



14/04/2026 :

Name	Features (En)	Type Dev	Delivery Comments (EN)
▼ ViSu_v9.16.0-Official 39 ... +			
Name	Features (En)	Type Dev	Delivery Comments (EN)
Improved segmentation on the cloud	ViSu_Segmentation	Improvements	The segmentation engine has been significantly improved and stabilised: • Smoother point cloud updates following segmentation: point cloud updates are now barely affected, if at all, by segmentation operations. • Segmentation bugs fixed
[Powerwall] Support for a second flystick	ViSu_Powerwall	Feature	The ability to navigate using a second flystick. Keyboard shortcuts have been designed to be as user-friendly as possible.
Correction to room layout	ViSu_Gestion des locaux [En...	Bugs	Premises management adapts to all client data
Fix: Rotating the world changes the rotation in the lobby and vice versa	Visu_Navigation	Bugs	
[Sharing] Stabilisation of the sharing module	ViSu_Sharing	Improvements	The sharing module has been significantly stabilised in both offline and online (multi-user) modes
[Sharing] Implementation of an external folder within shared folders	ViSu_Sharing ViSu_3DModels_Import	Feature	This external folder allows 3D models to be saved and imported without having to open ViSu. How it works: • A user or a routine places 3D models in the external folder. • When ViSu is opened, users subscribed to the share see the models loaded automatically. • Conversion to ViSu format is performed only once, by the first user to open ViSu. • Other users benefit directly from the converted model and simply wait for it to load.
[Sharing][HUB] Support for official shared folder names entered via the HUB	ViSu_Sharing HUB_General	Feature	In the HUB, the administrator can create official shared folders and give them a custom name. ViSu now manages these.
[Sharing][Documents] Ability to add documents to shared folders	ViSu_Sharing ViSu_Documents	Feature	
Reading the names of official shared folders	ViSu_Sharing	Improvements	



▼ ViSu_v9.16.0-Official 39			
Name	Features (En)	Type Dev	Delivery Comments (EN)
Aleas and Elements API: bug fixes	ViSu_External_API	Bugs	Major update addressing bugs relating to random events and API elements
[API] Addition of collision management messages	ViSu_External_API	Improvements	
Visibility status of API objects to be saved	ViSu_External_API	Improvements	
[Notes/Tickets] Saving/loading visibility	ViSu_Annotations	Improvements	
New tools synchronised in collaborative sessions	ViSu_Collaboration	Improvements	New tools are now synchronised in collaborative sessions: the Plan tab, the 3D Models tab and the Documents tab. When a user opens them, they become visible and accessible to all participants.
[Desktop] Change to default interaction mode = no interaction	ViSu_Desktop	Improvements	In Desktop mode, the default interaction mode has been changed and set to 'no interaction'. This change helps reduce accidental clicks and minimises visual clutter caused by multiple property windows opening. This can be changed via the interaction modes.
[Desktop] New categorised toolbar	ViSu_Desktop ViSu_Tools	Improvements	The Desktop toolbar has been redesigned to improve usability and readability. It is now organised into categories consistent with VR, featuring a streamlined design and redesigned icons. It can be expanded or collapsed.
[Desktop] Bug fix: Camera inversion at boundaries	ViSu_Desktop	Bugs	
[Desktop] Implementation of Multi-Screen	ViSu_Desktop	Feature	ViSu is compatible with multi-screen setups. Users will be able to work on up to 6 screens. This allows for: • A dedicated navigation screen that isn't too cluttered • Work screens housing the tools Notes: Once in multi-screen mode, ViSu windows are in full-screen mode.
[Plans] Ability to zoom using the scroll wheel	ViSu_Desktop ViSu_Tools	Improvements	In Desktop mode, you can zoom in on plans by scrolling the mouse wheel

▼ ViSu_v9.16.0-Official 39				
Name	Features (En)	Type Dev	Delivery Comments (EN)	
[Desktop] Tablet moves to the front when hovered over	ViSu_Desktop ViSu_Tools	Improvements	When you hover over a tab, it automatically moves to the foreground. This makes it easier to manage overlapping windows and improves readability when multiple tabs are open.	
Improvements to the VR/Desktop switch	ViSu_General	Improvements	The time taken to switch between VR and Desktop modes has been reduced.	
First phase of improvements to 3D model loading times	ViSu_3DModels_Import	Improvements	An initial phase of improvements to 3D model loading times has been completed. The reduction in loading time is significant (loading time reduced by approximately 5)	
Updated 'control guides' for Desktop and VR	ViSu_Help_GUI	Feature	Command guides are available for desktop, VR and Powerwall. In French and English. Command guides adapt according to the connected VR headsets.	
[VR-Learning] Videos and PDFs added to Learning	ViSu_VR-Learning	Feature	In VR-Learning, the videos and PDFs used are now saved.	
New tools saved in VR-Learning	ViSu_VR-Learning	Improvements	New tools saved in a VR-Learning session: Plan tab, 3D Models tab, Documents tab. During a learning session recording, when a user opens these tools, they are saved within the learning session.	
[Avatar UI] Add a customised photo to an avatar via the interface	ViSu_Avatars	Improvements	When importing an avatar, the user can add a photo via the interface	
[2D Plans] Display annotations and documents on the 2D plan	ViSu_Tools ViSu_2D Map [Environneme...	Improvements		
[2D Plan] The 'Centre on user' button indicates the current status of 'User trac	ViSu_Tools ViSu_2D Map [Environneme...	Improvements		
Fixed latency during measurement/use of the laser on the point cloud	ViSu_Tools	Improvements	When using the laser or taking measurements on the point cloud, there is no longer any latency.	
[Tools] Ability to close a tablet from a cross	ViSu_Tools			
Change the colour of the resizing manipulator on 3D models	ViSu_3D_Models_Managing	Improvements	When resizing a piece of equipment, the resizing is proportional across all three axes. It is not possible to resize along a single axis. To avoid any ambiguity, all axes have been greyed out to illustrate this limitation (instead of the three colours—green, red and blue—associated with each X, Y and Z axis).	
[Wheel] Fixed bug when attempting to teleport to a searched-for object	ViSu_3D_Models_Managing	Bugs		



▼ ViSu_v9.16.0-Official 39			
≡ Name	≡ Features (En)	🕒 Type Dev	≡ Delivery Comments (EN)
Correction and finalisation of 'Z Is Up' (or 'Y Is Up')	ViSu_3D_Models_Managing	Bugs	
Implementation of multi-selection across different panels	ViSu_3D_Models_Managing	Improvements	Implementation of multi-selection on: the 3D panel, the Properties panel, the Segmentation panel, the Document panel, the Creation panel, and the Training panel
Open the properties panel from a component within the 3D panel	ViSu_3D_Models_Managing	Improvements	This feature is useful as it allows you to open the Properties panel for the entire piece of equipment. This avoids having to navigate back up the tree using the arrows in the properties window to select the entire piece of equipment.
Management of textured 3D model environments	Environnement Maquette 3...	Feature	ViSu now supports the display and navigation of textured 3D project models.
Further improvement to 3D model refresh rates	Environnement Maquette 3...	Improvements	The refresh rate of 3D models is now close to near real-time. On large 3D models, latency during user navigation has been significantly reduced.
Visual enhancement of the point cloud (Highlighting of contours and lighting)	Environnement Scan/nuage ...	Feature	A visual improvement to the point cloud has been implemented (contour highlighting). A Beta version is available in the settings. This feature is available in VR/Desktop/Powerwall
Further improvements to point cloud refresh rates	Environnement Scan/nuage ...	Improvements	The point cloud refresh rate is now close to near real-time.

26/08/2025 :

▼ ViSu_v9.13.0-Official_Projet 34			
Name	Features (En)	Type Dev	Delivery Comments (EN)
[Gravity] Saving/reloading collision status on 3D objects	ViSu_Collision_Gravity	Improvements	
[Gravity] Saving/reloading gravity status on 3D objects	ViSu_Collision_Gravity	Improvements	
Update of Gravity/Collision/Physics icons	ViSu_Collision_Gravity	Improvements	
Drawing on Home screens	ViSu_Drawing	Improvements	It is now possible to draw on 2D screens/plans (meeting room, projection room).
Bug fix: Following isolation/exclusion, 3D models are redisplayed	ViSu_Segmentation	Bugs	
Sharing: Ability to edit the name of a custom share	ViSu_Sharing	Improvements	
Addition of formations in a share	ViSu_Sharing	Improvements	
Replacement of the sharing type filter with 2 on/off selectors (in 3D t	ViSu_Sharing	Improvements	- 1 ON/OFF switch for official shares - 1 ON/OFF switch for personalised shares
Ergonomic improvement of the sharing interface	ViSu_Sharing	Improvements	• Added hover help • Added sharing rights visualisation
API documentation update	ViSu_External_API	Improvements	
Addition of a Play preview when creating a sound source	ViSu_External_API	Improvements	
Importing new sounds when creating a sound source	ViSu_External_API	Improvements	
Implementation of shading (lights) on 3D models	ViSu_External_API	Improvements	Shadow visualisation on 3D models
[Desktop] Ability to translate/rotate an API element	ViSu_External_API	Improvements	Ability to translate/rotate an API element (light, camera, sound source) using a manipulator. This manipulator is a 2-in-1 tool: it allows translation/rotation. It is available in the API elements context menu.
Multi-user API usage	ViSu_External_API	Improvements	
Display of names in a smaller font on the API tablet	ViSu_External_API	Improvements	
Ability to hide API elements from the API tablet	ViSu_External_API	Improvements	
Bug Fix Show/Hide a ticket/notes	ViSu_Annotations	Bugs	
[Tablet screen] Ability to select user views (local/multi	ViSu_Camera	Improvements	In the screen tablet, it is possible to choose the user view in the screen camera selector.

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▼ ViSu_v9.13.0-Official_Projet 34 ... +			
≡ Name	≡ Features (En)	📍 Type Dev	≡ Delivery Comments (EN)
Increased refresh rate for camera screens  	ViSu_Camera	Improvements	
Screen tablet: revision of fonts	ViSu_Camera	Improvements	The size of the camera names in the camera selector is larger.
Bug Fix: Problem accessing training	ViSu_Formation	Bugs	
[Aléa Lumière] Added a second default option: user light	ViSu_Formation	Improvements	
Trainer supervision interface: Added the users tab	ViSu_Formation	Improvements	Viewing the list of users in the training course
Training compatible with multiple users	ViSu_Formation	Improvements	
Ability to hide API elements from the training tablet	ViSu_Formation	Improvements	
Correction of the image display bug in VR Learning	ViSu_VR-Learning	Bugs	
Faster loading of projects containing compressed UHD photos (MSL)	ViSu_Photos HD [Environne...	Improvements	
Implementation of multi-selection on 3D tablets/Documents/Training	ViSu_Tools	Improvements	You can select multiple items to apply an option to them.
Bug fix: Colour consistency of bounding boxes/markers/manipulators	ViSu_3D_Models_Managing	Bugs	
Bug fix: Undo does not apply to colours	ViSu_3D_Models_Managing	Bugs	
Addition of rotation/scale in the properties window information + Dig	ViSu_3D_Models_Managing	Improvements	
Implementation of the options 'Return to open state' and 'Return to c	ViSu_3D_Models_Managing	Improvements	- Return to open state: The selection is returned to its state when the current ViSu session was opened. - Return to construction state: The selection is returned to its state as described in the original file.
Significant improvement of navigation in the tree structure using the	ViSu_3D_Models_Managing	Improvements	Example: It is now possible to navigate up the tree structure of very large models in a matter of seconds.

13/05/2025 :

▼ ViSu_v9.12.0-Official_Projet 10			
≡ Name	≡ Features (En)	📌 Type Dev	≡ Delivery Comments (EN)
Collision/Gravity Module	ViSu_Collision_Gravity	Feature	Ability to visualize collision points between 3D models Ability to activate gravity on 3D models or the user
Cloud Segmentation and 3D Models	ViSu_Segmentation	Feature	Ability to segment the cloud and/or 3D models Ability to move these segmentations Ability to isolate/exclude
ViSu compatible with Powerwall	ViSu_Powerwall	Feature	ViSu is now compatible with a new input device: the powerwall. Users will be able to connect via this device and access all the application's functions.
Light Management	ViSu_External_API	Feature	Possibility of placing sound sources
Sound Management	ViSu_External_API	Feature	Possibility of placing spotlights
Camera Management	ViSu_External_API	Feature	Possibility of placing cameras Camera feeds on a tablet screen
Training Module	ViSu_Formation	Feature	This module allows you to create a training course independently: ■ Creation of training courses/episodes • Addition of 3D models • Addition of cameras/sounds/lights/signals/signal buttons ■ Connection to an external simulator ■ Management of Hazard ■ Trainer supervision interface (triggering of Hazard , camera control screen)
Improved Management of 3D Model Displays	ViSu_3D_Models_Managing	Improvements	This allows for better management of the display of 3D models based on the user's position.
Revised Ergonomics of the 3D Tablet	ViSu_3D_Models_Managing	Improvements	-Possibility to modify the vertical and horizontal dimensions of the 3D tablet - Redesign of the management tab
Move on the 2D Plan with a Long Left Mouse Click	ViSu_2D Map [Environneme...	Improvements	Move around the 2D map by holding down the left mouse button.

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18/02/2025 :

▼ ViSu_v9.11.0-Official_Product 13 ... +			
Name	Features (En)	Type Dev	Delivery Comments (EN)
Sub-drawing management	ViSu_Drawing	Improvements	Sub-drawings can be managed via the creation tablet: - Create/Edit - Show/Display - Teleport - Deleting
[Desktop] Navigation in 3rd person view	ViSu_Desktop Visu_Navigation	Feature	In ViSu, it is now possible to switch from 1st person navigation to 3rd person view (avatar display).
Miniature movement manipulators attached to the tablet	ViSu_3DModels_Manipulation	Improvements	Miniature move manipulators are now attached to the tablet/property window.
Switch Powerwall/Desktop	ViSu_Devices ViSu_Powerwall	Improvements	It's possible to switch between Powerwall and Desktop
Powerwall command help display	ViSu_Devices ViSu_Powerwall	Improvements	Help with Powerwall commands in the Settings HMI
[Desktop] Gamepad navigation (Xbox controller)	ViSu_Devices Visu_Navigation ViSu_Desktop	Feature	Be able to navigate in ViSu, in desktop mode, via an Xbox controller. See the buttons in the command help in the parameters GUI.
1st version dosimetry module	ViSu_Dosimétrie	Feature	A new module takes shape in ViSu "Dosimetry module." <u>Prerequisites:</u> - 3D models of premises - Csv defining average dose rate per room - (Optional) Csv of hot spots and ALARA zones. <u>Functionalities:</u> - Visualization of average dose rate (MDR) per room (value, on 2D plan: coloring of rooms according to value) - Dosimeter and radiation meter threshold settings - Dosimeter/radiometer tool: - Visualization of the position of hot spots and ALARA zones - On-site display of MDD on dosimeter, depending on location (visual and audible feedback) - Ability to create a mission to record the dose received during an intervention (Reports)
Management of user/project variables in paths	ViSu_Datas Projects ViSu_Sharing	Improvements	Important for CDS platform admins: user/project variables can now be used in paths (including work folder/share paths)

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☰ Name	☰ Features (En)	📄 Type Dev	☰ Delivery Comments (EN)
[VR-Learning] Bug exit tracking mode, interface redisplay	ViSu_VR-Learning	Bugs	
Ability to place pdf and video in the world	ViSu_Documents	Improvements	It is now possible to place images, videos or pdf files in the world via the document tablet. Normal or thumbnail display
Improved consistency of 3D model display	ViSu_3D Models [Environne...	Improvements	More consistent display of 3D models. Previously, some elements were not displayed or were displayed when they were not visible.
Improved point cloud rendering & fluidity	ViSu_Pointcloud [Environne...	Improvements	Significant improvement in point cloud rendering and fluidity (real time)
Display/hide 3D models on 2D plane	ViSu_2D Map [Environneme...	Improvements	Via the context menu, in the management tab of the 3D models tablet

26/11/2024 :

▼ ViSu_v9.10.0-Official_Projet 19			
≡ Name	≡ Features (En)	📍 Type Dev	≡ Delivery Comments (EN)
Properties window on segmented objects	ViSu_Segmentation	Improvements	The properties window is available for segmented objects. As with other items, it provides access to applicable information and options: - Information - Move options - Segmentation tab opening For the time being, the properties panel is not available on segmented objects.
Setting editing handles on Bounding box and cylinder	ViSu_Segmentation	Improvements	Segment envelopes can be resized by grasping the handles on the faces. This allows the envelope dimensions to be modified on one axis in one direction only.
[API] BugFix: teleportation on API objects	ViSu_External_API	Bugs	When teleporting onto an API object, the user finds himself in front of its bounding box instead of inside the element.
[API] BugFix: Rotation kinematics bug	ViSu_External_API	Bugs	BugFix: A kinematics problem appeared on rotations greater than 90°.
Improved teleportation on Notes/Tickets/Annotations	ViSu_Annotations	Improvements	When teleporting to Notes/Tickets/Annotations, the user finds himself in front of them, and properly oriented. The name pop-up has been removed as unnecessary.
Flying reconnection window	ViSu_Collaboration	Improvements	In the event of a disconnection, a window appears inviting the user to reconnect to the session. This eliminates the need to return to the lobby to reconnect.
Improved disconnection detection in multi	ViSu_Collaboration	Improvements	Better detection of disconnection on weak networks
BugFix: Cannot have same avatar, otherwise bug when 3rd person log	ViSu_Collaboration	Bugs	
Solidworks: Correction of blocking problems (duplicates, import of la	ViSu_3DModels_Import	Bugs	Correction of blocking problems (duplicates, import of large files)
Launch an encrypted project	ViSu_Datas Projects	Feature	ViSu can now open encrypted projects
ReadyPlayerMe custom avatar pdf added to Home ViSu	ViSu_Avatars	Improvements	An explanatory pdf is now available in the ViSu Home next to the avatar GUI. This explains how to customize an avatar from the ReadyPlayerMe site, then import it into ViSu

Name	Features (En)	Type Dev	Delivery Comments (EN)
Incorrect interaction with fold/unfold buttons on property panel sect	ViSu_méta-données	Bugs	
Ergonomic improvement of HMI cross-section view	ViSu_Tools	Improvements	Simplification of the section view HMI by splitting it into 2: - Simple HMI with options: - Manipulators Translation/rotation - Automatic positioning - red plane masking display - Advanced HMI with options: - numerical movements Display only the normal cutting plane vector when using the translation manipulator
New creation panel with 3D drawings	ViSu_Tools ViSu_Drawing	Feature	A new creative tablet is available. It is composed of several tabs: - Drawings tab: Provides drawing-related tools. - Shapes tab (Not available in this version) - Management tab: lists created elements, drawings and shapes (Not available in this version) <u>Options available for 3D drawings:</u> - Draw in 3D using a pen (tip size and color adjustments) - Erasing parts of 3D drawings with an eraser - Save 3D drawings locally only (not multi) - 3D drawings are shared in collaborative sessions (not saved) - 3D drawings are saved in VR-Learning sessions
Less invasive VR screenshot notification	ViSu_Tools ViSu_Camera	Improvements	The VR screenshot notification appears at the top of the camera screen instead of in front of the user.
Review 3D model contextual menu, management tab	ViSu_3D_Models_Managing	Improvements	Better ergonomics: size of option thumbnails
Ergonomic improvements to standard movement HMI	ViSu_3D_Models_Managing	Improvements	Addition of useful move functions in the Simple Move GUI: - Place a selection via a target - Automatic alignment with world axes



Name	Features (En)	Type Dev	Delivery Comments (EN)
Automatic 3D model positioning along world axes	ViSu_3D_Models_Managing	Improvements	In the translation HMI, a selector allows automatic alignment of a selection according to world axes: - Vertical Z axis (up, down) - Y axis (Front, back) - X axis (To the right, to the left)
Launch ViSu with conf files defined by the HUB at startup	ViSu_Start UP HUB_Logiciels	Improvements	ViSu configuration files can be edited from the HUB. When a new version of ViSu is added to the HUB, it recovers the default configurations defined by ADMIN. This avoids having to repatriate the admin's desired configurations for each new version.

15/10/2024 :

Name	Features (En)	Type Dev	Delivery Comments (EN)
3D model segmentation module	ViSu_Segmentation	Feature	A new tablet tool gives users access to the following functions: - Create/Modify/Move a segmentation volume (cylinder, sphere, box) - 3D model environment modification - Segmentation of an environment - Segmentation movement - Isolate/exclude segmented volume - Access to list of environment modification volumes - Saving/Loading of the segmentation
Share folder update	ViSu_Sharing	Improvements	Users will be able to update their share folders.
Filter API elements	ViSu_External_API	Improvements	The user will be able to filter items in the list on the "MANAGEMENT" tab of the API tablet. Filters: - Equipment - Text - Physical data - Sensors - Signal buttons
Signal management via API	ViSu_External_API	Improvements	Signal buttons can be placed spatially in ViSu. When these are activated, a message is sent to a remote simulator, via the API, in order to execute an action. <i>Ex: Reading the kinematics of an overhead crane movement</i> The list of signals is user-configurable via a CSV file.
Sensor management via API	ViSu_External_API	Improvements	Enable the installation of IOT sensors. These sensors can be updated via the API (e.g. sensor values).
Viewing equipment in the API library	ViSu_External_API	Improvements	Get an overview of the equipment available in the API library from the "Library" tab on the API tablet.
Improved loading time for 3D models	ViSu_3DModels_Import	Improvements	Extensive work on 3D model loading times (approx. 5-6 times faster)
Improved display of 3D model import window	ViSu_3DModels_Import	Improvements	Enhanced file explorer window: - Add columns: Edit, size, creation date - Added quick access: available disks, user folders, documents, desktop
Improved design of standard/advanced information sections	ViSu_méta-données	Improvements	

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Version Tracking

April 14th, 2026

☰ Name	☰ Features (En)	⌚ Type Dev	☰ Delivery Comments (EN)
Switch between single-measurement and multi-measurement modes	ViSu_Tools	Improvements	The user can take single measurements (segments) or multiples (polylines). Default: Single measurements
[Section Plane] Display/hide red plane	ViSu_Tools	Improvements	During a cross-section, the user can choose whether or not to display the red plane.
Switch to desktop ribbon mode	ViSu_Tools	Improvements	
Improved fluidity in 3D models	ViSu_3D Models [Environne...	Improvements	

27/08/2024 :

ViSu_v9.8.0-Official_Projet 20				
Name	Features (En)	Type Dev	Delivery Comments (EN)	
New project data added: Level Design	ViSu_LevelDesign [Environnement]	Feature	The 3D models contained in this folder will be interpreted by ViSu as 3D environment models. If the user activates the "Physical" mode in these 3D models, he will be constrained by the environment. He will be blocked by: walls, ceilings, low structures, elements. He can go up or down stairs.	
[Share] Visual indicator Updated share folder	ViSu_Sharing		Indicator showing whether the shared folders to which the user has subscribed are up to date.	
Setting up 3D model sharing in collaborative mode	ViSu_Sharing	Feature	Multiple users can work on 3D models of a shared folder in a collaborative.	
Offline sharing of 3D models	ViSu_Sharing	Feature	Multiple users can work on the 3D models in a working folder without being connected in multi.	
Add a 3D model to a share folder	ViSu_Sharing	Feature		
Tablet 3D models: Add a Share tab	ViSu_Sharing	Feature	3D models tablet sharing tab: Display of sharing folders to which the user has subscribed, with associated 3D models.	
Share folder interface	ViSu_Sharing	Feature	- Shared folders section ■ View common share folders - Custom share folders section ■ Visualization of custom share folders ■ Possibility of creating a share folder ■ Possibility of subscribing/unsubscribing to a share folder ■ Clipboard copy of share folder path - Open sharing folder from Windows folder explorer - Visual indicator of the updated status of a share folder	
[API COM] Enhanced item Text	ViSu_External_API	Improvements		
Add the "API COM" feature	ViSu_External_API Licences	Feature		
Installation of an external API tablet	ViSu_External_API	Feature	This tablet is dedicated to the External API. It is composed of 3 tabs: - Login: ■ Detection and visualization of API connection/disconnection (Visual indicator). ■ Possibility of disconnecting via ViSu - Management: Display list of created elements (equipment, texts, physical data) - Library	
Define multiple 3D model library paths	ViSu_BibliothèqueModèles3D	Improvements	Define 3D library path(s) via "ASSET" conf file located in ViSu software folder	
3D Models Library: Adding categories/folders	ViSu_BibliothèqueModèles3D	Improvements	- Implementation of a categorized library : • Visualization of different libraries (ViSu intrinsic library, others) • Display of library folder tree (identical to Windows) with 3D models	

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Name	Features (En)	Type Dev	Delivery Comments (EN)
Display metadata from solidworks	ViSu_3DModels_Import Interopérabilité	Improvements	- Import metadata from Solidworks files - Display of attributes in the properties window (standard attributes, advanced attributes) Provision of an attribute display rule configuration file: allows you to define which standard/advanced attributes should be displayed (all, or specific ones).
Multiple 3D model imports	ViSu_3DModels_Import	Improvements	Select multiple 3D models for import.
Importing solidworks files	ViSu_3DModels_Import	Feature	
Project: Ability to disable photo playback	ViSu_Photos HD [Environnement]	Improvements	Disable photo management in ViSu via the "Launch.txt" conf file in the ViSu software folder. Set variable LOAD STATIONS: False
[Documents] Ability to place an image in the env	ViSu_Documents	Improvements	Create and place an image via the Documents tablet
[Measurer] Memorize measurement type (Only applied to creation)	ViSu_Tools	Improvements	
Multiple selection on 3D models	ViSu_3D_Models_Managing	Improvements	
Setting up of a contextual menu on 3D models	ViSu_3D_Models_Managing	Improvements	Context menu available on a 3D model or multiple selection

04/06/2024 :

ViSu_v9.7.0-Official + Sharing_Preview 4			
Name	Features	Type Dev	Delivery Comments (EN)
Real/Physical mode displacement	Visu_Navigation	Feature	In this navigation mode, the user is constrained by the environment. He is blocked by: walls, ceilings, low structures, elements. He can go up or down stairs.
1st iteration of 3D model sharing	ViSu_Sharing	Feature	Sharing during a live collaborative session + offline sharing Setting up a sharing folder
1st iteration of the new External API	ViSu_External_API	Feature	Implementation of an external API. This allows you to use software external to ViSu: - Play kinematics from outside ViSu - Setting up a folder to define simulated equipment - Create/move/delete messages - Display text - A plug (CDS test API simulator) was made available to test communication
Documents Tablet	ViSu_Documents	Feature	New tablet, in VR and Desktop, enabling: - Import pdf, image and video documents (access to filters by type) - View imported documents - Place documents in the environment (in progress)



04/06/2024 :

ViSu_v9.6.0-Official 32 ... +			
Name	Features	Type Dev	Delivery Comments (EN)
BugFix Tablette Web: search is still done in google search	ViSu_TabletteWeb	Bugs	
Annotation Tools available in Desktop	ViSu_Desktop ViSu_Tools	Improvements	
[Desktop] Take a user screenshot	ViSu_Desktop ViSu_Tools	Improvements	
[Desktop, Annotation] Interact with Image annotation context menu	ViSu_Desktop ViSu_Annotations		
[Desktop] Tablet annotation/ticket/note	ViSu_Desktop ViSu_Annotations		
Support for VR/desktop joystick command helpers	ViSu_General	Improvements	VR joystick command helpers (integrated into ViSu: settings interface & user assistance): - HTC Vive Pro controllers - Valve Index controllers - Other controllers Desktop command help updated
Add tooltips to system toolbar	ViSu_General	Improvements	
Exit application button	ViSu_General	Improvements	
[Desktop] Lobby/Sites 2-state teleport button	ViSu_General	Improvements	
Reorganize user folder	ViSu_General	Improvements	The user folder is better organized. => Location: "Documents/ViSu" Shortcut access from ViSu: "info" button on system toolbar, User folder tab One user folder per project: => Location: Documents/ViSu/~Project Name - InternalObjects : Elements internal to ViSu (for use in ViSu only) - Exports : Items that can be used outside ViSu - ExternalObjects : Measurements & annotations (MySurvey compatible) - Screenshots - Export tickets&Notes - VR-Learning : VR-Learning creations - Dosimetry (coming soon): Dosimetry mission reports Avatars and Documents folders (images, pdf, videos): => Location: Documents/ViSu/ - Avatars : Local avatars - ImportedDocuments : Documents imported into ViSu (images, pdf, videos)

Name	Features	Type Dev	Delivery Comments (EN)
New keyboard features (change text at desired position, return to line button)	ViSu_General	Improvements	New keyboard features: - Edit text wherever you want (In VR and Desktop) - Return to line button - Addition of arrows to move around text (Up, Down, Left, Right)
Access to a demo training scenario in the home lobby showroom	ViSu_General	Improvements	Access: Home Lobby Showroom Description: - 2 valve workstations - 2 modes: - Sandbox mode: Interact with equipment. Check links between elements (e.g. valve linked to flowmeter). - Scenario mode: Demo training scenario.
BugFix file path with network addresses	ViSu_Datas Projets	Bugs	
Creation of a dedicated Cyclife DS ReadyPlayerMe area (For customizing his personal avatar)	ViSu_Avatars	Improvements	- Access to EDF, Cyclife, Total Energies overalls - Outfits are better organized (Professional outfits highlighted) Link to Cyclife ReadyPlayerMe space: https://virtual-survey.readyplayer.me/
Open screenshots folder from camera tool	ViSu_Tools ViSu_Camera	Improvements	
[Measurement tool] Display measurement menu in ribbon mode	ViSu_Tools	Improvements	
Add tooltips to camera tool	ViSu_Tools ViSu_Camera		
Redesign zoom on plane	ViSu_Tools ViSu_2D Map [Environnement]	Improvements	Add +/- buttons and zoom bar on interaction map via laser pointer
Add a toolbar in the Plan 2D tablet	ViSu_Tools ViSu_2D Map [Environnement]	Improvements	Options: - Refocus on user - Return to current floor - Refocus on project (on displayed floor 2D map)
Display of measurements created on the plan	ViSu_Tools ViSu_2D Map [Environnement]	Improvements	
Sectional drawing oriented towards the user	ViSu_3D_Models_Managing	Improvements	When the cutting plan appears, it is automatically oriented towards the user
Move group/item to destination	ViSu_3D_Models_Managing ViSu_3DModels_Manipulation	Improvements	- Ability to move an item/group to a desired position This allows you to move an item/group without actually being in front of it.
Move a group/item via picking	ViSu_3D_Models_Managing ViSu_3DModels_Manipulation	Improvements	- Possibility of moving an item/group via picking This allows you to move an item/group without actually being in front o



Name	Features	Type Dev	Delivery Comments (EN)
Remember import location during session	ViSu_3D_Models_Managing ViSu_3DModels_Import	Improvements	
BugFix: Delete a buggy import/In progress	ViSu_3D_Models_Managing ViSu_3DModels_Import	Bugs	
User feedback when importing 3D models (via converter)	ViSu_3D_Models_Managing ViSu_3DModels_Import	Improvements	
[Tooltips] Display parent equipment names +1 +2	ViSu_3D_Models_Managing	Improvements	Display the names of parent and grandparent groups to show the real name of the equipment rather than the name of the primitive.
Miniature manipulator for moves	ViSu_3D_Models_Managing ViSu_3DModels_Manipulation	Improvements	These manipulators can be used to move an item/group from a distance (Movements/Cut plan).
Optimization & Refinement of 3D models	ViSu_3D_Models_Managing	Improvements	- Improved fluidity of navigation in 3D models - Detection of equipment from its geometry rather than its bounding box.
Possibility of modifying 3D models Projects (Modifications not saved)	ViSu_3D_Models_Managing Environnement Maquette 3D Génération P...	Improvements	3D project models can be modified. Note: All modifications are not saved! When the user switches to editing mode on 3D project models, a notification is displayed.
BugFix display of plans in Assistance GUI	ViSu_2D Map [Environnement]	Bugs	On some projects, 2D map are not displayed in the user assistance interface at startup.
Review the metric calculation system	Licences	Improvements	nb launch, nb Desktop, nb VR, nb sitch Desktop/VR

09/04/2024 :

ViSu_v9.5.0-Official 23			
Name	Features	Type Dev	Delivery Comments (EN)
[Desktop] Interact with elements if tablet open	ViSu_Desktop	Improvements	
[Desktop] Display multiple tablets	ViSu_Desktop	Feature	
System options toolbar (Information, settings, Desktop/VR switch)	ViSu_General	Improvements	- Information (Project & software info, access to log & user folder, licenses) - Parameters - Import - Switch Desktop/VR
[Bug]Tools cannot be created via the user assistance interface if the palette is not open.	ViSu_Help_GUI	Bugs	
Navigation mode modification: Joystick selection	ViSu_Setting	Improvements	Via a drop-down menu in the settings GUI, "User settings" tab change the navigation mode of a joystick (left or right joystick)
Attach/Detach object on click	ViSu_Tools	Improvements	- Activated by default only for HTC Vive Pro controllers - Can be enabled/disabled via: → settings interface → "User settings" tab → Option: "Automatic hold on click"
Redesign Tablet Annotation	ViSu_Tools	Improvements	- Annotation Icons tab - Ticket/Notes tab - Management tab
Camera tool redesign	ViSu_Tools		
Visual differentiation between Highlight Hover VS Force	ViSu_Tools	Improvements	- Hover interaction color: Yellow - Interaction color via force: Violet
Measuring with a tape measure	ViSu_Tools	Improvements	Free measurement, requiring no stitching on a physical element (cloud or 3D model)
Screenshot renaming	ViSu_Tools	Improvements	- If premises or photos named with premises name => premises name (NomPlancher_NomLocal_ScreenshotX) - Otherwise => default name (NomPlancher_ScreenshotX)



Name	Features	Type Dev	Delivery Comments (EN)
Properties tablet	ViSu_Tools	Feature	New tablet enabling: - List all open property windows (formerly tooltips) - Access item/group property windows without being in front of them
Implementation of tickets/notes (in VR) for project reviews	ViSu_Tools	Feature	Compound tickets/notes: - Name - Description - Priority ⇒ Ability to export all notes/tickets in CSV format
Reorganize tool palette	ViSu_Tools	Improvements	- Category 1: Standard tools (Measurer, 2D Map, Camera, Annotation Tablet, Web Tablet) - Category 2: 3D design tools (3D Import Tablet, Properties Tablet (tooltips), PDF, Videos) - Category 3: Specific module tools (Learning Tablet, 4D Tablet, Dosimetry Tablet, Voice Annotation)
Zoom in/out on WEB tablet	ViSu_Tools	Improvements	
Resize property windows	ViSu_3D_Models_Managing	Improvements	Initial size adjustment Possibility of resizing properties window (old tooltips)
Rename saved states	ViSu_3D_Models_Managing	Improvements	
Export polylines to MySurvey/Re-import piping into ViSu	ViSu_3D_Models_Managing	Feature	- Export polylines from ViSu to MySurvey - Extrude polyline into MySurvey ⇒ Create pipework - Re-export in vsz - Import piping into ViSu
[2D map] View 4D kinematics on 2D plane	ViSu_2D_Map [Environnement] ViSu_4D	Improvements	
[2D map] Display 3D model properties window on the 2D plan	ViSu_2D_Map [Environnement] ViSu_3D_Models_Managing	Improvements	
[2D map] Move on the plane via raycast	ViSu_2D_Map [Environnement]	Improvements	
[2D map] Display imported/manipulated 3D models on 2D map	ViSu_2D_Map [Environnement] ViSu_3D_Models_Managing	Improvements	
[2D map] Correction of empty 2D map at startup	ViSu_2D_Map [Environnement]	Bugs	

27/02/2024 :

ViSu_v9.4.0-Official 29			
Name	Features	Type Dev	Delivery Comments (EN)
<FOLDER_NAME> environment variable management	ViSu_Datas Projets	Improvements	
Project origin applied to 3D models Project	ViSu_Datas Projets	Improvements	
[Learning] Avatar mouth movements	ViSu_VR-Learning	Improvements	
Parameterization option: display blurring of invisible world	ViSu_Setting	Improvements	
[Desktop] Zooming in a photo	ViSu_Photos HD [Environnemnt] ViSu_Desktop	Improvements	
Photo output: Reset to human height automatically	ViSu_Photos HD [Environnemnt]	Improvements	
Improved photo output [In VR, Desktop].	ViSu_Photos HD [Environnemnt]	Improvements	
Highlighting of hovered/caught photo on the map	ViSu_Photos HD [Environnemnt]	Improvements	
[Desktop] Reset toolbars to photo mode	ViSu_Photos HD [Environnemnt]	Improvements	
[VR] Click to enter photo	ViSu_Photos HD [Environnemnt]	Improvements	
[En Desktop] Move tablet to bottom right	ViSu_Tools ViSu_Desktop	Improvements	
Click on categories 1, 2 and 3 of the palette with the laser	ViSu_Tools	Improvements	
Ergonomic improvement for measurements/ribbing	ViSu_Tools	Improvements	
Add a WEB tablet	ViSu_Tools	Feature	Home page can be configured. For EDF: SMART portal URL
Integration of new tablets into ViSu	ViSu_Tools	Improvements	- New design - Improved & standardized interactions (easier to handle/click)
Camera display bug	ViSu_Tools	Bugs	
Display icons on tablets	ViSu_Tools	Improvements	
[Palette] Display tool names	ViSu_Tools	Improvements	
Teleporting to an object: Highlighting and displaying the name	ViSu_3D_Models_Managing	Improvements	
Setting up different display modes	ViSu_3D_Models_Managing	Feature	- Normal View mode (display of original element colors) - Visibility status" display mode - Only hidden elements (displayed in red) - Visible & hidden elements (Visible: green, Hidden: red)

Name	Features	Type Dev	Delivery Comments (EN)
Setting up different interaction modes	ViSu_3D_Models_Managing	Feature	Interaction modes: - Hover Mode: Display element name on hover (via hand or laser) - Manipulation mode: Fast movement of an element - Display element name on hover (via hand or laser) - Free movement of an element if grabbed by hand, or clicked with laser - Normal" interaction mode: no hovering or manipulation
Changing group/item colors	ViSu_3D_Models_Managing	Feature	
Group/item resizing enhancement	ViSu_3D_Models_Managing	Improvements	
Save different states of a group/item	ViSu_3D_Models_Managing	Feature	
Create sectional views	ViSu_3D_Models_Managing	Feature	
Numerical movement of a group/item	ViSu_3D_Models_Managing	Improvements	Numerical input of moves/rotations
[2D Map] Change user's default color	ViSu_2D Map [Environnement]	Improvements	
3D model management" license	Licences	Feature	
VR Only (No Switch Desktop)" license	Licences	Feature	

18/12/2023 :

ViSu_v9.4.0-Beta_Unofficial 3			
Name	Features	Type Dev	Delivery Comments (EN)
Different display modes	ViSu_Tools	Feature	
Hiding an item or group (via tooltip)	ViSu_3D_Models_Managing	Feature	
Display item/group dimensions	ViSu_3D_Models_Managing	Improvements	

18/12/2023 :

ViSu_v9.3.2-Official 8			
Name	Features	Type Dev	Delivery Comments (EN)
Display management of integrated models (Part 1)	ViSu_Datas Projets	Feature	
Categories Watches	ViSu_Tools	Feature	
Laser doesn't stop on image/annotation	ViSu_Tools	Bugs	
Improved rangefinder ergonomics	ViSu_Tools	Improvements	
Remove palette opening animation	ViSu_Tools	Improvements	
Ability to resize tablets	ViSu_Tools	Improvements	
Display imported 3D models on their associated plans	ViSu_3D_Models_Managing	Improvements	
Transparency of items hovered over	ViSu_3D_Models_Managing	Improvements	

23/11/2023 :

ViSu_v9.3.1-Official 22			
Name	Features	Type Dev	Delivery Comments (EN)
FIX: Laser does not stop on multi-user menu	ViSu_Collaboration	Bugs	
In user.conf: Change language	Visu_Configuration	Improvements	
Desktop: On startup, display visual indicators in the user help interface, inviting you to switch to virtual tour mode	ViSu_Desktop	Improvements	
Toolbar: Options/Settings available in Desktop mode	ViSu_Desktop	Improvements	
General fluidity improvements in ViSu	ViSu_General	Improvements	
Management of "... " in paths	ViSu_Datas Projets ViSu_Setting ViSu_Help_GUI ViSu_3DModels_Manipulation ViSu_3DModels_Import ViSu_IOTensors	Improvements	
ViSu: Management of compacted photo formats (MSL)	ViSu_Photos HD [Environnement]	Feature	
Display of attributes in tooltips	ViSu_méta-données	Feature	
Highlight + Display Group/item selection bounding box	ViSu_méta-données	Improvements	
Tooltips appear on click	ViSu_méta-données	Improvements	
Tooltip display on watch buttons	ViSu_Tools	Improvements	
Improved interaction with tablets	ViSu_Tools	Improvements	
Plug-in of man-height discount on joysticks	ViSu_Tools	Improvements	
Transparency applied from Mysurvey to ViSu	ViSu_3D_Models_Managing	Feature	
Select/move object groups	ViSu_3D_Models_Managing	Feature	In the tooltips, select a group using the arrows to move up in the hierarchy.
Resize items/groups in free manipulation mode	ViSu_3D_Models_Managing	Improvements	
Save manipulations performed on groups/items	ViSu_3D_Models_Managing	Feature	
Transparency of groups/items	ViSu_3D_Models_Managing	Improvements	
Display notes for a group	ViSu_3D_Models_Managing	Improvements	
3D loading time /Lag at 100% loading	ViSu_3D Models [Environnement]	Improvements	
Display of command helpers in ViSu	ViSu_Start UP ViSu_3D Models [Environnement]	Improvements	
.lic file with fixed license	Licences	Improvements	

14/09/2023 :

ViSu_v9.2.0-Official 18			
Name	Features	Type Dev	Delivery Comments (EN)
Import and use of 3D objects (3D Library)	ViSu_BibliothèqueModèles3D	Feature	
Desktop improvements: Mouse navigation, Altimetry modification button	ViSu_Desktop	Improvements	
Desktop: at startup, display of a panel explaining keys	ViSu_Desktop	Improvements	
New vertical bar icons for display/navigation [Desktop].	ViSu_Desktop	Improvements	
Help display in ViSu	ViSu_Desktop	Improvements	
Add/delete VSZs without restarting ViSu (3D model import interface)	ViSu_3DModels_Import	Feature	
Import 3D models: Connection with MySurvey import/export module (msz, obj, fbx, step, ifc, rvm)	ViSu_3DModels_Import	Feature	
Have a different path for photos	ViSu_Photos HD [Environnemnt]	Improvements	
Change photo path (absolute path)	ViSu_Photos HD [Environnemnt]	Improvements	
Tooltip color: set color in shortcuts	ViSu_méta-données	Improvements	
Tooltip redesign	ViSu_Tools	Improvements	
Watch redesign	ViSu_Tools	Improvements	
Watch: add option Teleport lobby/site, Palette	ViSu_Tools	Improvements	
Import 3D model from wheel (tablet)	ViSu_3D_Models_Managing	Improvements	
ViSu loading window	ViSu_Start UP		
License indicator	Licences	Feature	
Floating license management (Technique)	Licences	Feature	
read Visu license file	Licences	Feature	Have a licence.lic file in the ViSu executable folder

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