018)

VB-153546 Entering Containers Has Slowed-Down in Recent 2019 Builds

VB-153559 Successful AutoTURN Login Shows Red Alert in Message Bar

VB-153602 2019 Level Type Bug

VB-153612 Option + Shift + Click not working on object info class menu.  
 VB-153613 Offset duplications NOT working properly in 3D Views  
 VB-153615 Undo changes in Standard Naming doesn't work  
 VB-153643 Witness line doesn't move correctly when a lighting device and its hanging position are rotated together  
 VB-153648 Selection highlighting flashes during viewport update  
 VB-153658 Planar PDF Objects Fail to Show in OpenGL Viewports in VW 2019  
 VB-153666 Active Layer Fails to Get Saved With File  
 VB-153670 2D Components for Hybrid Crash  
 VB-153684 If the Type is a space object, worksheet functions can not be calculated.  
 VB-153700 Undo Fails Inside PDF Crop Edit Mode  
 VB-153716 Class and Layer Mapping menu item performs illegal merges  
 VB-153718 Project Sharing - Changes to Referenced PDF's "Crop Visible" Option Fail to Get Committed to the Project File  
 VB-153719 "Assign to Selection" menu item in nav palette can perform illegal layer changes  
 VB-153721 Project Sharing - Changes to Bitmap Crop Fail to Get Committed to Project File  
 VB-153736 Fixture Mode drop down contains 'Other...' items twice after you deactivate Lighting  
 Instrument tool  
 VB-153740 Odd Graphic Artifacts on Viewports in Sheet Layers  
 VB-153744 Marionette; moving control point in a MO causes OIP values to be reset to original values  
 VB-153771 Flipping legend in 2d does not work on grouped labels  
 VB-153777 Section-Elevation Marker tool defaults  
 VB-153778 Data Tag w leader line has no constraints  
 VB-153789 Merrilat cabinets should not have a 1 inch reveal  
 VB-153791 Text along path undo problem  
 VB-153806 Data tag in viewport  
 VB-153820 Display Planar Objects doesn't work in this Viewport  
 VB-153849 Texture Record Becomes Corrupted When Default Styles are Used  
 VB-153850 2D Components not displaying  
 VB-153863 Changing the focus point of a seating section breaks the boundary  
 VB-153868 Site Model Sculpting - Does not select TINN element of cursor location  
 VB-153874 CW Stair: "attempt to create a line with identical start- and endpoint" alert  
 VB-153878 Filters in Viewport Class Properties dialog don't work with visibilities of classes which are set in the dialog  
 VB-153880 CDataTagUpdateSupport crashes  
 VB-153883 Sheet Layers Show Incorrectly After Creating New Sheet from Viewport OIP  
 VB-153884 2019 crashes when trying to open a file--PR8391391  
 VB-153886 3D align does not work  
 VB-153888 Inconsistencies With the Solid Fill when using clip cube.  
 VB-153890 SLVP: Black and White Only - Not working for Annotations  
 VB-153891 Wall Textures Fail to Show in OpenGL After Inserting Objects in Plan View  
 VB-153892 "Generate 2D from 3D" Creates Rotated Copy of Door Hardware  
 VB-153896 "Generate 2D from 3D" Fails to Create Lines Between Coinciding Edges of Solids  
 VB-153900 "Generate 2D from 3D" Gives Incorrect Results on Window Shutters  
 VB-153907 Orientation value changes when you close Title Block Border Settings dialog  
 VB-153908 Worksheet formula invalid factor  
 VB-153920 Image Effects dialog not showing Preview; Apply button results in blank viewport  
 VB-153959 IFC Data Not Displaying (When Version Changed)  
 VB-153969 VW hangs up after editing and object in FastPlanDrawEngine::CancelRedrawJobs  
 VB-154002 When duplicate a resource with 2 byte numerals, end of name changes to 1 byte numerals.  
 VB-154009 Label setting of Edit fields is lose on Label Legend Manager.  
 VB-154011 Even if Save set name is the same, it can save on Spotlight Numbering dialog.  
 VB-154040 Title Block Manager Locking Up Vectorworks on Mac  
 VB-154053 Point Cloud Import, Object / Building is incomplete

VB-154056 [IFC Import] Dialog is missing if drag&drop file  
 VB-154064 Line size pop-up doesn't display the whole number of the line (Mac 10.14)  
 VB-154072 [IFC] Export of walls, windows and doors in walls fails  
 VB-154076 Duplicate Along Path Fails in VW 2019 With Some Path Objects  
 VB-154078 Solid Objects Can't be Click-Selected  
 VB-154081 Multiple Extrude Objects Fail to Show in Static Plan Views  
 VB-154084 Picking Issues  
 VB-154088 Cannot select House Rigging Point in a 3D view  
 VB-154106 Drawing and selection issues with extrudes  
 VB-154107 Subdivision Section Fails  
 VB-154131 Web view is missing textures and it shows the model in a weird perspective  
 VB-154140 Title Block: hangs upon launching the Title Block Manager command  
 VB-154147 Image Effect Preview Function Does not work when tried multiple times  
 VB-154150 Issues with Hardscape tool  
 VB-154184 Symbols; File does not load with Web View  
 VB-154206 Project Share requires me to check out items I'm not using.  
 VB-154210 New title block page number needs to be manually regenerated to reflect changes  
 VB-154217 Parametric rectangle creation in viewport annotations makes invisible objects  
 VB-154220 Redrawing of the OIP by parameter manipulation in the displayed OIP is no longer applied.  
 VB-154229 OIP gets frozen and disabled  
 VB-154232 Marionette bug causes VW to crash  
 VB-154235 Marionette: Checkbox gets reset to unchecked when in a Marionette Object  
 VB-154237 Design layer shows edit border for no reason  
 VB-154254 VGM Issue with Reshape Tool in 2019  
 VB-154258 Title Block Manager shows wrong "active file"  
 VB-154261 Spotlight Tool tip help: incorrect grammar for Manage Bridle Parts  
 VB-154264 Revit Import - Door is not properly created  
 VB-154267 The attached file crashes while opening with Vectorworks 2019 on Mac only  
 VB-154272 Objects Fail to Show in Plan View Inside Nested Groups in Symbol Edit Mode  
 VB-154277 RW Styles with edges dont show clip cube caps in viewports  
 VB-154281 Mac 10.11: Drawing view shows Group/Symbol edit marquee randomly  
 VB-154292 Data Stamp Symbols Selected through the Resource Manager do not Work as Wanted  
 VB-154293 Crash most likely in Trim Command.  
 VB-154295 Control Point Position Widget is constrained  
 VB-154302 Solid Edit Modes Show the Wrong View Orientation in VW 2019  
 VB-154305 Support for backsaved filters in VW24.0.2  
 VB-154309 Workspace crashes VW everytime with some Braceworks tools  
 VB-154314 Sheet Layer Graphics Fail After Switching from Design Layer  
 VB-154323 Vectorworks 2019 crashes on Web view export with user file  
 VB-154330 Data Tag Label Data not picking up data  
 VB-154333 slowness and crashing when ungrouping PDF  
 VB-154335 Texture Edit Seems Fragile - Crashing  
 VB-154344 Roof Classes Adjusting Viewport Visibilities Incorrectly  
 VB-154349 Export to Web view doesn't export low quality textures after exporting high quality ones  
 ("Quality" setting medium and up)  
 VB-154351 Update the Export to Web View Quality dropdown tooltip to mention that quality of  
 textures is also affected  
 VB-154360 Clicking A Spot in Navigation Pallet Crashes Vectorworks  
 VB-154371 Space for parameter "False" is too short for Dutch translation  
 VB-154372 Marionette Wrapper (-> Properties->Cancel) causes VW 2019 to crash  
 VB-154375 Crash on changing Gobo from Lighting Device  
 VB-154378 House Rigging Points duplicate on rotation / maintain original orientation  
 VB-154381 Creating new workspace missing menus  
 VB-154394 textures on slab objects need to be "bumped" to see the slab in 3D and in OpenGL

VB-154405 Landscape area settings bug  
VB-154410 Landscape Area: crash in CAreaPlantObjectApp::EvenOutPlantCounts.  
VB-154411 Foliage; crash in CFoliageObjectData::Load  
VB-154419 CDataTagChangeSubscriber::Notify(ChangeCollection const&) (in vectorworks)  
VB-154421 Missing Options in Object Info Palette Title Bar  
VB-154432 Worksheet Space Functions failing on round wall  
VB-154433 Layer Opacity in Viewports not Working Correctly  
VB-154437 Viewport Class Filter Fails to List Classes that are Invisible in the Document Itself  
VB-154440 Vectorworks eventually freezes when navigating and switching between the attached documents  
VB-154441 Spotlight: Cosmetic only. Incorrect graphic for hierarchal class button in Load Overview  
VB-154445 About Organization Dlg, the duplicated filter and the source filter become the same Filters even if edit.  
VB-154446 Title Block Manager - Sheet Revision Log not working for multiple files  
VB-154447 Wall Flickering in 2019  
VB-154450 Crash after closing VW on Mac  
VB-154451 Title Block Border - TitleBlockBorder::UI::CDlgTBEdit::LoadJSONData crash  
VB-154454 IFC Data Mapping for Column object does not use the correct value for the material Pset  
VB-154461 Viewports are mostly blank...  
VB-154467 Textures failed to show on Acceptance test file - regression  
VB-154470 Renderworks backgrounds don't get rendered in VP - regression  
VB-154482 Viewports Fail to Show Screen Objects in SP2 Unless "Display Planar Objects" is Enabled  
VB-154483 Marionette object crashes 2019  
VB-154486 Convert to Hanging Position command moves object when selecting Use Geometry  
VB-154487 Slab - pick wall mode crash  
VB-154498 problem with 2d component of custom plant objects  
VB-154502 Title Block Manager - Edit Button Fails to Become Grayed in Revision Data Tab  
VB-154514 Spotlight: Label Legend Manager (LLM): Change a field to right reading and it adds an extra generic symbol in the 2D layout symbol!  
VB-154516 Delete from Plant Catalog removes wrong object  
VB-154518 Top/Plan Preview in the dialog box doesn't change. (Plant tool)  
VB-154528 Import PDF file fails  
VB-154534 Crash when hitting ESC key when using the Attribute Mapping Tool  
VB-154540 "Custom Cabinet Settings..." dialog has layout issue in localized products.  
VB-154542 Progress Bar missing when updating Viewports rendered with OpenGL  
VB-154548 Camera Match mask border is visible in exported PDFs.  
VB-154560 Default View/Projection are Incorrect When File is Exported to Previous Version  
VB-154566 Confusion with Spotlight Numbering Command  
VB-154574 Title Block Crashes out VectorWorks  
VB-154587 Project Sharing, option Link Pen Opacity deselect and switch percentage: not saving  
VB-154589 Cropped Bitmaps Show Displaced Selection Handles on Sheet Layers  
VB-154597 A crash happens when resizing the OIP Data pane of a Plant object  
VB-154604 Incorrect name of the Undo event  
VB-154607 Drawing Labels with Custom Scales Display Incorrectly  
VB-154609 Horizontal Section: Cut Graphics Pen Attributes Incorrect  
VB-154614 "Align" misspelled in Data Tag OIP  
VB-154616 Text Scaling Broken in Viewports : JBC  
VB-154619 Slab: crash on editing Edge Offsets  
VB-154621 Revit Import: Windows in a round wall are not visible in the 3D  
VB-154629 With 3 icon wide palettes, line weight number disappears  
VB-154633 Walls Geometry Flashes after Wall Join Operation in File  
VB-154635 Publishing this file with rasterize on makes PDFs black  
VB-154637 Top/Plan Redraw Takes Much Longer in VW 2019 Following Drag Operation  
VB-154641 Section Elevation Marker, cosmetic problems. Error 01.

VB-154644 Section Elevation Marker not displaying correctly on Section Viewports and Horizontal Viewports. Error 03.

VB-154651 DXF Export naming of parametric objects not correct

VB-154654 Convert Wrapper to Object Node > crash

VB-154656 Data Tag: Edit Tag Data doesn't work with Pop-up fields

VB-154664 Flickering VP when it is rendering

VB-154670 Cropped bitmaps on Sheet Layers are broken

VB-154680 Layout issue of the Organization dialog in localized Vectorworks.

VB-154681 Adding/Deleting Objects Takes Much Longer in SP2 Following Top/Plan Navigation

VB-154684 [Win only] The attached real user file crashes immediately after starting a Publish

VB-154686 Vectorworks crashes on Viewport update in this real user file

VB-154693 Screen detritus after UNDO in simple file on new MBP

VB-154695 Windows: Obj Info Pallete doesn't have Help icon nor Autohide pin at the top

VB-154700 IFC - Data Tag not Recognising IFC Classification\_Name field info

VB-154707 Data Tag - Object Parameters - IFC Entity - no values available

VB-154714 2019 crash on Export to PDF

VB-154725 Printing objects on a PDF layer is failing

VB-154736 Name of the Revit Import log file is not localizable

VB-154737 Latest VW cause many screen flashes

VB-154747 Highlighting in site model sculptor tool is not working properly

VB-154748 When PDFs are present in a file the performance is dreadful.

VB-154758 Edit>Duplicate Along Path Regression: Fails if paths are Circles with a diameter greater than 8790mm

VB-154765 Vectorworks 2019 crashing on user's Mac

VB-154771 Attached test file crashes when opened in Vectorworks 2018 and 2019

VB-154772 Filter on Plant Database mixes up Plant Images

VB-154785 Undo Inside Component Location Edit Mode Causes Mode Exit

VB-154787 Blended Video screen object inserting incorrectly

VB-154788 VW is sending duplicate SwitchActive, Validate, and Usage requests to activation server

VB-154790 Worksheet Image function fail with some symbols

VB-154791 Spotlight Numbering not working on non lighting device as it should

VB-154799 VW Crashes when File Renders in Open GL or Hidden Line in VW2019

VB-154800 Crash while using spotlight numbering

VB-154803 Symbol Swap Graphics Fail to Show in SP2 When Edited Through Viewport

VB-154816 Space Object: Changing Space Label 1 crashes Vectorworks 2019

VB-154822 "Custom Selection" doesn't work when the criteria selection parameter contains Japanese characters.

VB-154839 2019 Crashing Sometimes when Editing/Modifying Hardscapes

VB-154841 TPluginPathHandler::RotatePolylineBackToOrigin crashed

VB-154846 VW2019 Crashes while Toggling Between "By Object" and "By Component" in OIP's Render Tab

VB-154853 Crash when Placing a Worksheet with Any Data

VB-154859 Title Block Manager: silently closes the active document upon OK

VB-154862 If the file set to IFC 2x2 or 2x3 Version and it is exported in IFC format , the object is not imported.

VB-154874 Vectorworks Fundamentals: Auto display detail levels for design layers document preference behaves incorrectly

VB-154876 Active View Changes When Roof Object is Moved in SP2

VB-154881 IFC entity is exported although it is turned of in data mapping

VB-154883 Sections look wrong after updating them in version 2019

VB-154889 Vectorworks crashes on Web View export with the attached test file

VB-154892 Section Viewport Hidden Object Attributes Can't be Imported from Another Viewport

VB-154902 Title Block Border (TBB) tool only converting some not all text fields from a 2018 TBB.

VB-154903 Export PDF: Image Effects are not Exported

VB-154909	Sheet Layer Zoom Level Changes When Section Viewport Drawing Number is Edited
VB-154913	Site model: Crash in CVWModifiersData::ClearModifiersData.
VB-154918	Site model: Crash in CTINConstrainMesh::SubdivideTINTrisSet.
VB-154925	3d geometry shows in top/plan thumbnail
VB-154930	Fillet tool - VGM very bad ghosting problem when Navigation Graphics in Best Performance
VB-154932	If the Convert to Hanging Position is executed, it can not be created a single Hanging Position.
VB-154935	Viewport Alpha Transparency/Fill Broken in 2019 : JBC
VB-154937	Ifc Export in VW2019 SP1
VB-154947	Creating Detail Viewport Cause VW2019 To Crash
VB-154949	Document Window Becomes Black After Resizing Palettes
VB-154951	VW crashes when opening file (class TScreenMatrixRemoverState)
VB-154960	Class and Layer Filter dialogs are not resizable
VB-154962	Extra white space in Layer Filter dialog
VB-154968	Components Flicker when Editing Slab with manual Edge
VB-154970	Changing docked palette widths causes temporary corruption on the drawing window
VB-154974	2017 file instantly crashes 2019 when converting upon opening.
VB-154976	Editable COBie worksheets: Autocomplete not working when typing a formula
VB-154982	Point Cloud import failing
VB-154985	Spotlight - Unable to open Label Legend dialog
VB-154987	Hoist objects snap to themselves.
VB-154990	Document Window Becomes Black After Switching Monitors
VB-154996	Event Design tools deselect themselves
VB-155000	vsprintf crash in XGCabinet found on analytics
VB-155001	crash calling BreakOffset on null wall break ptr found in analytics
VB-155007	Roof gets deselected in any roof edition
VB-155013	Spotlight Numbering Bug
VB-155014	Polygon from Inner Boundary Picks-Up Objects on the Wrong Plane in VW 2019
VB-155017	Spotlight: Softgoods broken in this build
VB-155019	Sheet layers: Cropped images when moved result in badly redrawn events
VB-155023	Spotlight Numbering: When you double click on the object (to end numbering) it remains red color.
VB-155035	Stipple tool freezes the application
VB-155037	Major Slowdown In Hidden Line Viewport Update
VB-155038	VW will lock up on File w/ external references
VB-155040	Toilet stall tool hangs the application
VB-155044	Horizontal Section: Objects display from within invisible containers
VB-155061	Highlighting of 3D part of Lighting Device is visible in Top/Plan view
VB-155067	Section Elevation Marker linked to viewport in constrained mode
VB-155076	Sketch style preview doesn't work after the first time
VB-155084	Document Setup, Create Standard Viewports, Standard Naming not working
VB-155090	Crash when replacing Title Block Border style in the attached file.
VB-155094	Data Tag incorrect reading
VB-155095	Current Plot Date field should display medium date format (Windows only)
VB-155097	Fixture selection in top plan shows selection for 3d as well.
VB-155108	BimObject - Application crashes when attempting to import a sketchup file
VB-155126	"Administrative Release" is displayed in the viewports tab on Navigation palette. (Mac Only)
VB-155128	In OpenGL rendering, the texture of the object may not be displayed in some cases. VW2019 only
VB-155130	Title Block Manager, Issue Data
VB-155134	2D Components: Edit 2D Component Location Mode: Top Component objects visible and selectable on screen plane.
VB-155135	PDF export crashing VW 2019
VB-155137	Spotlight tools shows some wrong selection highlighting in recent builds

VB-155140 Cropped Bitmaps Fail to Update When Moved on a Sheet Layer  
 VB-155145 Dimension Tool Crashes Vw  
 VB-155159 VW crashes when switching the active layer by the short cut after updating a Viewport.  
 VB-155168 Doors showing 3d detail in 2d plan  
 VB-155171 Undo Fails to Affect PDF Crop Objects After Exiting Edit Mode  
 VB-155173 Curtain wall fill colors do not show in OpenGL  
 VB-155180 Texture mapping does not work  
 VB-155204 The added new object is not searched with objects search field on IFC Data Mapping dialog.  
 VB-155214 The Callout Text in Notes Manager: Callout text not selected on MAC.  
 VB-155221 Non structural groups attributes issue in SVP  
 VB-155225 Section Line "non-linked" indicator showing black instead of red  
 VB-155231 Floating palettes dock to each other even when option not selected.  
 VB-155234 Text don't appear correctly with black background in 2019  
 VB-155239 Textures not rendering with OpenGL in Viewports  
 VB-155246 Combo box dialog isn't affected by updating on every 30 seconds  
 VB-155249 Render styles with Edges don't show edges when there's a clip cube  
 VB-155250 Nested symbols show up in Section VPs even when the classes are turned off  
 VB-155258 Flashing Effect when Clicking Update button to Update a Section Viewport ( Best Performance Issue)  
 VB-155273 Japanese space names are garbled in Bluebeam.  
 VB-155275 Changing the Opacity of a classed item does not change without clicking the box  
 VB-155281 Project Sharing - VW Crashes After Changing Referenced PDF's "Save Referenced Cache" Option  
 VB-155282 Opening of TBB Settings and TBManager is slow in the attached file  
 VB-155285 referenced file: Section do not show hatch in Section Viewport  
 VB-155290 Eyedropper Tool Fails When Only "Image Effects" Option is Enabled  
 VB-155302 PDF Colors Get Inverted in SP2 When Ungrouped Into a Bitmap  
 VB-155311 recurring crash in analytics in CExtendedMeshData::GetFaceVertices from 2015  
 VB-155320 File Crashing 2019 Upon Conversion to 2019 Format- GetFaceVertices  
 VB-155325 Set object fill opacity does not accept numeric input  
 VB-155331 VW2019 SP2 457960 VWX closes unexpectedly when closing the Spotlight/Lightwright Settings window  
 VB-155813 Option "Offset duplications" don't work in 3D  
 VB-155814 [Win only] VW crashes when opening attached file in build 459802 (24.0.x)  
 VB-155829 Mac OS 10.14 Mojave - Inserting some plug-ins freeze Vectorworks like a Column and Escalator  
 VB-155848 File crashes when closing Spotlight Preferences  
 VB-155877 Selection indication does not draw  
 VB-155966 SDK Regression - Wrong ObjectStateData\_Position during ObjectState kRotatedReset  
 VB-155968 "Encountered an improper argument" message shows with a certain steps.  
 VB-155976 Vectorworks crashes after publish from none active file  
 VB-155998 Lighting instrument tool fixture mode menu not functioning correctly  
 VB-156003 File crashes when opened  
 VB-156027 VW crash when changing workspaces  
 VB-156078 VW 2019 Crashes When Section Viewport is Rendered in Hidden Line within Test File  
 VB-156082 Vectorworks 2019 Hanging when Placing Different Screen Tools  
 VB-156083 IFC Export doesnt export geometry  
 VB-156097 File crashes VW when opening  
 VB-156142 Project Sharing: Backup file names are weird  
 VB-156149 Crash in Export script dialog on Mac  
 VB-156170 VW 2019 File Open/Translate hanging on a file opening  
 VB-156173 Crashes from Exceptions  
 VB-156286 VW crashes in TemporaryDocCache::GetDocID(void const\*, unsigned long) (in pdfutilitylib) (CorCalls.h:641)



**Vectorworks 2019 Service Pack 1.1  
Release Notes (2018 11 15)**

**Les problèmes suivants ont été résolus dans Vectorworks 2019 Service Pack 1.1.**

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0000	Données IFC résolues
4114	La feuillure d'une fenêtre double avec 1 section pivotante n'est pas dessinée correctement
4118	Prise en compte par les Cotations automatiques
3922	Activation du mode Insertion décalée
3499	Étiquette avec hauteur d'insertion seuil ou linteau
3712	Un double-clic sur une porte de garage fait planter Vectorworks
4216	Les troussees apparaissent et les outils fonctionnent, par contre le fichier Data n'est pas reconnu
4184	ISO-02 Dashed prefix
4146	Dupliquer sur chemin - dynamique
4153	Créer une classe sur base d'une classe standard

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**The following issues were addressed for Vectorworks 2019 Service Pack 1.1.**

1. Sheet layer viewports do not show the final rendering. Users work around this problem using a pan or zoom operation that refreshes the viewport.

VB-154242 Sheet layer doesn't show final frame until zooming or panning  
VB-154470 Renderworks backgrounds don't get rendered in VP - regression  
VB-155213 Significant Render differences between 2018 and 2019  
VB-154430 Renderworks Viewport is not refreshed after finishing the rendering

2. Renderworks sheet layer viewports occasionally fail to update, if updated more than once. In this state, the viewport is empty. To work around this problem, switch to a design layer or restart Vectorworks.

VB-155087 Update of Custom RW viewports fails after second time  
VB-154024 Renderworks not rendering after changes to viewport

3. Wall components that use class attributes do not always display properly in section viewports with merge cross sections selected.

VB-154883 AHA: Sections look wrong after updating them in version 2019  
VB-153245 Section Viewports Fail to Show Wall Pen Lines When Attributes are Set By Class

4. The attributes of cut objects in design layer section viewports are sometimes incorrect.

VB-155285 referenced file: Section do not show hatch in Section Viewport