



www.unistep.eu

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Unistep® software V 5.1.1

Unistep® software

Visio animation VSTO add-in, with Html and video export

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1 Unistep

Unistep (V4.0, 2025) is a major evolution of Unistep software. It exports the animated process Visio diagrams as animated HTML pages and MP4 movies (PRO version). You can switch its language between English and French. Unistep is available for licensing in either the Pro or Standard version. The PRO version adds features such as serial and drill-down process links, plus tools for integrating user data into HTML output.

2 Unistep Pro features

Unistep Pro version has additional features compared to Unistep Std:

Feature	Notes
Serial linked diagrams in Visio	After the last step of process A, control continues to, the first step of process B
Drill down (vertical) links between processes in Visio	After the step "i" of process A the control continues to step 1 of process B. At the end of process B control goes to step "i+1" of process A
Export of video mp4 files with animated processes	You can define the quality of the generated video
Features related to HTML animated file	You can define various parameters (meta...) that will be integrated in the generated HTML file.
Dedicated animated HTML file for linked (serial, drill down) processes and multi-stream (Pro version)	
Text in RTF format that will be added at the beginning of an HTML page (pro version).	

Unistep is single software that integrates Trial, Std and Pro versions, as well as English and French localizations. During the trial you can switch between Pro and Std versions, to see the differences. You choose which version to register.

You can change the language of Unistep in the setup form.

3 Requirements

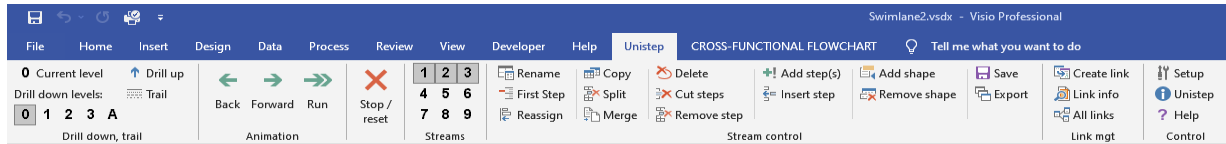
Unistep works with / needs Microsoft Visio 2016 – 2024, with .vsdx or .vsd files.

4 Unistep Package

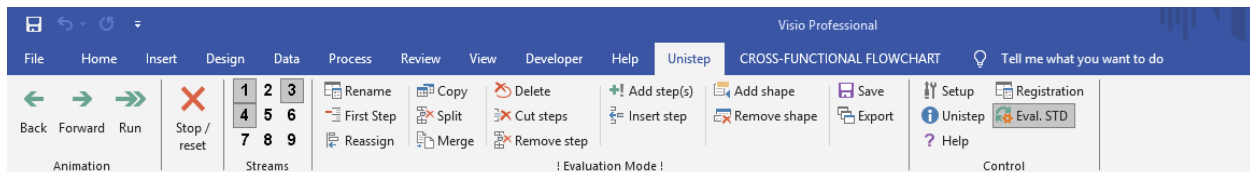
Unistep installs itself in the folder "C:\Program Files (x86)\unistep. You start Visio with your .vsdx file. The Visio menu will contain Unistep menu to create and execute animations.

5 Control ribbon

After a correct installation, Unistep display a dedicated ribbon with its commands:



PRO version



STD version

The greyed numbers correspond to the streams defined for the loaded diagram page.

In Word you can see for this document its table of contents if you check the "Navigation pane" (View menu).

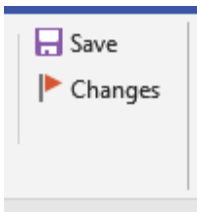
Control Group	Control	Purpose
Drill down, trail		Controls the drill down during animation
	Current level	Information. Shows the current depth level of the current step in the animation. Level 0 is the highest level.
	Drill down levels	Buttons. Indicates the depth level allowed in the animation. 'A' indicates that animation will be provided for every available level.
	Drill up	Button. The animation will jump to lower numbered level.
	Trail	Button. All animated steps stay highlighted

Control Group	Control	Purpose
Animation	Back	Animation goes one step backwards
	Forward	Animation goes one step forward
	Run	Animation will run unattended until the end. In the

		setup form you can set the delay between two steps
		A second press during the run status will make the run cycle from the beginning.
		Press STOP button to stop the run
	Stop / reset	Stops running. Stops the animation. The highlighted shapes return to normal status.

Control Group	Control	Purpose
Streams	1-9	Display the stream 1-9, if defined
		Assigns the selected shapes to a stream

Control Group	Control	Purpose
Stream control	Rename	Renames the selected stream. When animating manually step by step, when the chosen stream moves to step "n", you may change the step's name.
	First step	For the selected stream, it defines the first step number. When a stream is defined, the first step number is 1
	Reassign	Reassigns the selected stream to another stream number (button).
	Copy	Creates a copy of the current stream and reassigns it to the first available button
	Split	In the selected animated stream, it cuts all steps after the current animated step and assigns them to the first available button as a new stream, with the name <oldstream>_s1
	Merge	The two chosen streams are combined into one.
	Delete	When you select a stream, it will be removed. If you don't select a stream, every stream on the current page will be removed. You must confirm the command.
	Cut steps	In the selected animated stream, all steps after the current step will be deleted
	Remove step	During the ongoing animation, the present step will be deleted from the sequence. Each following step will

		stay in place, with its number reduced by one.
	Add Steps	In the selected stream, add the selected shapes as new steps, or as a single step.
	Insert step	In the selected animated stream, inserts a new step made of the selected shapes.
	Add shape	In the selected animated stream, adds the selected shapes to the current step
	Remove shape	In the selected animated stream, removes the selected shapes from the current step
	Save	Save the animation data. When changes are made, an indicator will appear to show that you need to save them. 
	Export	Export the animation as a HTML file, generated MP4 videos

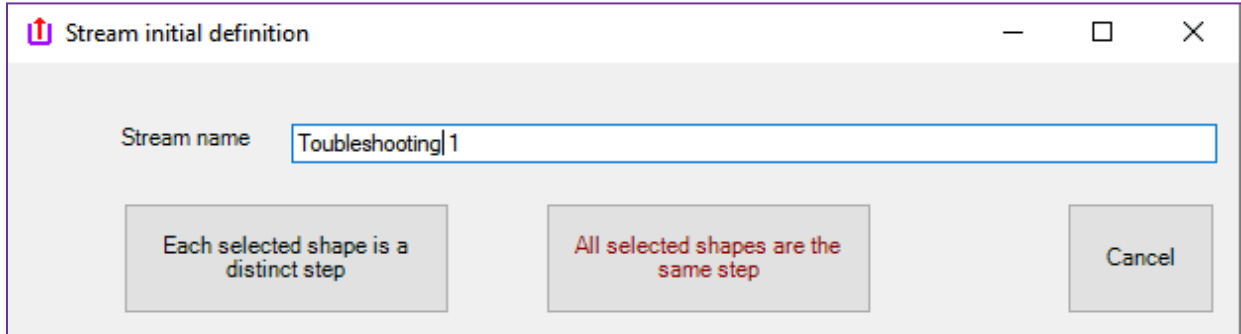
Control Group	Control	Purpose
Link management	Create link	Creates a horizontal (chained) link, or a drill down link.
	Link info	Displays the link information of the selected stream
	All links	Displays a list of all links in the Visio document

Control Group	Control	Purpose
Control	Setup	Displays the setup form
	Unistep	Unistep version information
	Help	Displays this document in Word of the current RTF reader
	Registration	Display the registration form

	Evaluation	In case of unregistered Unistep, that is, in evaluation mode, you can switch between PRO / STD execution modes, so you can see the difference.
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6 Stream definition and assignment

To define a stream, you select one or more shapes (with CONTROL Click) in Visio, then you assign (press the stream number) this selection to an empty stream. Here you have the option to define a unique step for each shape, so you must press them in desired order. The assigned steps will be 1, 2, ... Or you assign all of them to the first step.



Stream initial definition

Stream name: Toubleshooting|1

Each selected shape is a distinct step

All selected shapes are the same step

Cancel

To **replace a stream definition** (change all steps selection), the 'Add' form allows the restart a stream.

Greyed streams are defined streams in this page.

When you hover with the mouse over a stream button, it will display the stream name.

7 Stream selection (display)

To display the shapes belonging to a stream, you press the stream number. The other buttons greyed (indicating assigned streams) will be ungrayed. A second press will grey the shapes belonging to other streams. To halt the stream display, simply click the Stop button; after doing so, every button linked to the active streams will appear grayed out.

If set up, you can pick a stream by pressing its number on the numeric keypad.

8 Multi stream selection

You can select multiple streams by using CONTROL key with the stream number (Button N click or numerical keypad). The diagram will show the selected stream by highlighting it. Only the selected streams are grayed on the ribbon bar. This selection will have the animation applied to it.

To clear the selection, you press the Stop button.

To select multiple items, be sure to let go of the CONTROL key before choosing another item so it is included in your selection group.

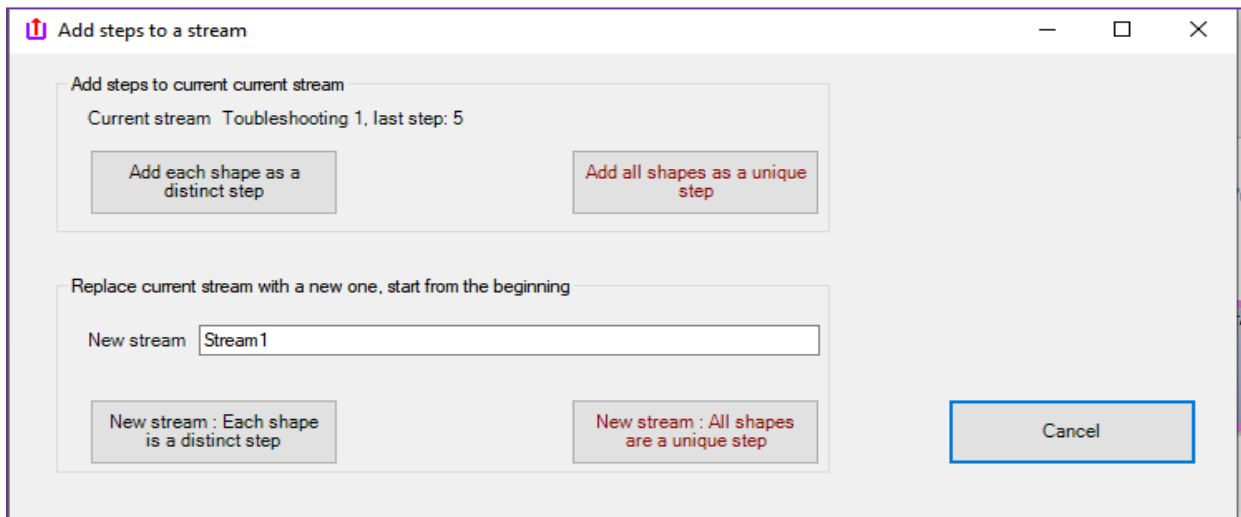
9 Stream management

9.1 Add steps.

When you define a stream, you have already added some steps.

Before adding other steps, you must select the target stream. To add steps, you select the desired shapes, then press the Stream number or the Adds steps button.

The form for adding steps will appear.



The screenshot shows a dialog box titled "Add steps to a stream". It has two main sections. The first section, "Add steps to current current stream", shows "Current stream: Troubleshooting 1, last step: 5" and two buttons: "Add each shape as a distinct step" and "Add all shapes as a unique step". The second section, "Replace current stream with a new one, start from the beginning", has a "New stream" text box containing "Stream1" and two buttons: "New stream : Each shape is a distinct step" and "New stream : All shapes are a unique step". A "Cancel" button is located at the bottom right.

With this form you can add each shape as a distinct step, or all shapes selected as a unique step.

You can also redefine the stream: delete the old stream and create a new one with the shapes selected, and a new name.

9.2 Delete steps.

To delete all steps from step N onward, except for step N itself, select the stream and animate it up to step N. Then you press the Cut button.

9.3 (Re)Name a stream or a step.

To **rename a stream**, you select it then press the button Rename. If the stream has been animated through step "n," the renaming applies specifically to that step.

9.4 Set the starting step number of a stream.

When defined, the first step of a stream is set at 1.

To change the starting step of a stream, you select the stream then you press the button First step and enter the desired first step.

9.5 Copy a stream.

Select a stream, then button Copy. The new stream will be assigned to the first available button, with the name <old name>_C1;

9.6 Split a stream.

You can split a stream starting at step N+1 into two streams.

You select a stream and animate it until step N. When you click the Split button, the original stream is restricted to step N. A new stream will be created with steps from N+1, but numbered from 1. The first available button will be assigned to the new stream, which will be named <old name>_S1.

9.7 Merge two streams.

You select two streams (with CONTROL Number), then use the button Merge. The steps will be added from stream 2 at the end of stream 1. The stream added is preserved as it was.

9.8 Stream deletion

To **delete a stream**, you select the stream (press its number) then use the "Delete" button.

To **delete all streams**, use the same button, without any stream selection.

9.9 Insert a step in a stream.

To insert a step, you animate the stream until the step after which the new step will be added. You select the shapes that will be the new step, then press the "Insert Step" button.

9.10 Delete a step from a stream.

To delete a step from a stream, you animate the stream until the step to be deleted. Then press the Remove step to delete it.

9.11 Add shapes to the current step.

You may add new shapes to a step of a stream: animate only that stream until the step required, select the new shapes, press the Add shapes button.

9.12 Remove shapes form the current stream.

You may remove some shapes from the current stream: animate only that stream until the step required, select the step shapes to delete, press the Delete shapes button.

9.13 Stream button assignment change

You can change the assignment of a stream (its number) to another free button, with the command "Reassign".

9.14 Permanent shapes

You can select a shape to be animated during all animation. An example: select a lane in a BPMN diagram as permanent shape.

To associate a shape as permanent to a stream:

1. select the stream;
2. select the shape;
3. press "Add Shape" button.

To delete a permanent shape assigned to a stream:

1. select the stream. All stream shapes of the stream will be highlighted, including the permanent shape;
2. select the shape;
3. press "Remove shape" button.

10 Stream animation in Visio

To animate a stream, you select it and then use the Move button (forward...) or keyboard arrows (if this option is enabled in the Setup form). To animate all streams, you deselect any selected stream (press the Stop button), then use the Move buttons. To animate a desired selection of streams: deselect all streams (press Stop), select the first stream (press its number), then press (Control Click) the other desired streams.

To run unattended all steps of a stream (or of all streams) press the Run button. A second press of the button will make the run continuous. You stop running with the Stop button.

To keep highlighted previous animated steps press the Trail button before starting the animation. Press it again to cancel this option.

To deactivate the animation display (when shapes are highlighted) press the Stop button.

A multiple Stop press asks for diagram restoration. Unistep will try to restore the shapes attributes if you modified manually after animation definition.

11 Stream linking

Streams may be linked, so they can chain to another stream, or “drill down” at a certain step to another stream.

Note: You can link to streams on the same page, other pages in the current Visio diagram, or pages in other Visio files. Some limitations apply:

- Link to other Visio files do not work for files on OneDrive. For a file on OneDrive, you can create links to streams in the same page or another page in the same Visio file;
- If linked Visio Files (not on OneDrive) are in the same directory, you can move the directory elsewhere, animation is kept. If files were on different folders, if you move the “called” file, animation is no more valid.

11.1 Link types

Two types of links are available between streams:

- Horizontal link (from stream A to stream B), both on the same level

After the last step of stream A, the animation will continue with the first step of stream B. The global flow will be finished with the last step of stream B

Rules that apply:

- Stream A may have only one horizontal link to stream B.
- Stream B can be connected to, or invoked by, several different streams such as A1, A2, and others.
- The stream A at its turn may called (be linked to) other streams.

- Vertical (drill down) link, from stream A (a higher level) to stream B (a lower level)

When the animation reaches the step “n” of the stream A, it will continue with the first step of the stream B. When stream B finishes, the information flow will continue in stream A with the next step after the step “n”.

Rules that apply:

- Each step in stream A can have only one drill-down link.
- Stream A may have other steps with drill down links
- Stream B may be called by multiple steps in various streams
- Stream B may have steps that drill down to other streams.
- Stream A reports (in link information) that it is linked to other streams.
- Stream B reports (in link information) only the streams that itself calls

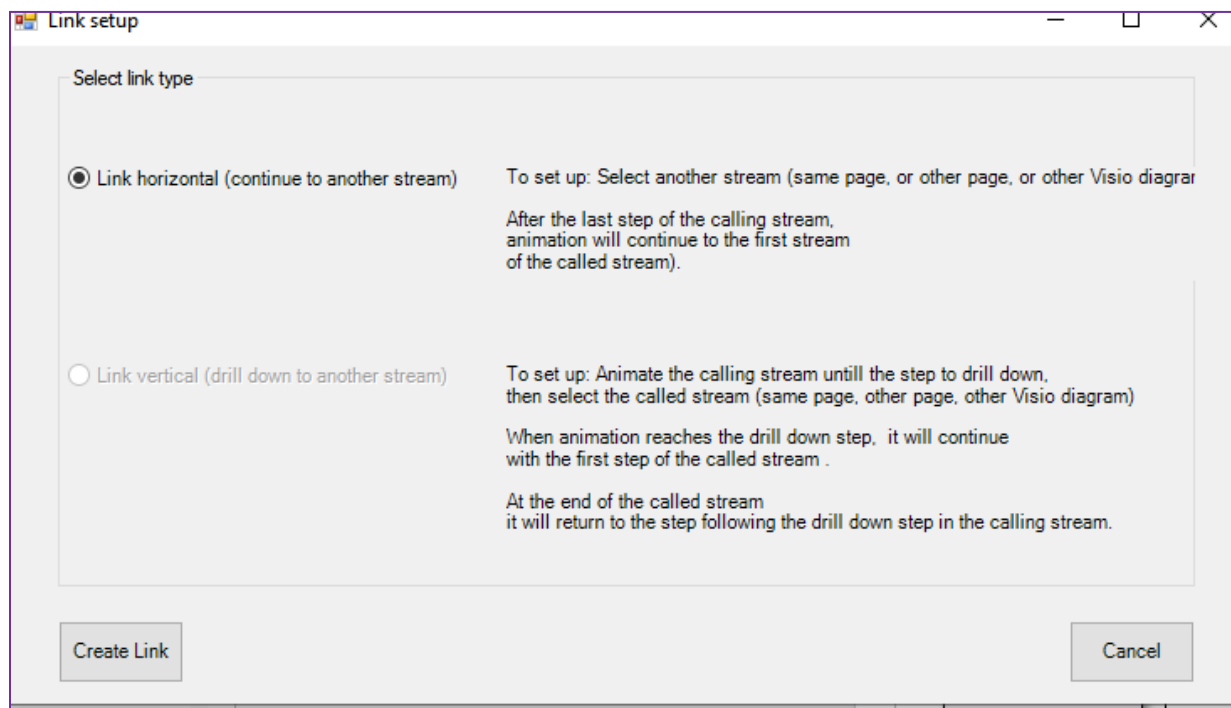
As a rule, the calling stream A knows that it calls the stream B, but stream B does not know that it is called by the stream A. This feature has multiple attributes:

- A stream B may be called by multiple streams
- Any modification in the stream composition of stream B will be considered without any other intervention.
- Any modification in stream A horizontally linked to a stream B will be considered valid.
- The stream B is not “aware” that it might be called. So, he does not report any link.

11.2 Link creation

11.2.1 Horizontal link creation

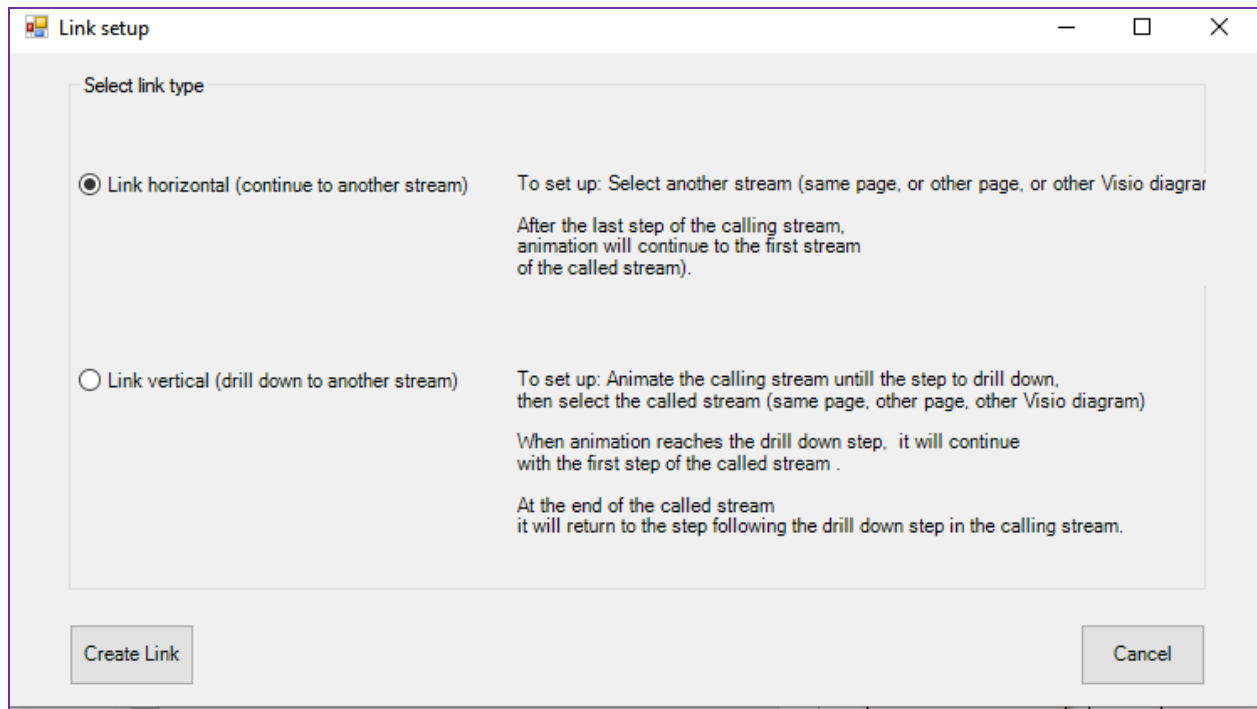
To create a horizontal link from stream A to stream B, you select an already defined stream A in a page, then press the button “Create link”. If stream A is not animated to a step, only the horizontal link will be available as choice.



To create the link, you press “Create link” button. This form will close. You select (in this page, in another page in this document, in another page in another Visio document) the target stream B then you press “Create link” button in the ribbon again. The link will be created.

11.2.2 Drill down link creation.

To create a drill down link from stream A to stream B, you select an already defined stream in a page, you animate it to the desired step, then press the button “Create link”.



Now you can select the “Drill down” type of link for this step and press “Create link”. This form will close. You select (in this page, in another page in this document, in another page in another Visio document) the target stream B then you press “Create link” button in the ribbon again. A link will be established.

11.3 Link information

You can display the specific link information by selecting the stream.

The screenshot displays the Unistep software interface. On the left, a process diagram titled 'System 1' shows two parallel horizontal flows. The top flow consists of 'Component 2' followed by 'Component 3'. The bottom flow consists of 'Component 5' followed by 'Component 6'. A vertical line connects the output of 'Component 3' to the input of 'Component 6'. A yellow highlight at the top left indicates 'n, step: 5 (Component 2)'. On the right, the 'Link points' panel is open, showing a table of link points. The selected point is 'Drill down re...' at Level 0, Step 5, Stream 'System 1 Main'. Below the table, the 'Link point type' is 'Drill down request Out'. The 'From' section shows Level 0, Step 5, Stream 'System 1 Main', Page 'System 1', and Document 'System analysis.vsd'. The 'To' section shows Level 1, Step 1, Stream 'Component 2 (Lev 1) process', Page 'Component 2', and Document 'System analysis.vsd'.

Action	Lev.	Step	Stream
Chain start	0	1	System 1 Main
Drill down re...	0	5	System 1 Main
Drill down re...	1	1	Component 2 (
Drill down re...	1	5	Component 2 (
Drill down re...	2	1	Component 22
Return Out	2	9	Component 22
Return In	1	6	Component 2 (
Return Out	1	9	Component 2 (
Return In	0	6	System 1 Main
Link Hz Rea...	0	15	Svstem 1 Main

Link point type
Drill down request Out

From
Level 0 Step 5
Stream System 1 Main
Page System 1
Document System analysis.vsd
W:\Projects\Unistep2019
\DemosNew\System
analysis.vsd

To
Level 1 Step 1
Stream Component 2 (Lev 1) process
Page Component 2
Document System analysis.vsd
W:\Projects\Unistep2019
\DemosNew\System
analysis.vsd

The link points present the internal link points (steps) between streams. You can select a point in the grid and Unistep will show the corresponding step in the corresponding diagram.

The link points may be of the following types:

Type	Meaning
------	---------

Chain start	First step of the Start of the chain links
Chain end	Last step of the chain links
Drill down request OUT	Drill down request at a step in the calling stream
Drill down request IN	Drill down request at the beginning of the called stream
Return out	End of the drill down in the called stream
Return in	End of the drill down in the calling stream
Link Hz request out	Horizontal link request at the end of the calling stream
Link Hz request in	Horizontal link request at the beginning of the called stream

An info box appears, showing related link details. A click on a link information will show the associated step in the associated stream.

11.4 Link delete.

To delete a link of a stream, you display the stream link information, then you select the point where to delete the link. The link button will be enabled to delete the link.

12 Link animation in Visio

12.1 Horizontal link animation (same level chaining)

When Unistep reaches the end of a chained stream, it will continue with the first step of the chained stream.

12.2 Drill down animation.

By convention, the highest level is 0 (zero). The lower levels are numbered 1 to n.

An information label displays the current drill down level.

When a stream is selected, all levels permissions are selected. If the page has only one stream, when you start the animation, this stream will be selected with permission for zero level only. Activate drill down by enabling the lower levels.

When Unistep reaches a step where a drill down was defined, it will go down to the first step of the linked stream, **if the Drill down level buttons allow it**. For example, if the drill down level is one, the animation will not activate level two. The drill down to level two will be ignored.

When the animation is in a drill down level (say 3), pressing the "Drill up" button will finish immediately the lower level and will bring the animation to the step on the lower level (2, in this case), after the step that activated the drill down.

13 HTML Export

For a single or multi-stream, non-linked diagram, you simply press the export button to export all streams. You can also select the streams you wish to export (CTRL +Stream button), then press the export button.

For a drill down or horizontal linked diagram, you select the stream you wish to export. Unistep will export this stream and all its links.

13.1 Export parameters form

Export parameter form - PRO mode

Unistep export HTML

Page - 'Achat client', Stream 'Processus Achat client'

Export folder HTML D:\DEV\Projects\Unistep2025\Example\Work\HtmlExport\Work

Generated Html page title BPMN3 Processus achat client

Generated Html file name BPMN3-Processus-achat-client

Generated Html folderName BPMN3-Processus-achat-client

Custom text line (displayed under the title, if present)

B / U | Color | Font: Microsoft Sans Serif | Size: 8

Ceci est un exemple d'un **diagramme BPMN animé**, montrant les interactions entre trois départements suite à une demande d'achat client. On utilise la technique hiérarchique (Drill Down) d'Unistep.

HTML page parameters

Html Keywords (meta html, not displayed) Diagramme BPMN diagram, Diagramme BPMN drill down.

Html Description (meta html, not displayed) Diagramme de process BPMN, achat client, utilisant la technique Drill Down d'Unistep.

Html Footer (displayed in page)

Author Ion Alexandre CARTIANT

☐ Insert trafic control JS (Google GA4..) - see setup

☐ Use the same color for linked streams

Export type

☒ SVG (zoomable)

☐ PNG

☒ Save all text before HTML generation

☒ Custom text centered

Default names

Html file and folder names same as page title

Video export

☒ Generate video (MP4)

☒ Multicore

Video export parameters

Main video export - Best (source * 2)

Preview: - Preview 2

Create animated Html file

Save information entered

Setup

Cancel

Export parameter form - STD mode

Unistep export HTML

Page - 'Achat client', Stream 'Processus Achat client'

Export folder HTML D:\DEV\Projects\Unistep2025\Example\Work\HTML\Export\Work

Generated Html page title Fr_BPMN3-DrillDown-Processus Achat client

Generated Html file name Fr_BPMN3-DrillDown-Processus Achat client

Generated Html folderName Fr_BPMN3-DrillDown-Processus Achat client

Custom text line (displayed under the title, if present)

☐ Use the same color for linked streams

☐ Custom text centered

Export type

☒ SVG (zoomable)

☐ PNG

Create animated Html file

Setup

Cancel

Export parameters form description

Name	Usage
Export folder	The export folder is defined in the setup page
Generated HTML page title	The HTML title of the page
Generated HTML file name	The name of the file that will contain the animation
Generated HTML folder name	The folder that will contained the animated HTML, the videos and the images
Custom text line	<p>PRO version: A text that will be added before the diagram image. There is a RTF editing box where you can associate attributes with this text. These attributes will be exported as HTML attributes.</p> <p>STD Version: A line with a custom text displayed before the image</p>
HTML keywords	A meta line with keywords inside the generated HTML
HTML description	A meta line with the description inside the generated HTML

HTML footer	A text line that will be displayed at the bottom of the page
Author	The author of the export
Checkbox: insert traffic Control JS	Insert the javascript code that was defined in the setup page. For example, the GDPR constraints. You define this code.
Checkbox: use the same colors for linked streams	When exporting linked streams, Unistep will use the color of the first stream for all the linked streams. If unchecked, Unistep will use the stream color.
Export type	Select between PNG and SGV (vectorial) quality. SVG export insures zooming without losing image quality.
Custom text centered	The custom text will be centered in page
Save all text before HTML generation	In Pro version, the text areas in this form are saved for later automatic retrieval.
Default names button	Unistep will use the Visio diagram name to generate / replace the current names for the page title, the file name and the folder name. For the file and folder names, it will replace spaces with "-".
HTML file and folder names same as page name	You may use your preferred name for the page title. With this button you assign the same name (spaces replaced with "-") to file and folder name;
Video export (Pro version)	
Checkbox: generate video file	If checked, Unistep will generated the video files
Checkbox: multicore	If checked, Unistep will take advantage of your multicore PC to reduce the video generation time
Video export parameters	To open the form that manages the video export

13.2 Video parameters form

Video export paramers

Export folder D:\DEV\Projects\Unistep2025\Example\Work\HtmlExport\Work

Main Video size

☐ Current page size (px): width 1122 - height 794 Default size

☐ Option size (px): width: 1684 - height: 1190

☒ Option size (px): width: 1856 - height: 1312

Multiplier (of source size) 1.50 1.65

Additional video as preview

☐ None

☐ Preview: (px): width 370 - height 262

☒ Preview: (px): width 562 - height 396

Max. width 3590 px

Max. height 2538 px

☐ Add line folder videos

Cancel OK

Video parameters form description

The MP4 video file respects the proportions of the original drawing. Custom sizes are a multiplier of the with / height proportion.

Name	Usage
Export folder	This is defined in the Setup form
Main video size	<p>You can use between three sizes:</p> <ul style="list-style-type: none">• The page size (as read by Unistep)• Custom - optional size 1(defined here)• Custom - optional size 1(defined here) <p>You define the custom size as a multiplier of the original size. For that you may use the slider, or enter the desired multiplier.</p>
Additional video as preview	<p>Unistep may also generate a preview video for each main video generated. The options are:</p> <ul style="list-style-type: none">• No preview• Preview 1 (small)• Preview 2 (bigger)

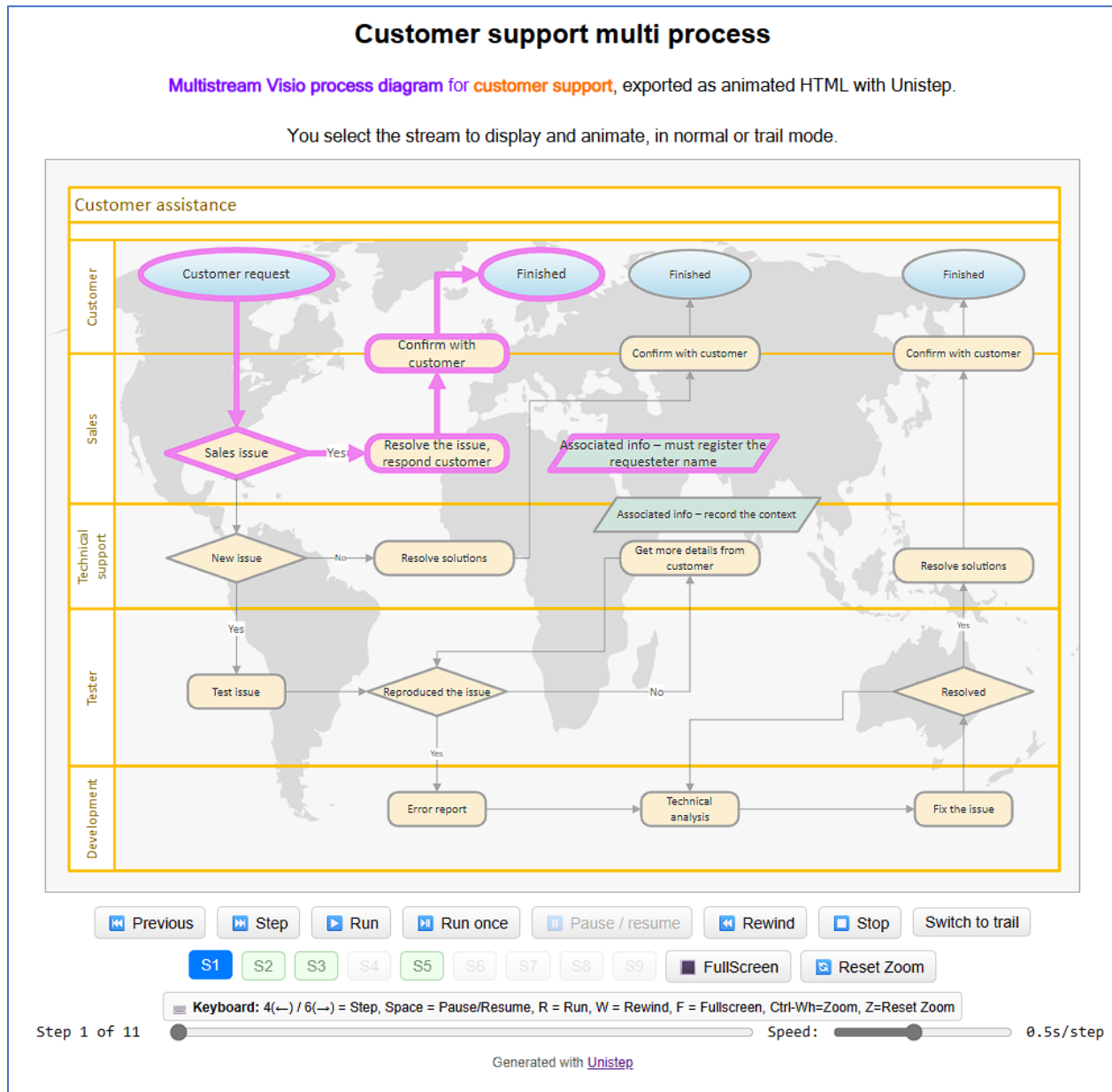
	The preview also respects the proportions of the Visio diagram.
Checkbox: Add line folder video	In the video index html file, add a line to the folder with all videos. This is useful for local video management.

13.3 [Animated HTML generated](#)

There are two types of generated HTML files:

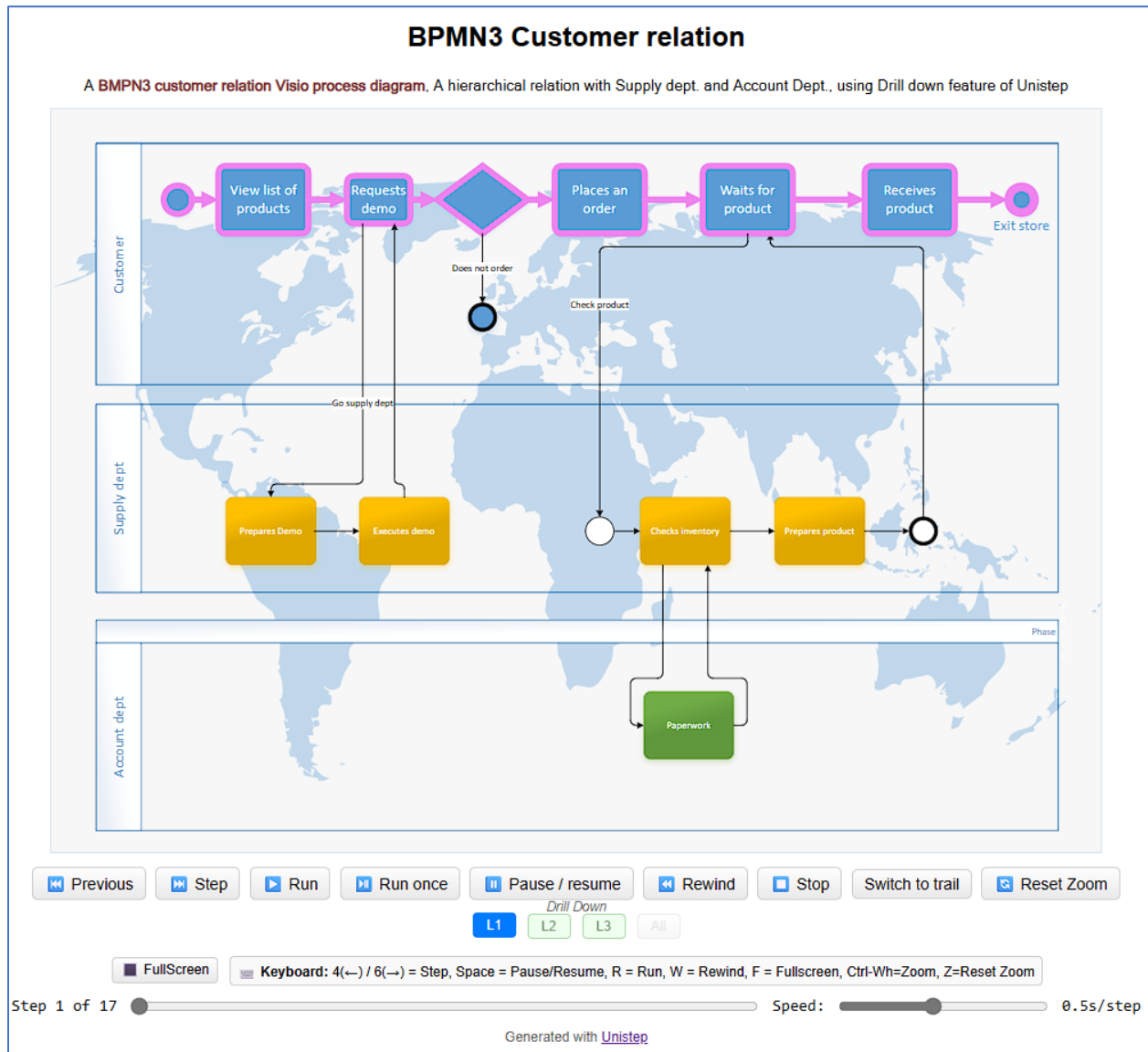
- For multi-stream diagrams
- For linked / drill down diagrams

13.3.1 Animated HTML files for a multi-stream diagrams



This page manages animation of all the streams in the diagram. It contains a button for each stream that can be animated. Green color means it will be loaded when pressed. You can activate / deactivate the trail mode of the animation with "switch to trail" button.

13.3.2 Animated HTML file for a linked (drill down) stream



This page manages animation of all the levels in the diagram. Each level features its own button, which can be animated individually—ranging from one to three distinct levels—or all levels can be animated together. When you press the green button, it will load a level. You can activate / deactivate the trail mode of the animation with “switch to trail” button.

13.3.3 Video export of multi-stream diagrams

Customer support multi process

In multistream mode, the video export contains one MP4 file per stream in normal mode, and one MP4 per file in trail model.

Stream	Problem	Resolution	Resolution	Resolution
Stream 1	Problem - Sales issue	1122×794	549.0 KB	
Stream 2	Problem - old issue - A	1122×794	628.3 KB	
Stream 3	Problem resolved with more details from customer	1122×794	1.6 MB	
Stream 5	Problem - New issue	1122×794	1.1 MB	
Stream 1	Problem - Sales issue (Trail)	1122×794	550.8 KB	
Stream 2	Problem - old issue - A (Trail)	1122×794	640.5 KB	
Stream 3	Problem resolved with more details from customer (Trail)	1122×794	1.7 MB	
Stream 5	Problem - New issue (Trail)	1122×794	1.3 MB	

Generated 2025-10-13 10:13:11Z

Unistep generates a page with all links to all video files. The page displays previews of the files. A click on the preview displays the MP4 file.

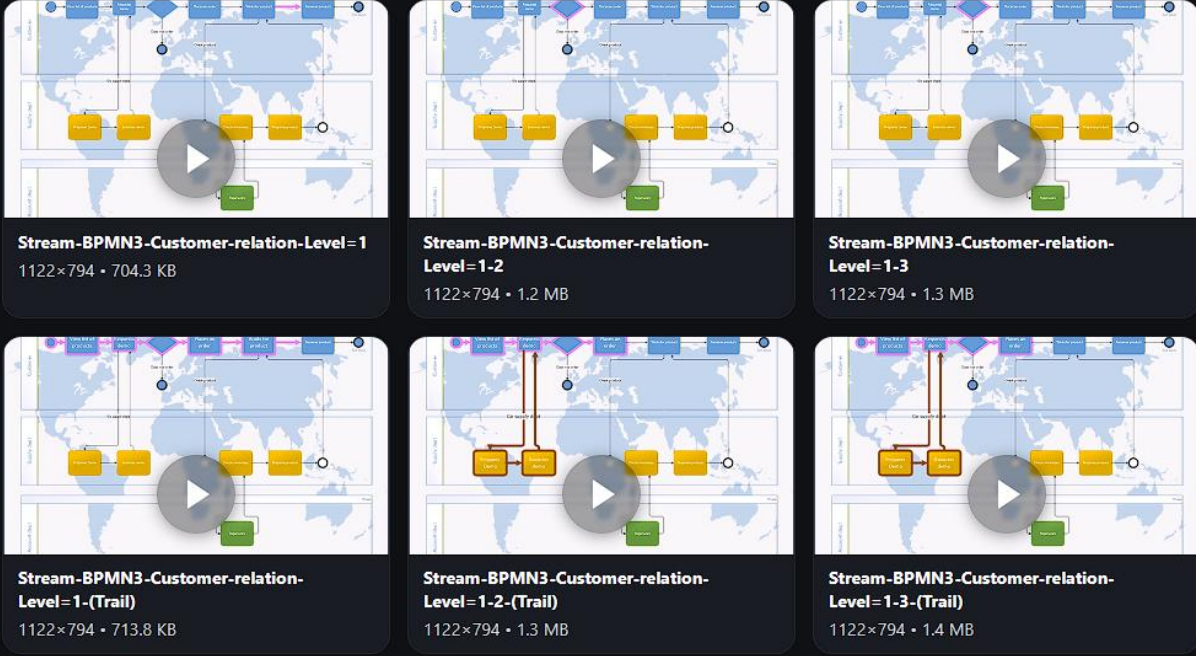
Unistep generates a video file for each stream, normal and in trail mode.

In the video folder you find main video files and previews videos.

13.3.4 Video export of drill down diagrams

BPMN3 Customer relation

In drill down mode, the video export contains one MP4 file per available level (Level 1, level 1+2, level 1+3, all levels) in normal mode and in trail mode.



Video File Name	Resolution	Size
Stream-BPMN3-Customer-relation-Level=1	1122x794	704.3 KB
Stream-BPMN3-Customer-relation-Level=1-2	1122x794	1.2 MB
Stream-BPMN3-Customer-relation-Level=1-3	1122x794	1.3 MB
Stream-BPMN3-Customer-relation-Level=1-(Trail)	1122x794	713.8 KB
Stream-BPMN3-Customer-relation-Level=1-2-(Trail)	1122x794	1.3 MB
Stream-BPMN3-Customer-relation-Level=1-3-(Trail)	1122x794	1.4 MB

Generated 2025-10-13 10:23:42Z

Unistep generates a page with all links to all video files. The page displays previews of the files. A click on the preview displays the MP4 file.

Unistep generates a video file for each level at increasing depths: level 1, level 1 - 2, level 1-3, level 1-n, normal and in trail mode.

In the video folder you find main video files and previews videos.

14 Keyboard usage

This is used to avoid animate with the mouse, also in Visio presentation mode (Visio menu: View, Presentation mode), when the mouse is invisible.

Keys	Action
→	Step on
←	Step back
↑	Fast forward
↓	Stop
Numerical keys 1-9	Same as toolbar's buttons 1-9 (highlight, isolate thread)
CONTROL +n	Add stream n to a partial selection for simultaneous animation.
INS, 0 (INS)	Toggle Trail mode

15 Stream color display

The Setup form allows each stream color. This will be saved for further use.

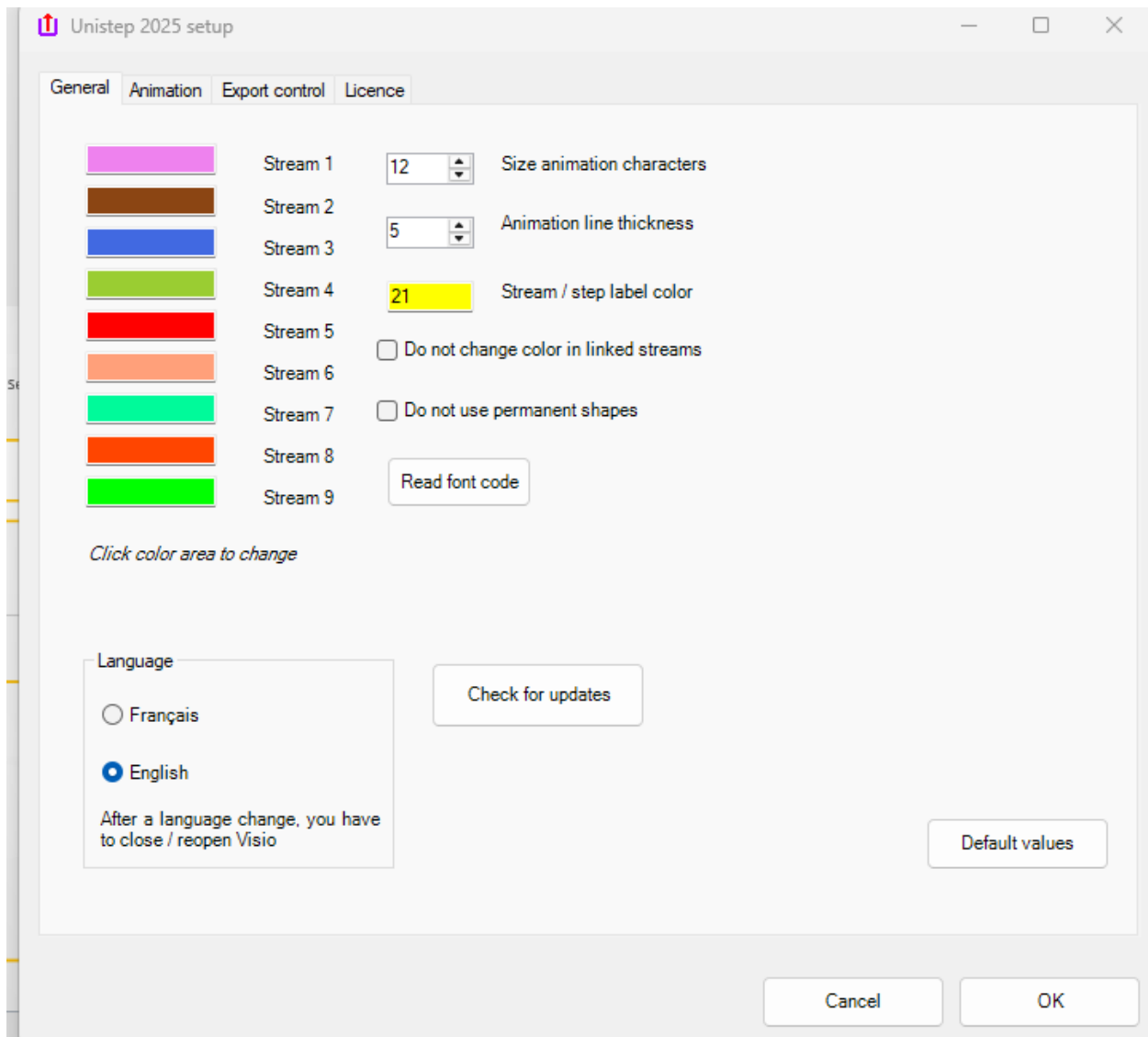
Stream save

Whenever you modify a stream, a distinctive icon appears below the Save button. To save the animation modifications, you press the Save button.

If you select a stream and then click the Visio save button, any animations will be deleted before saving, so your saved drawing won't contain animations.

16 Setup form parameters

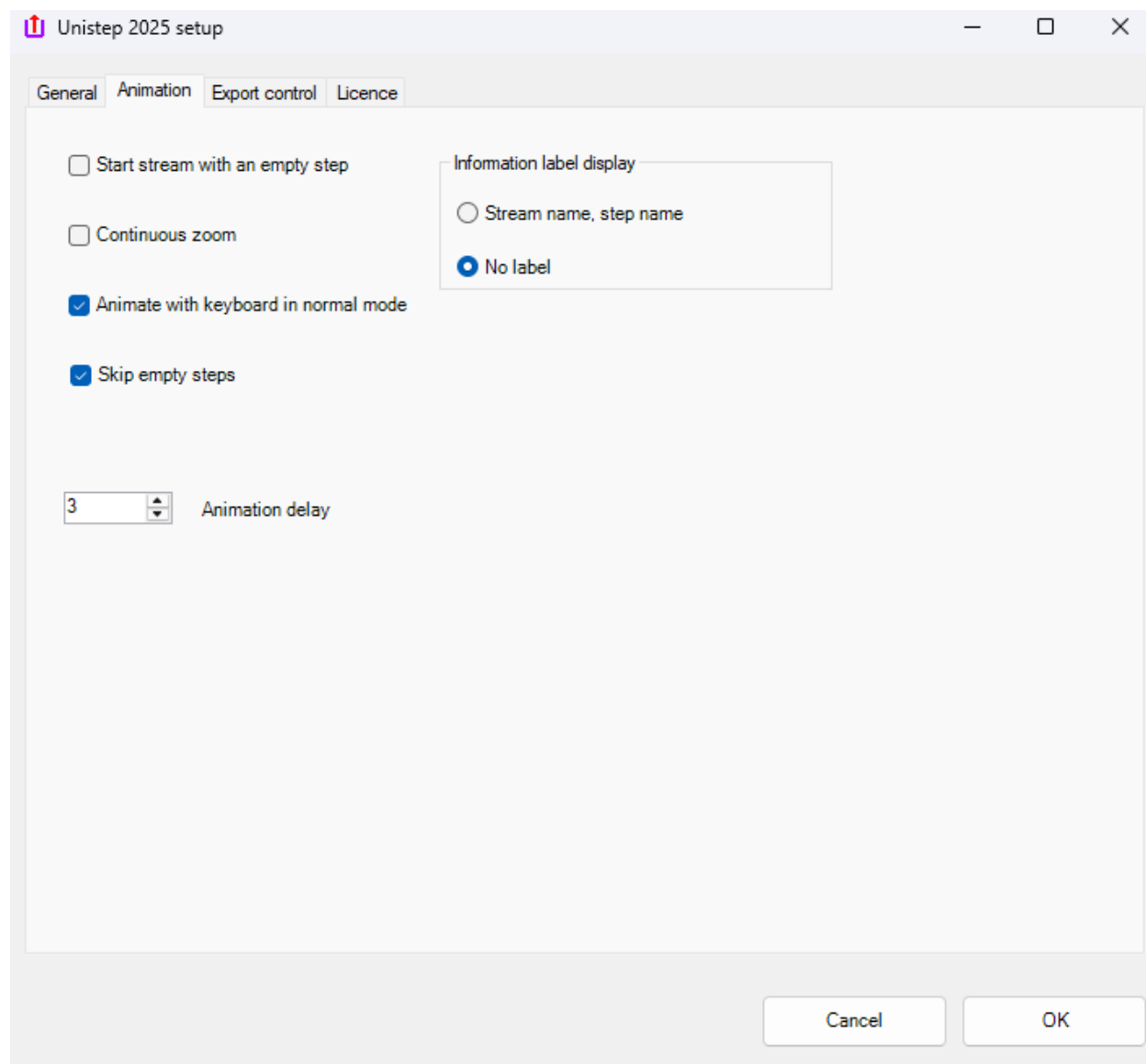
16.1 General tab



Control	
Stream "n"	Colors for streams. Double click to select color.
Stream name Color	Color of the information box (if enabled) with stream name.

	This section also includes details about the font (specified by an internal Visio code) used for this shape.
Read	Specifies which font will appear in the information stream label. You display this label (for example, animate a stream), modify its font, then press "read".
Default values	Sets the color default values and saves the configuration file
Do not change color in linked streams	Unistep will keep the color of the first stream when it jumps to linked streams
Diagram messages in French	Messages displayed by Unistep on the diagram and on exported Web pages are in French
Check for updates	Unistep will show a form to check on Unistep.eu site if an update is available

16.2 Animation Tab



Control	
Information label display	<p>Displays an information box during animation, according to the selection.</p> <p>Note 1: the step name may be either your own definition, or the first shape name in the step (a step may have several shapes).</p> <p>Note 2: In linked streams (Pro version) the information label displays the calling / return step / stream</p>

Start stream with empty step	Stream animation starts with an empty step
Continuous zoom	Keep the current animated step in the center of the window.
Animate with keyboard	<p>Use the key Numbers to select the stream. Use key Number + Control keys to select a supplementary stream. Use the keyboard arrows (Left / Right) to step through animation. Use the Down arrow as the stop command. Use the Up arrow to run.</p> <p>Using the Down arrow several times will ask about diagram restoration.</p>
Skip empty steps	When animating, jumps to the next nonempty step.
Animation delay	Increases / decreases the delay between two steps in run mode

16.3 Export control tab

The screenshot shows the 'Unistep 2025 setup' window with the 'Export control' tab selected. The window has four tabs: 'General', 'Animation', 'Export control', and 'Licence'. The 'Export control' tab contains the following settings:

- Export type:** Radio buttons for 'SVG (zoomable)' (selected) and 'PNG'.
- HTML page parameters:** A group box containing:
 - Html Keywords (meta): Text input field.
 - Html Description (meta): Text input field.
 - Html Footer (displayed): Text input field.
 - HTML author: Text input field.
 - Traffic manager (Google G4...) file: Text input field with the value 'D:\DEV\Projects\Unistep2025\Docs\4 Web\GoogleG4-IC.txt'. Below it are 'Open' and 'Search traffic mgr file' buttons.
 - ☒ Add traffic JS
 - ☒ Generate Open Graph (OG) marks in HTML
- Export folder (animation):** Text input field with the value 'D:\DEV\Projects\Unistep2025\ExampleWork\HtmlExportWork'. Below it is a 'Search' button.
- ☒ Video export muticore
- ☐ In HTML video, add link to folder with generated MP4

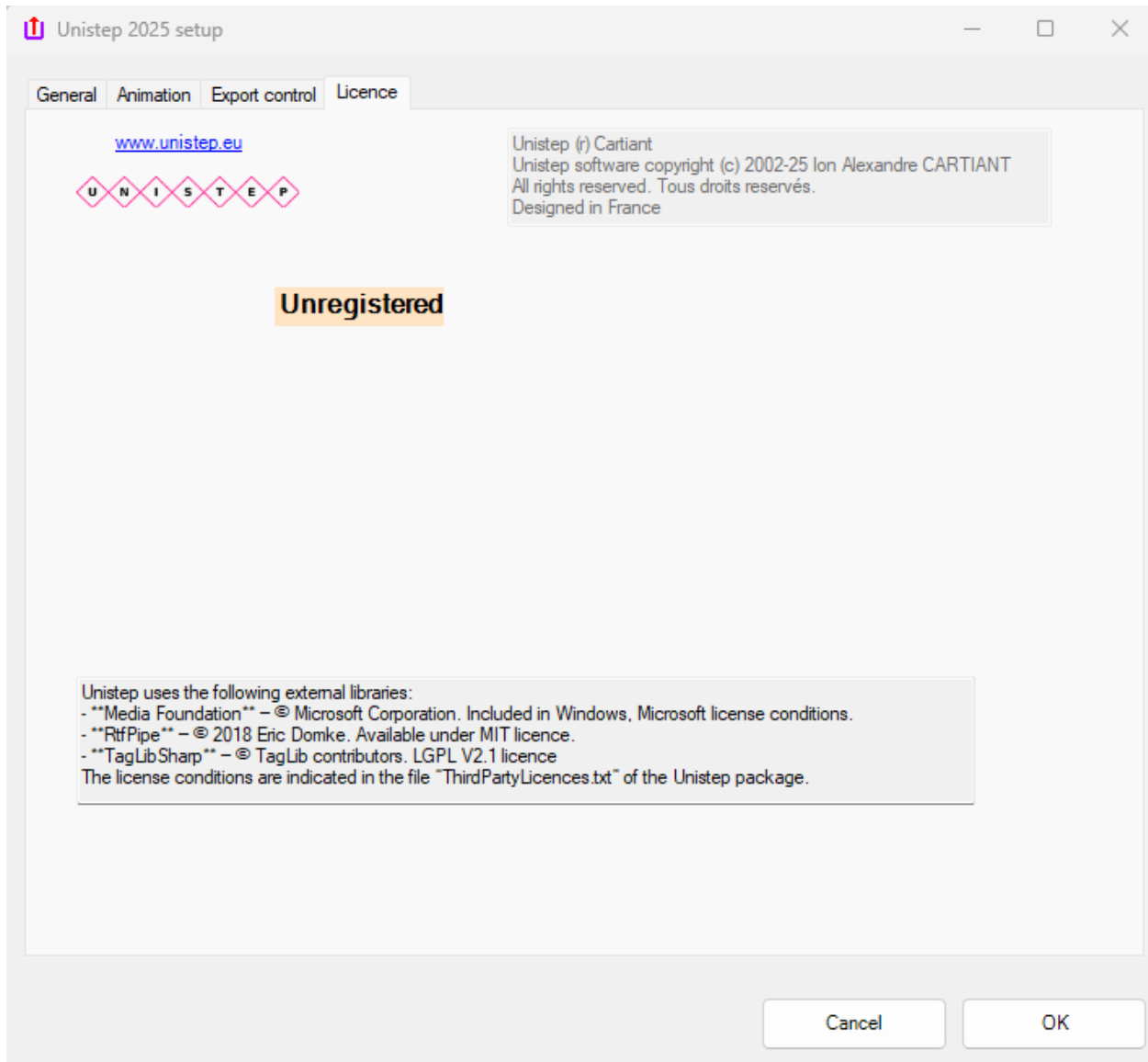
At the bottom right of the window are 'Cancel' and 'OK' buttons.

This tab contains export parameters. Some of them can be overridden in the Export form.

Export type	Type of animation images generated. Select between PNG and SVG export types
HTML keywords (meta)	Meta information in the HTML file for keywords
HTML description	Meta information in the HTML file for page description
HTML footer	Information displayed at the bottom of the Html page
HTML author	Meta information in the HTML file for author

Traffic manager file	Optional included file with javascript controls (for GDPR, Google GA4...)
Button: Search traffic manager file	Search the traffic manager file to be included
Button: Open	Display (in Notepad) the traffic manager file
Checkbox: add traffic JS	If checked, add the traffic file in the html page generated
Checkbox: Generate OpenGraph marks	If checked, add Open Graph (OG) meta information in the generated html (for Meta, X-Twitter, LinkedIn...
Export folder (animation)	The folder where the animated HTML will be stored
Video export multicore	Use multicores to generate MP4 videos
Checkbox: In Video Html, add link to folder	If checked, add in the generated index.html file for videos a link to the folder. This is useful for local tests, local videos distribution. In the index.html file and the videos are set on a web server, usually this action is forbidden by the server.

16.4 License tab



This tab displays the current registration status (information only).

17 Registration Form

Unistep registration

www.unistep.eu

UNISTEP

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Designed in France

[Compare Unistep versions STD / PRO](#)

Version Pro

Serial N°: U25-P0607-06516-35111-381

Version Pro: [Get an activation code](#)

Activation code:

Version Pro:

Activate

Key file absent

Version Std

Serial N°: U25-S0607-06516-91601-398

Version Std: [Get an activation code](#)

Activation code:

Version Std:

Activate

Key file absent

OK

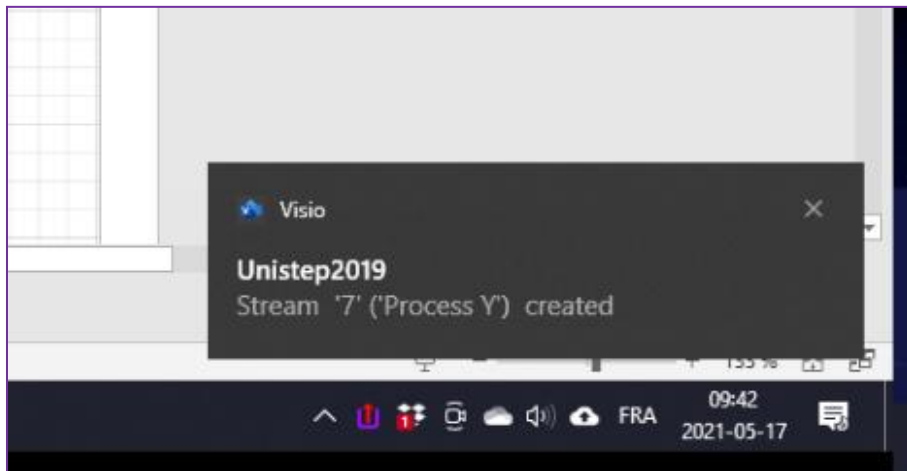
This form shows the serial numbers for the PRO and STD versions.

Get an activation code	Link to the registration page on unistep.eu site of the Pro / Std version. By clicking this button, you make sure that the Pro or Standard version's serial code is sent for registration.
Activation code	Area to enter the activation code received
Button Activate	Validate the activation code.
Compare Unistep versions	Linke to a page on Unistep.eu site that compares Unistep versions PRO / STD

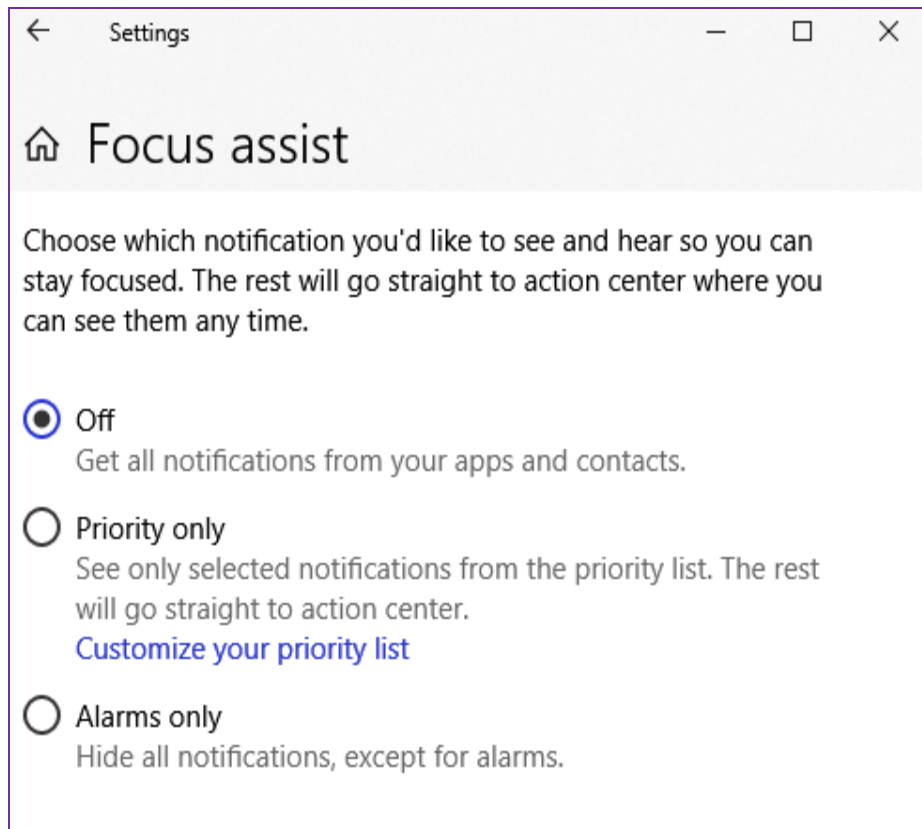
18 Using System tray

18.1 Messages

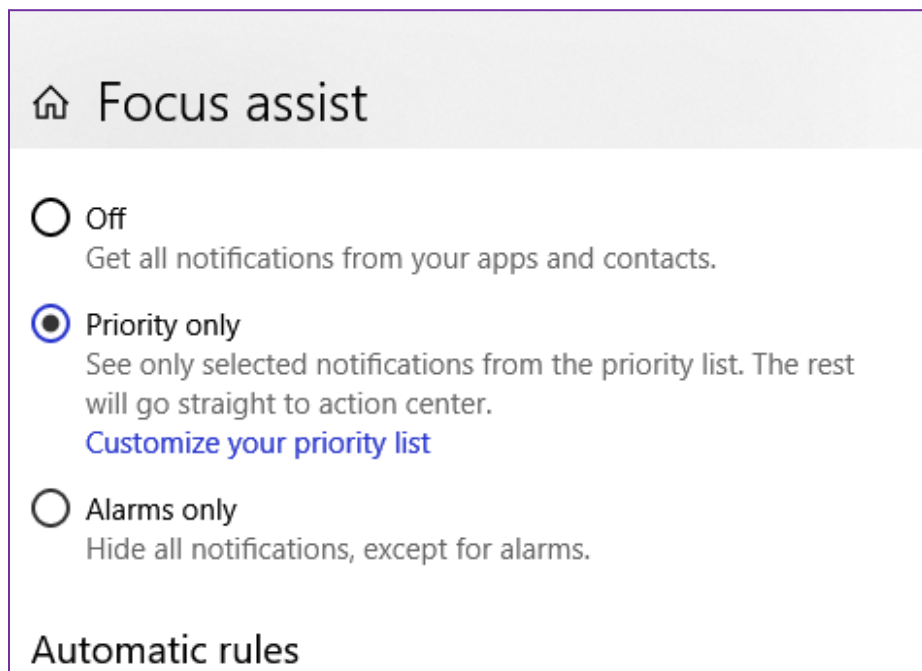
Unistep may display temporary messages in Windows Tray.



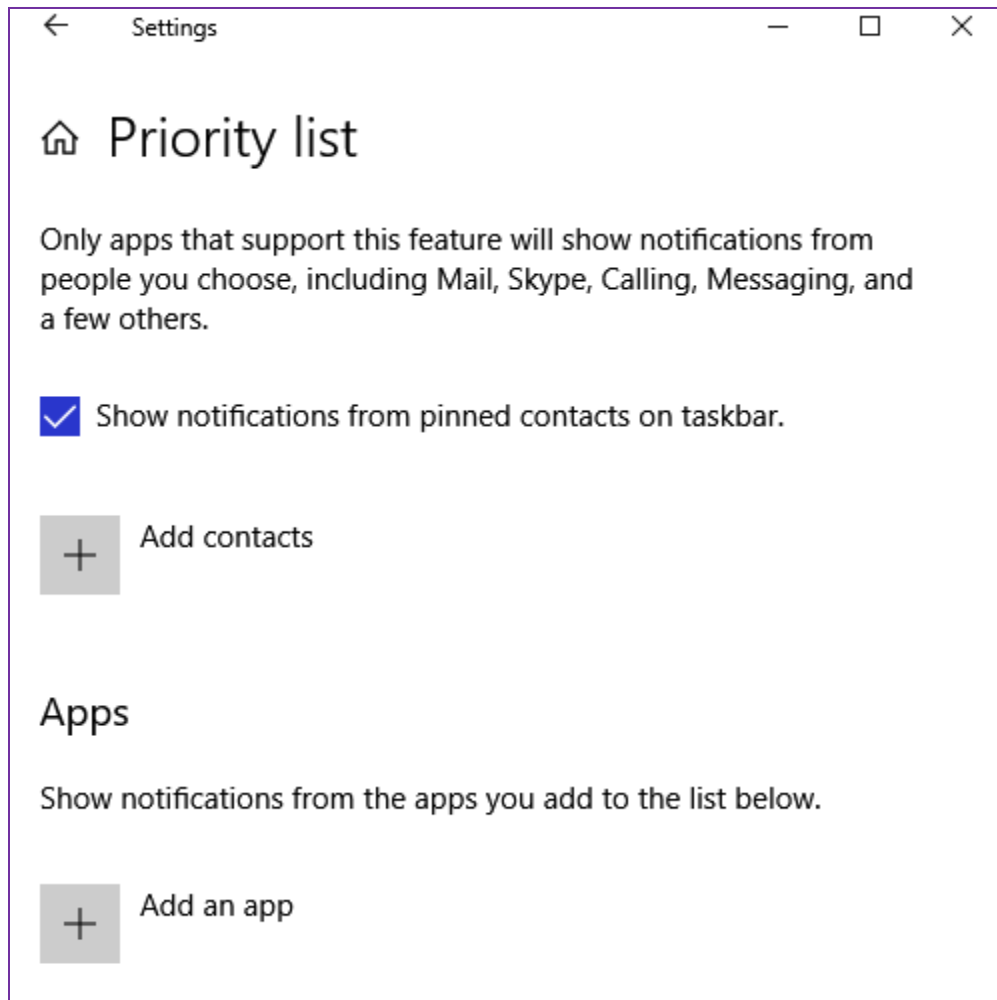
To display messages as they are generated, you must set "Off" the "Focus assist" parameter in Windows settings.



or

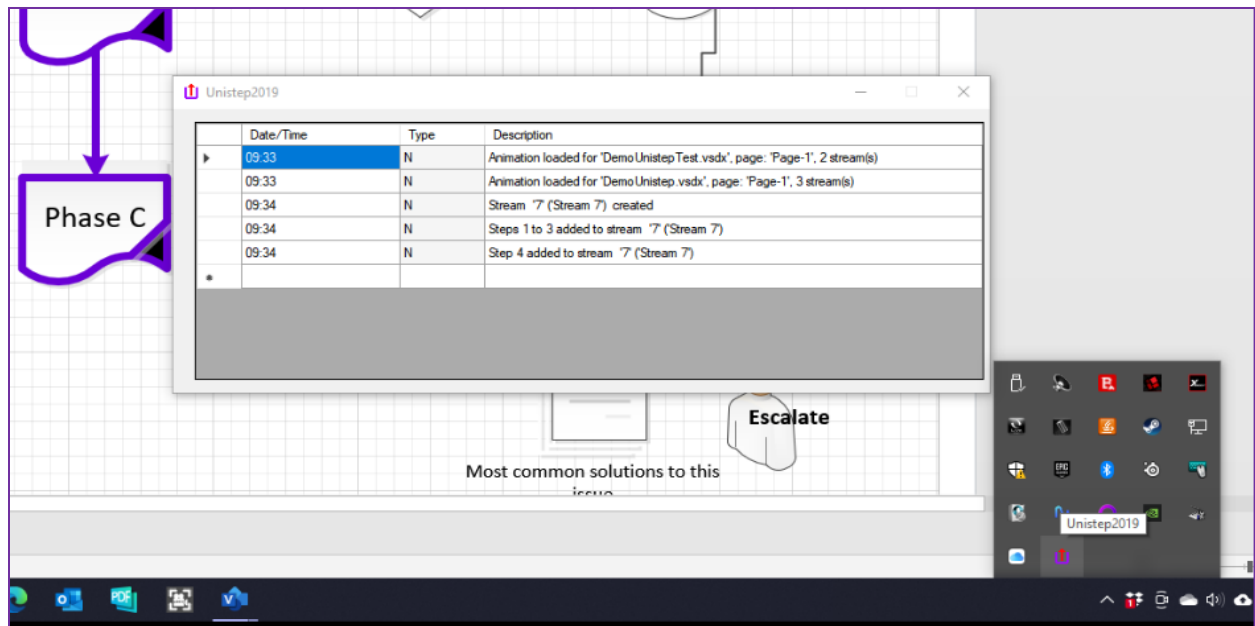


To avoid resetting of Focus assist, you may set it on "Priority only" and add Visio to the app list.



18.2 List of messages in current session

Also, a double click on Unistep icon in the system tray displays a form with the latest actions since Visio was started.



19 Unistep files management

19.1 User manual

This information file is available also in the Unistep install folder.

19.2 Animation data

Unistep stores the animation data for each animated diagram as an XML file in a folder named '_unistep' within the current directory of the animated diagram. To keep the animation, move the animated diagram along with its folder and related animation data to another location.

If you change the name of the diagram, Unistep will change the name of the xml animation data file. If you delete a page in the diagram, Unistep will delete the associated data in the Xml file.

19.3 Setup data

Setup data is saved in the folder:

[x:]\users\[zzzz]\appData\Local\unistep

Where <x> is the drive and <zzzz> is the user name.

19.4 File Registration key.

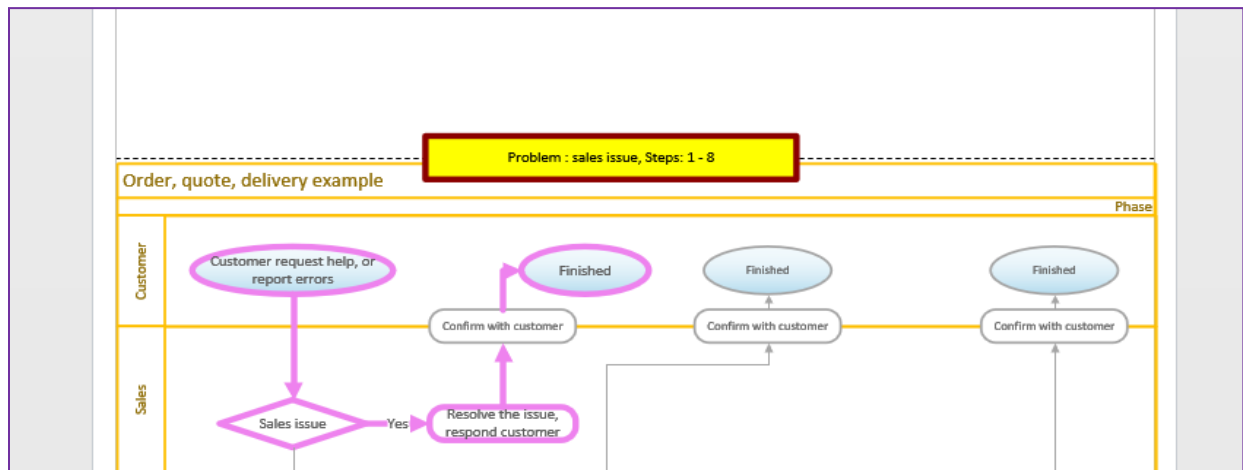
The file key registration file is saved in the folder:

[x:]\ProgramData\unistep

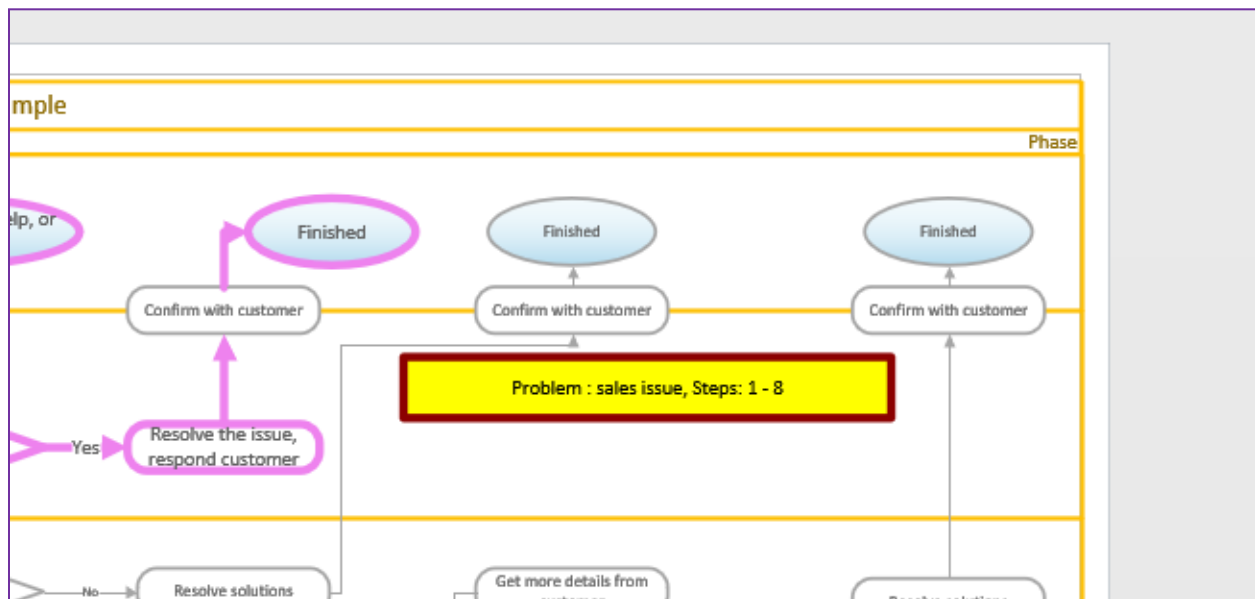
20 User tips

20.1 Display of step and stream information

Depending on printer setup, Visio may change the page dimensions and display the step label on a new page.



The information label can be moved, when it is displayed. It will keep its new position in the page.



20.2 Start a new diagram.

Save your new diagram before adding any animation.

20.3 Stop button processing.

During a stream run:

- The first stop press stops the run.
- The second stop clears the animation, but the stream stays selected in the button group. You may add steps if required or any other actions that require a unique stream selection.
- The third stop clears the selection; all stream buttons are validated.

During a stream selection:

- The first stop clears the animation, but the stream stays selected in the button group. You may add steps if required or any other actions that require a unique stream selection.
- The second stop clears the selection; all stream buttons are validated.

After four consecutive stops, Unistep asks to reload the animation file (and ignore any pending modification)

The STOP button also stops the web export.

20.4 Select and animate a group of streams.

You have defined, say, 5 streams. To display only streams 1 and 3, select stream 1, press "Control" key and select stream 3. You can now animate only these streams.

20.5 Define the start of a stream after the ending of another stream.

You can animate the stream "1" to its end. Take notice of the last step number (displayed in the stream step label). Select stream 2. Press "First step" button. Enter the last step +1.

20.6 Create long streams.

To create a long stream, you may create partial sequences. Then you can merge them.

20.7 Move animated diagrams to another folder.

The _unistep subfolder below your diagram folder contains animation data as xml file per diagram: _uni_**diagramName**.xml. If you move the diagram, you must move also the _unistep folder to keep the animation.

In the PRO version, the data entered when exporting a diagram is saved in the folder '_unistepExportTxt' as xml files per each diagram: **diagramName**.xml. If you move the diagram in another folder, you must also move the corresponding .xml file.

20.8 Software reinstalls

If you want to install Unistep on another computer, you must re-register it. You may reinstall it on the same computer, the key file stays valid.

20.9 Diagram restoration following animation.

Normally Unistep de-animates a diagram before disk save. But you may save it with some animation steps. To restore the normal situation, you must restore manually the status of the animated shapes. Usually this is a simple task to do, by using the Format Painter command. Once restored, you must use the Unistep save button.

20.10 Animation of grouped shapes

Some group shapes used as icons in Visio stencils do not support direct animation, since animation attributes either cannot be applied or, once applied, cannot be reverted. Ungroup the shape, then select it as an animation step. Or replace it with another shape.

20.11 Page Change

When you change from one page to another, Unistep checks if you have modified the animation in the old page. If yes, it will save the document and the animation data on the page.

20.12 Disabling / reenabling Unistep

You can disable the Unistep Addin in Visio. If you reenable it, you must close and reopen Visio to use Unistep.

20.13 Diagram and page renaming.

If you 'save as' the current diagram to another folder, the animation information will be preserved.

The animation will remain intact even if you rename the page.

20.14 Links and File folder change

When working with links in a Visio diagram, Unistep lets you move the diagram folder while keeping the links intact—if you also move the associated _unistep folder and its contents, which store link and animation data. Else you will have to redefine the links. If you move the _unistep folder and its contents, the stream and animation definitions will remain intact.

21 Unistep trademark

Unistep is a registered trademark in France by Ion Alexandre CARTIANT.

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