

**Legend**

FEA : new feature | IMP: improvement | BUG:

(Including module Detection, Analysis &amp; Compliance)

#	Date	Context	Type2 Description
			<b>Version 1.8.6.8</b>
	14/02/2024	RELEASE	<b>Version 1.8.6.8</b>
		Application	<b>FEA</b> Updated links to support Cyclife-ds.net instead of Quadrica
		Clash	<b>BUG</b> [CLASH] prevent collision detection from segmentation-items
		Clash	<b>FEA</b> [CLASH] Create a trajectory on an object or group of objects
		Clash	<b>FEA</b> [CLASH] Management of trajectory play and replay with a media player
		Clash	<b>FEA</b> [CLASH] Clash object manager
		Clash	<b>FEA</b> [CLASH] Possibility of choosing colour gradients and tolerance thresholds
		DAC	<b>BUG</b> DAC module: Image thumbnails are now displayed correctly in the module
		DAC	<b>BUG</b> Exporting data in IFC format containing incomplete DAC elements (e.g. sleeve with only one side) no longer causes an error.
		Demolition	<b>FEA</b> The 'demolition' prototype is available in the EDF License
		Detection	<b>BUG</b> Correction of the stability of the application when detecting planes or pipes, by avoiding sudden closure
		Detection	<b>BUG</b> Single-pivot cylinder detection and plane detection work again
		Detection	<b>FEA</b> Pipe detections are more accurate and efficient
		Format	<b>FEA</b> Validate the creation and reading of the MSL format
		License	<b>BUG</b> activation.lic file is taken into account from the encrypted project folder and from the application folder
		License	<b>FEA</b> The EDF trusted License is in ADVANCE mode by default
		License	<b>FEA</b> Possibility of monitoring License use and proposing pay-per-use billing
		Manager	<b>FEA</b> [MANAGER] Complete interaction between SIOC Generator and Manager
		Menus	<b>BUG</b> Hide/show in all views' context menus work again
		Menus	<b>FEA</b> Transform the 'advanced' button in the context menu into a 'toggle' button
		MultiProjects	<b>BUG</b> SITE and Multicampaign modes now load correctly
		MultiProjects	<b>BUG</b> Multi-project modes: fix for reloading an unloaded project
		MultiProjects	<b>BUG</b> Default plane orientation problem in multi-project mode
		Objects	<b>BUG</b> Correction of the rotation tool on an object by clicking on the blue circle in 2D view
		Objects	<b>BUG</b> Annotation icons are displayed according to their visibility status (grey if hidden)
		Objects	<b>BUG</b> the creation of a folder now inherits the colour of its parent
		Objects	<b>BUG</b> location optimisation works again on a group of objects
		Objects	<b>BUG</b> The modification of an extruded polygon using the handles is repaired
		Objects	<b>FEA</b> management of compacted groups as a whole (deleting a sub-element deletes the group)
		Objects	<b>FEA</b> Using handles to modify an object is more efficient
		Objects	<b>FEA</b> Restrict the rotation and translation manipulators of the plan view according to their axis
		Subscriptions	<b>BUG</b> Correction of regressions on shares and subscriptions
		Search	<b>FEA</b> Search engine: move results to a group
		Search	<b>FEA</b> Search engine: ability to customise columns and integrate business attribute data
		Search	<b>FEA</b> Search engine is compatible with multi-project modes
		Coordinate system	<b>BUG</b> User markers are used correctly, enabling files to be imported taking account of the active coordinate system.
		View360	<b>BUG</b> Unintentional station change when rotating a 360 view
		View3D	<b>BUG</b> Display of 3D models no longer slowed down when selected (due to display of pivots)
		View3D	<b>BUG</b> 3D view point cloud no longer displayed in yellow for greyscale SIOCs
		View2D	<b>BUG</b> The default size of station icon is now smaller and that is better
	13/01/2025	RELEASE	<b>Version 1.8.5.8</b>
		View360	<b>BUG</b> Black 360 views corrected after a few station changes
		Application	<b>BUG</b> Fixed window initialization when starting the application (empty 360 views were displayed)
		Application	<b>IMP</b> Updating the "cacerts" signature file
	12/11/2024	RELEASE	<b>Version 1.8.5.8</b>
		IO	<b>FEA</b> The 3D model library lets you integrate 3D models and position them correctly using drag & drop
		Clash	<b>FEA</b> Clash detection can be activated on any type of object, as well as on a group of several objects
		Objects	<b>FEA</b> Advanced, multi-criteria search engine integrating searches within business attributes
		Application	<b>IMP</b> Screen capture in image or video format of the selected window works again
		Objects	<b>IMP</b> Better calculation of the size of translation and rotation manipulators for an object or group of objects
		IO	<b>IMP</b> Optimise the import of SolidWorks files by avoiding duplication of objects
		IO	<b>IMP</b> When importing IFC files where attributes are carried by groups, the attributes are propagated to the child objects.
		Objects	<b>BUG</b> Selection of a surface object is once again possible on its 2 faces, and selection of a segment is possible even if the viewpoint is inside the bounding box.
		Moteur graph.	<b>BUG</b> The display of large 3D models was abnormally slowed down
		Objects	<b>BUG</b> Correction of the progress displayed in the notification when deleting a group
		TreeBrowser	<b>BUG</b> Extruding an object no longer causes the object to be duplicated
		IO	<b>BUG</b> The absence of an Objects.txt file in an MSZ no longer prevents it from being loaded into the application
		IO	<b>BUG</b> Colour and attributes are retained when importing or converting files to MSZ
		Application	<b>BUG</b> The context menu displays the advanced menu in all views (it was not displayed in view2D or in the object tree)
	17/10/2024	RELEASE	<b>Patch Version 1.8.4.9</b>
		IO	<b>BUG</b> Fixed loading of old MSZ files
	13/09/2024	RELEASE	<b>Patch Version 1.8.4.8</b>
		IO	<b>BUG</b> Corrected display of MSZ files loaded at launch
		Objects	<b>BUG</b> Correction of the link with SMART documents when an object is selected
		Application	<b>BUG</b> Validation of correct operation of the context menu on a selected object (extrusion) corrected in 1.8.4.4
	28/08/2024	RELEASE	<b>Patch Version 1.8.3.8</b>
		IO	<b>BUG</b> Fixed bug preventing loading and integration of MSZ files for equipment sent when MySurvey is launched.
		Moteur graph.	<b>BUG</b> Correction of a flickering effect that could appear when displaying certain panoramic images in greyscale.
		IO	<b>BUG</b> The progress bar for a file import is no longer blocked at 99% in the notification (cosmetic bug).
	30/07/2024	RELEASE	<b>Patch Version 1.8.4.6</b>
		IO	<b>BUG</b> Allow loading of Repere.xml files with more than one space as a coordinate separator in the matrix
		Objects	<b>BUG</b> Fixed snapping to CAD objects when creating or editing objects
		Application	<b>IMP</b> The application allows you to choose the best Windows performance mode by specifying via the registry registration for the running executable that the executable should run on the best performance graphics card. This mode will be taken into account the next time the application is started.
		tree browser	<b>BUG</b> It is again the SITE tab that is displayed by default when the application starts (and not the GROUPS tab)
		Objects	<b>BUG</b> Moving individual points of a polyline or piping via the translation tool on the toolbar by holding down the 'SHIFT' key is functional again

X	18/07/2024	RELEASE	Patch	Version 1.8.4.5
		IO	IMP	Appropriation of MSZ files with DAC elements is only possible if the user has the full DAC license.
		IO	BUG	Autoloading some MSZ files without metadata caused the following files to be aborted
		IO	IMP	Adjusting and formatting publisher names for export and import formats
		IO	IMP	The imported file appropriation action now displays a progress bar on the group being processed
		Objects	BUG	Disable editing operations (translate buttons and toolbar rotation, context menu and property window transform operations) when the selected group is locked or contains locked items
		DAC	FEA	Creation of the DAC-Viewer version to view the data created and from the DAC module
		Manager	BUG	The external tools (SIOC Generator and MySurveyImport) are back up and running with the current version of the manager
		Graphical Eng.	IMP	Decrease the area of influence of point objects: improve performance by displaying point objects more efficiently
07/07/2024	RELEASE			Version 1.8.4.4
		IO	BUG	It is again possible to extend an existing and selected piping by right-clicking on the desired cylindrical edge on the point cloud in the 360 view or 3D view.
		IO	BUG	Textures attached to meshes on objects are imported from an MSZ file
		Objects	BUG	Compressed groups no longer allow editing of one of the objects in the group, as a locked group would.
		View3D	BUG	Loaded 2D models are no longer displayed in the 3D mini-views of modules (Model Library, DAC module)
		IO	FEA	The IFC import allows you to import the business attributes stored in the objects (requires configuring the ImportIFC.rules file provided as an example)
		IO	FEA	The following new formats are available for export and import: STL, VRML, PARASOLID (*.x_t; *.x_b), COLLADA (*.dae)
		IO	FEA	The SOLIDWORKS format (*.SLDASM, *.SLDPRT) is available for import
		IO	FEA	MySurveyFileConverter works on authorized licenses and includes the new STL, VRML, PARASOLID, COLLADA, and SOLIDWORKS formats
		IHM	IMP	The "snap", "translation" and "rotation" icons on the toolbar are more contrasted and therefore no longer appear to be disabled
		Objects	IMP	When the user enables collision detection on an object, the object is located in the 3D view that opens automatically.
		IHM	IMP	The context menu has a more pronounced separation between the section about the object being hovered over and the section about the current view
		View3D	IMP	When the user focuses in the 3D view from the 360 view, the clicked point automatically becomes the current rotation point and is centered in the 3D view.
		IO	IMP	Attribute import and display rules now allow the use of lowercase or uppercase (case-insensitive) attributes
		Licenses	IMP	The display and management of business attributes is available in all MySurvey licenses
		TreeBrowser	IMP	The tree structure of objects imported from the IFC and STEP formats is simplified by not adding the unnecessary levels specific to these formats
		DAC	IMP	ANCR objects no longer export D:LDIR values to Excel or IFC
		View3D	IMP	Better picking management in the 3D view (improved stitch creation accuracy)
		Clash	IMP	The collision detection tool has a dedicated module, in the Beta version, which presents the options that were previously available in the graphics options menu
		Objects	IMP	The translation and rotation tools as well as the creation of "self-adjusted to the cloud" box now use the axes of the current coordinate system
17/06/2024	RELEASE			Version 1.8.3.6
		View360	BUG	Fixed loading of "UHD Photo Thumbnails" assets in panoramic views
		View2D	BUG	Fixed loading of "Image" assets in plan views
		Application	BUG	Fixed the display of the connection status to SMART
		View360	BUG	Fixed the display of 3D objects in photo views (objects are not supposed to appear there)
		TreeBrowser	BUG	Locating an object in a 360 view by double-clicking the object in the tree view is repaired
		Application	IMP	Disabling unnecessary calls to the Cryptex licensing system if the license is provided by SMART
		Application	IMP	Improved tests and logs related to usage in SMART and HMVCOM. Integration of the update of the certificate file provided by Unitep.
		Application	IMP	A "local" coordinate system defined in the repères.xml file can be specified as the default coordinate system
		Application	IMP	Improved context menu: If an object is selected under the mouse, the menu displays options related to the object as well as those related to the view in question
		IO	IMP	The files in reference (AUTOLOADS) benefit from the on-demand reload system, using the context menu in the tree view. In addition, if the file is updated or even deleted on disk by an administrator, or if a new file is placed in the folder configured as an AUTOLOAD folder, the user will receive a notification allowing them to immediately accept this update and apply it to their current session.
		Partages	IMP	The sharing and subscription system has been greatly strengthened and files with the reference "AUTOLOAD" are now considered as imposed subscriptions. This will show them up in the subscription management window. The Date field in the subscription list is formatted appropriately and can be sorted
18/04/2024	RELEASE			Version 1.8.3.3
		Application	BUG	Removed non-functional buttons from the 360 view toolbar (render mode and transparency mode)
		Application	IMP	Improvement and reorganization of context menus (modeled on the existing operation in Windows): A "Standard" menu with limited options is displayed when right-clicked; A button at the end of the list displays all the "advanced" menu options, which can also be obtained by pressing the Shift key during the initial click
		Application	IMP	Replacement of the Oracle-JDK-19 embedded Java environment with Open-JDK-19
		DAC	BUG	[DAC] Fire-Damper orientation is now exported in Excel and IFC - their orientation in MySurvey is also fixed
		Démolition	BUG	Fixed a bug with the display of items used for demolition
		IO	BUG	The application no longer crashes when an altered object is present in the database (case of BOX objects whose size or position is incorrect following an RVM import)
		IO	IMP	Integration of the update of the Cadex 3.24 library allowing the import and export of STEP, IFC and FBX formats, reducing the cases of crashes when importing IFC files
		IO	IMP	Improved import rule system for RVM format and improved tooltip and property window attribute management on compacted groups
		IO	IMP	Modification of the DATAL export for the Spheres and RF (creation of ZONE/EQUI/SUBEQUI according to the selected node. It is up to the user to select the group containing the sphere objects). (The DATAL export includes the old 'PDMS-RF export' which disappears from the export formats)
		MySurveyConverter	IMP	New version 0.1.8.1 of the standalone MySurveyConverter aligned with the current MySurvey build