

▶ VIDEO EDITION

Premium 2018



# Editorial

Dear users,

with the 2018 update, we are not only delivering a new program version, but are also setting a milestone in the development of ViSoft Premium on which we have been working for 5 years.

The innovations will give you pleasure beyond 2017. Our annual update releases in fall provide you with an outlook on working with ViSoft Premium in the following year - so you have now 2018 version instead of 2017! The 2019 update will follow next fall.

In the last 5 years, we have created a new generation of real-time graphics. The clear jump in quality is particularly evident in lighting. The realistic light physics will make your projects more realistic, beautiful and even more accurate.

In addition to the real-time graphics, we have also newly set up Photo Tuning. By integrating the V-Ray rendering module, which is also used for Hollywood film productions, your Photo Tunings are now even more beautiful, easier to create and twice as fast!

You can also look forward to the advanced sidebrowser and the accessory fast function. All these and other innovations are due not least to your constructive feedback and we hope for your future ideas and ideas.

The entire ViSoft team wishes you all the best for your new ViSoft Premium Update 2018!



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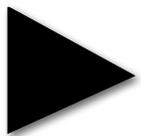


News in Update Video Edition is very simple:

Within the content just click on the chapter which you are interested in and you will automatically jump to the selected page.

If you want to see an extended explanation of the function, click on the arrow and the selected ViSoft Premium video will start.

**Click on this arrow  
on top of a page to  
start the particular video**



New functions: Direct. Quick. Easy.

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# New Functions

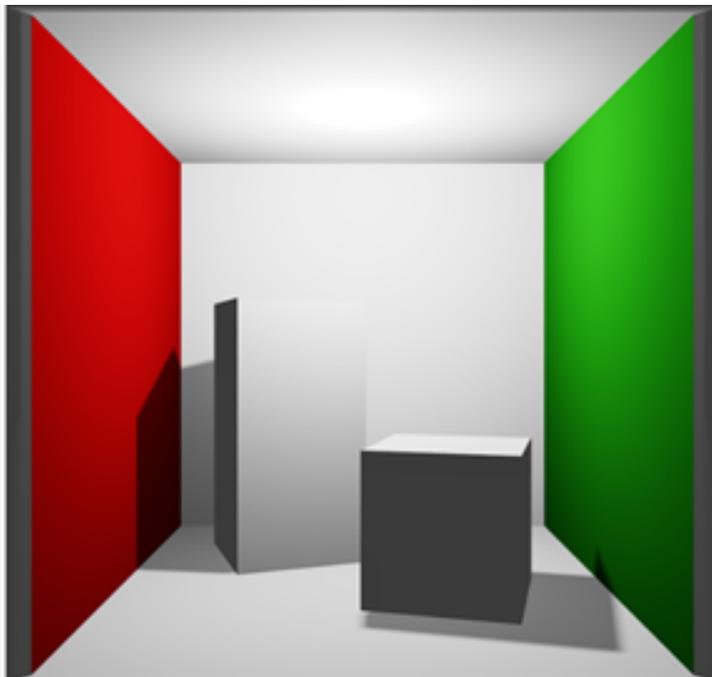




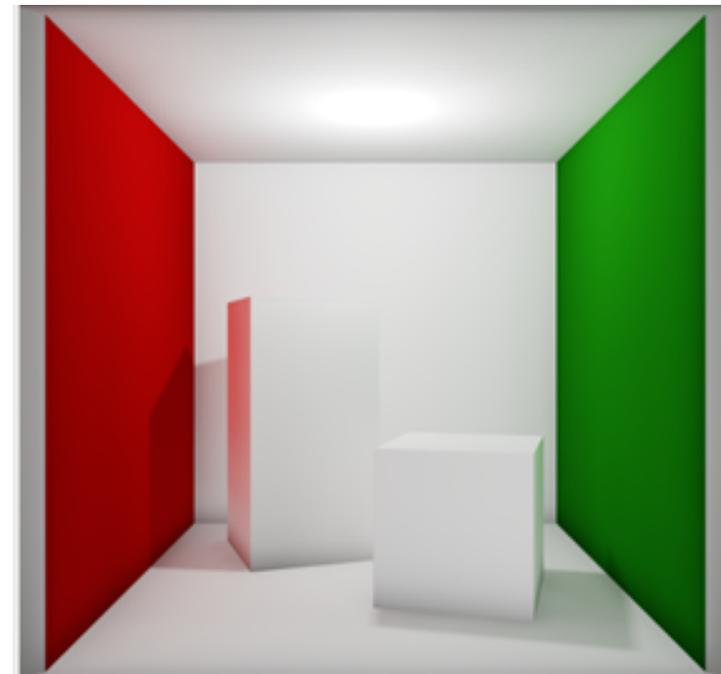
## New generation of real-time visualisation with Direct X 11

In the last five years we have totally redeveloped our realtime visualisation. The significant rise in quality is especially visible in the realistic, physically correct illumination (see pictures below), the 3D surface structures, the reflections and the shining of glass, tapware and sanitary objects (see next page) – everything in real-time!

Old: Light is not reflected and creates false shadows.



New: Light is realistically reflected many times and transports colour.



# Real-Time Visualisation

## New generation of real-time visualisation

Real-time graphics with reflections and the shine of glass, tapware and sanitary objects.

2016



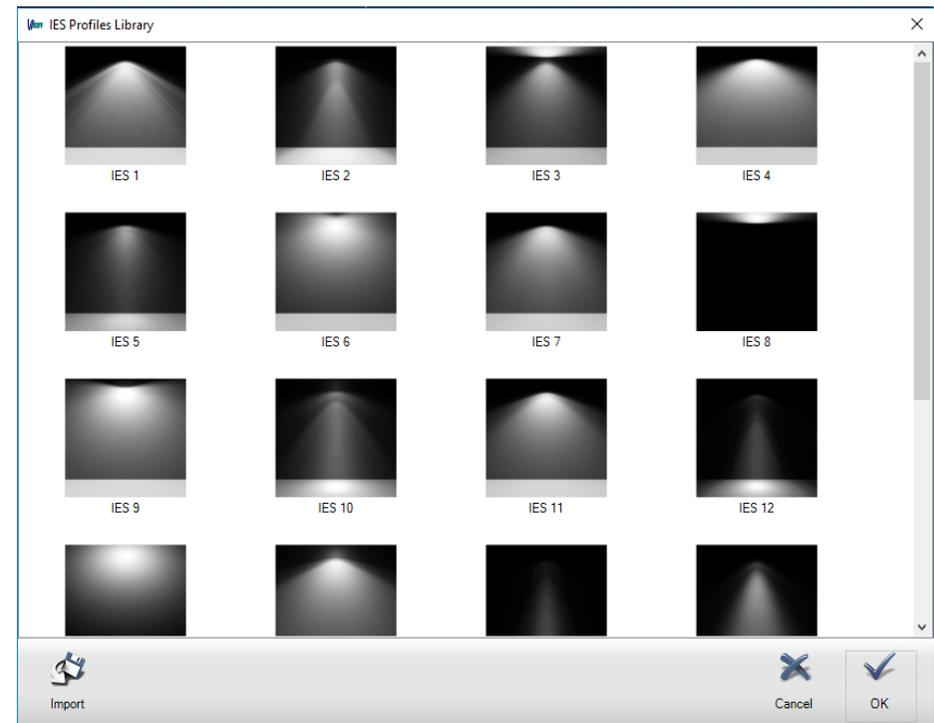
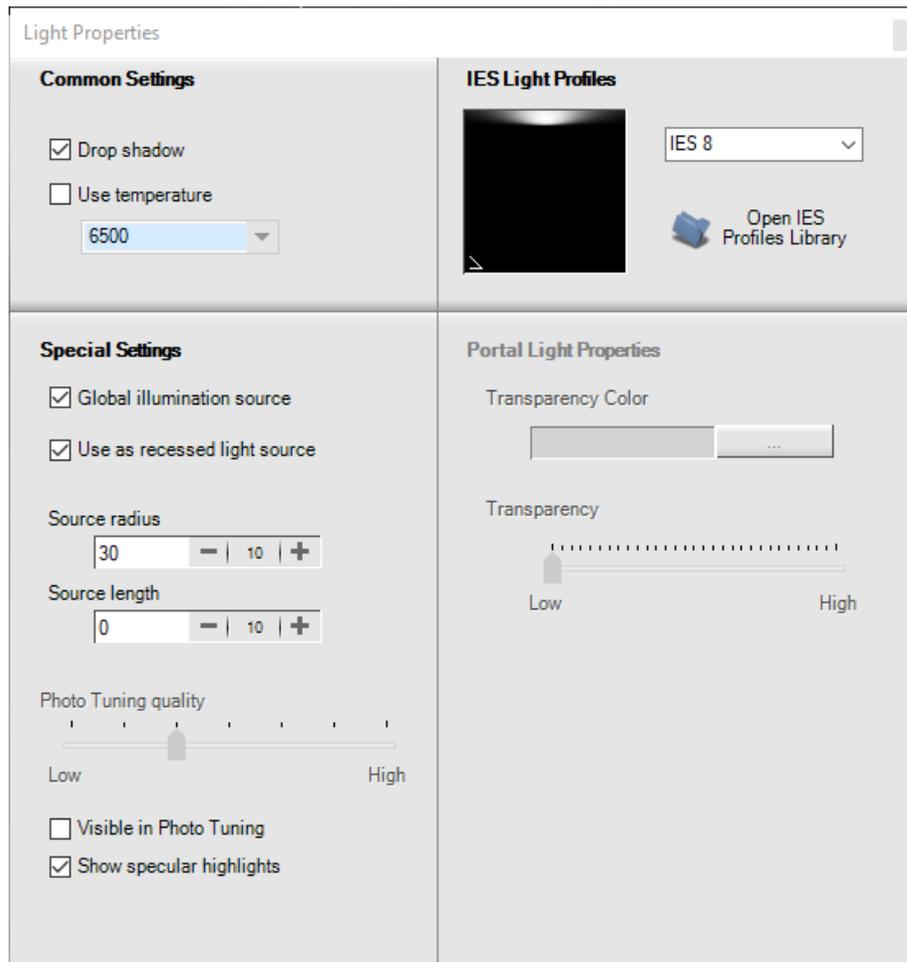
2017





## New lightquality

IES stands for the Illuminating Engineering Society, which has defined a file format for the description of the light distribution from a light source. The light distribution can be chosen from more than 20 profiles, which is the best way to plan the design and create realistic light effects.



# Improved Tile Quality

## 3D-Tiles



# Improved Tile Quality

## Metallic Tiles



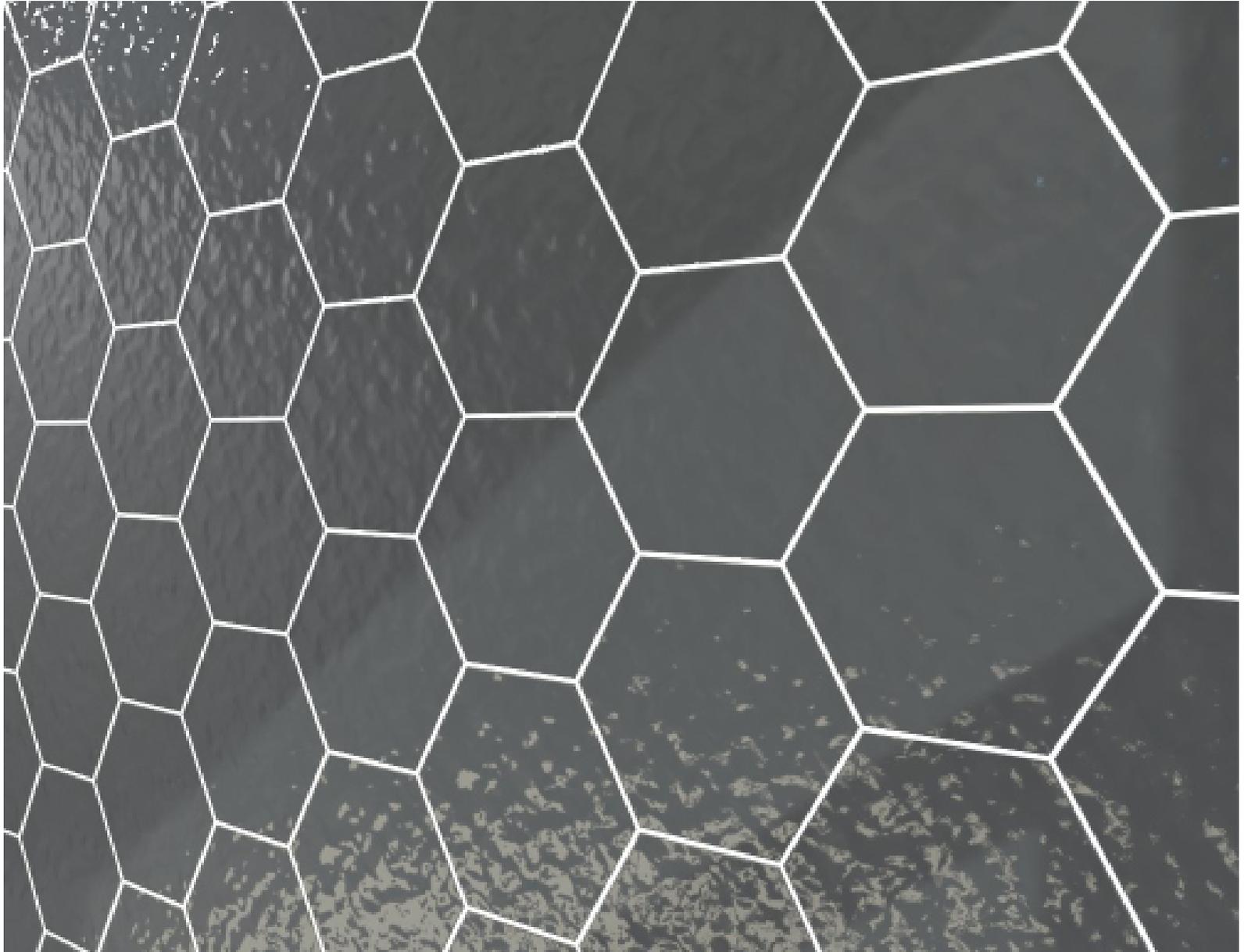
# Improved Tile Quality

Lappato



# Improved Tile Quality

Multiple tiles





## The new Photo Tuning – even more beautiful and twice as fast

We have completely reworked Photo Tuning. With the new version, we are using V-Ray, which has been the leading Rendermodule in the architectural field for years. V-Ray was awarded the Oscars in 2017 and used in numerous worldwide successful productions (Star Wars, Game of Thrones).

Your benefits at a glance:

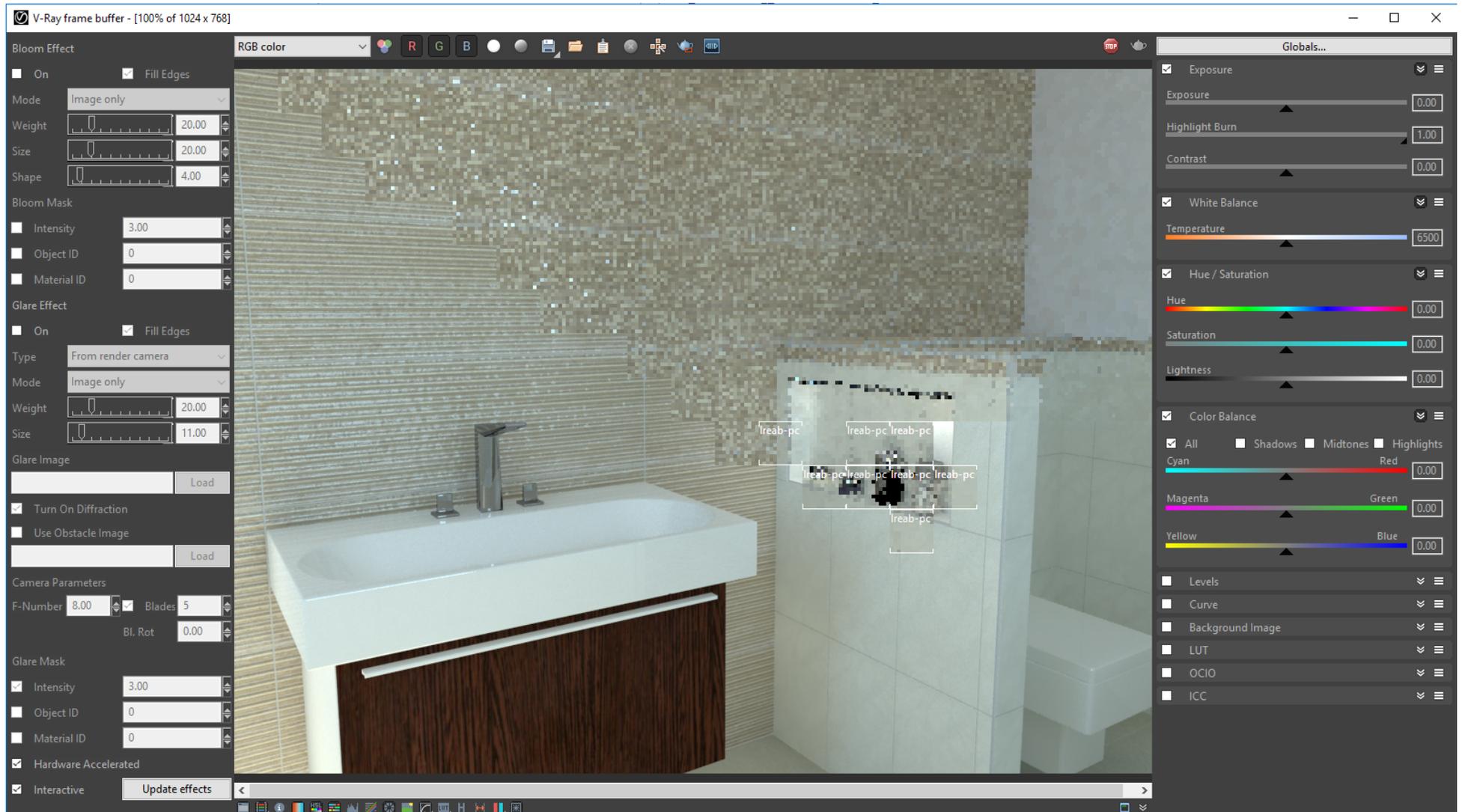
- Rendertime is significantly reduced
- Preview of the rendering is visible after a few seconds
- Renderings are now automatically high in contrast and color values are displayed correctly
- Changes to the material, light and camera are immediately visible without restarting the rendering process
- Individual areas can be pre-rendered

### TIP

Download sample projects from [www.visoft360.com](http://www.visoft360.com) in ViSoft Premium, and try to recreate renderings of these projects. This is one of the most efficient ways to learn how to create great photo tunings.

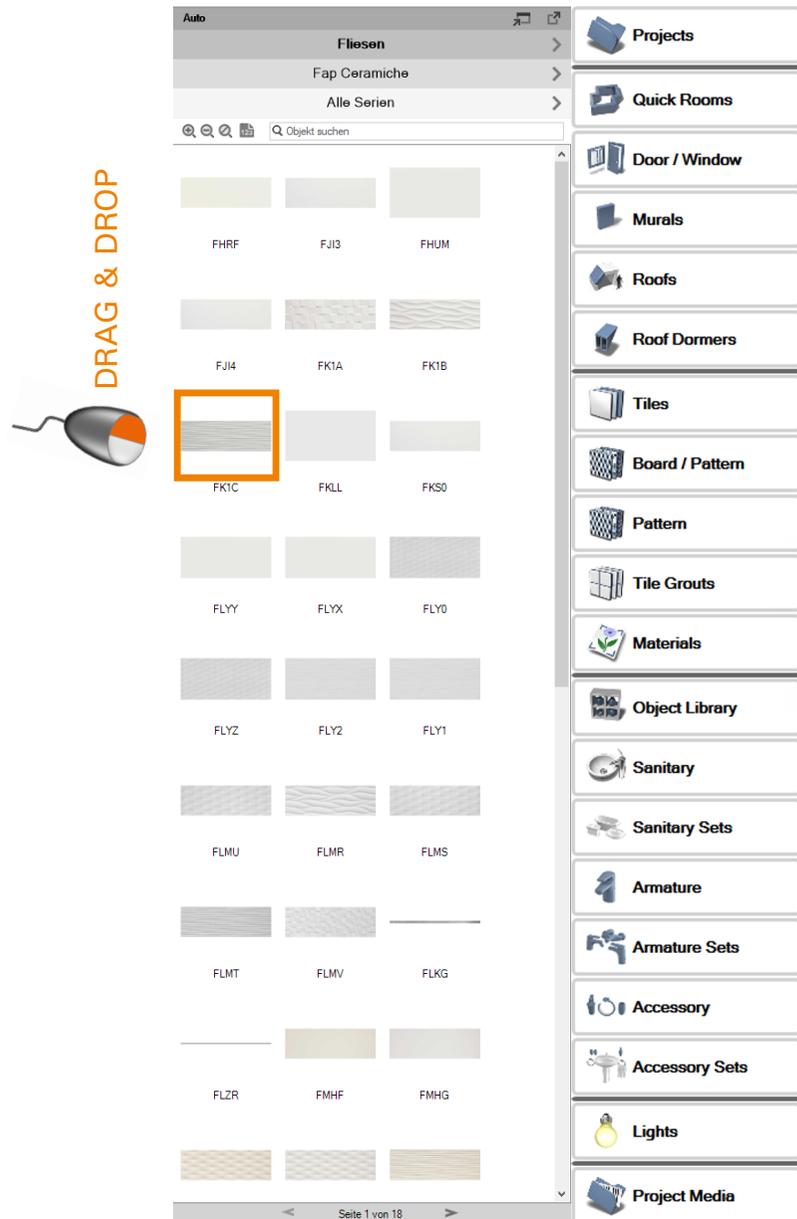
# Photo Tuning

## Versatile settings in the new Photo Tuning



# New Sidebrowser

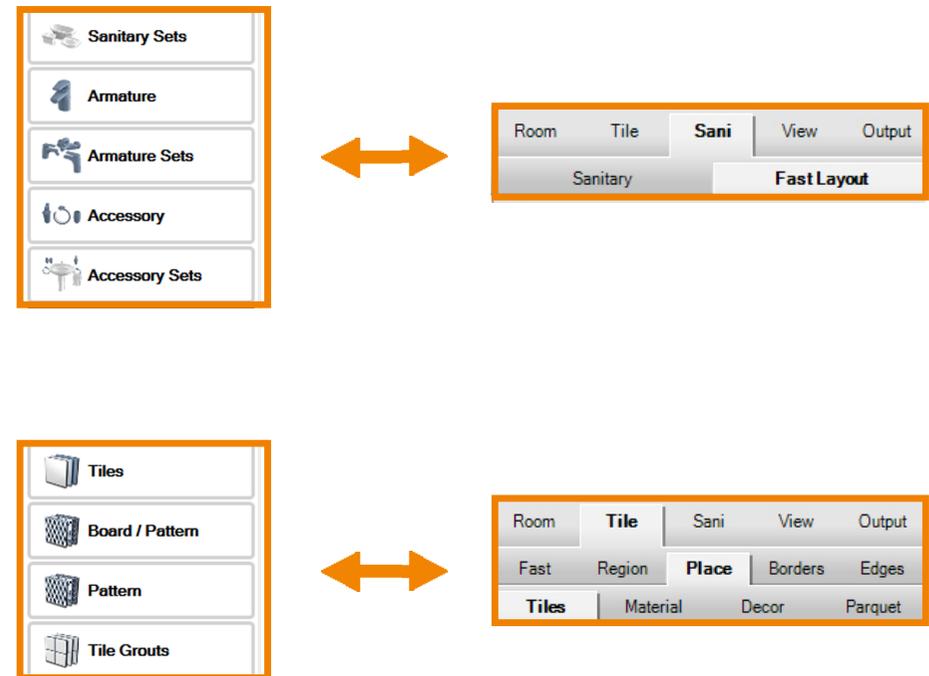
VIDEO



## Sidebrowsers allow a completely new working with ViSoft Premium

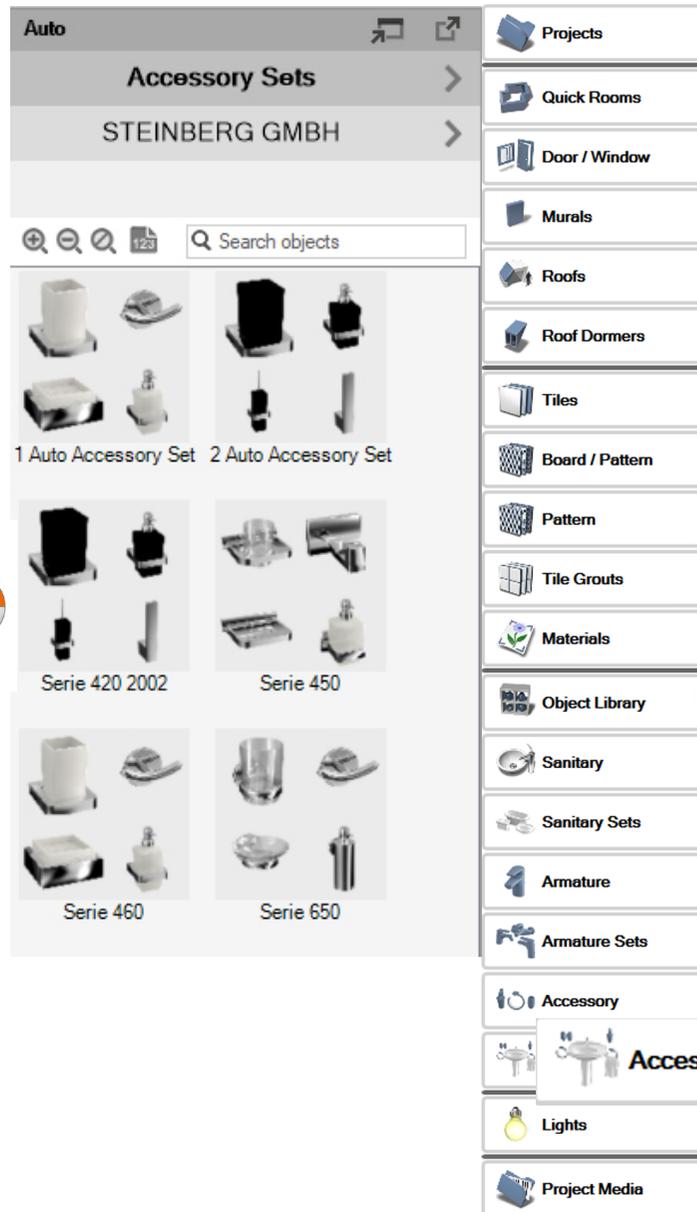
Direct Drag & Drop quickly places objects and tiles in the room.

Synchronous switching of side browsers and tools:



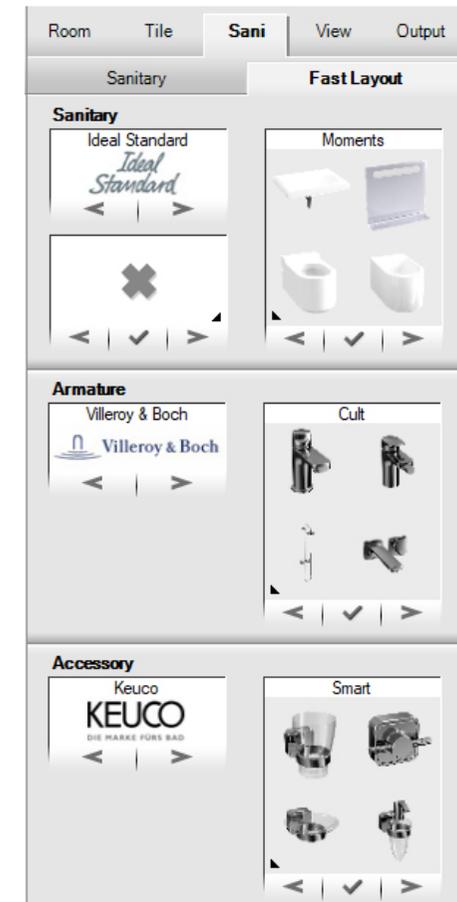
# Accessory Sets

VIDEO

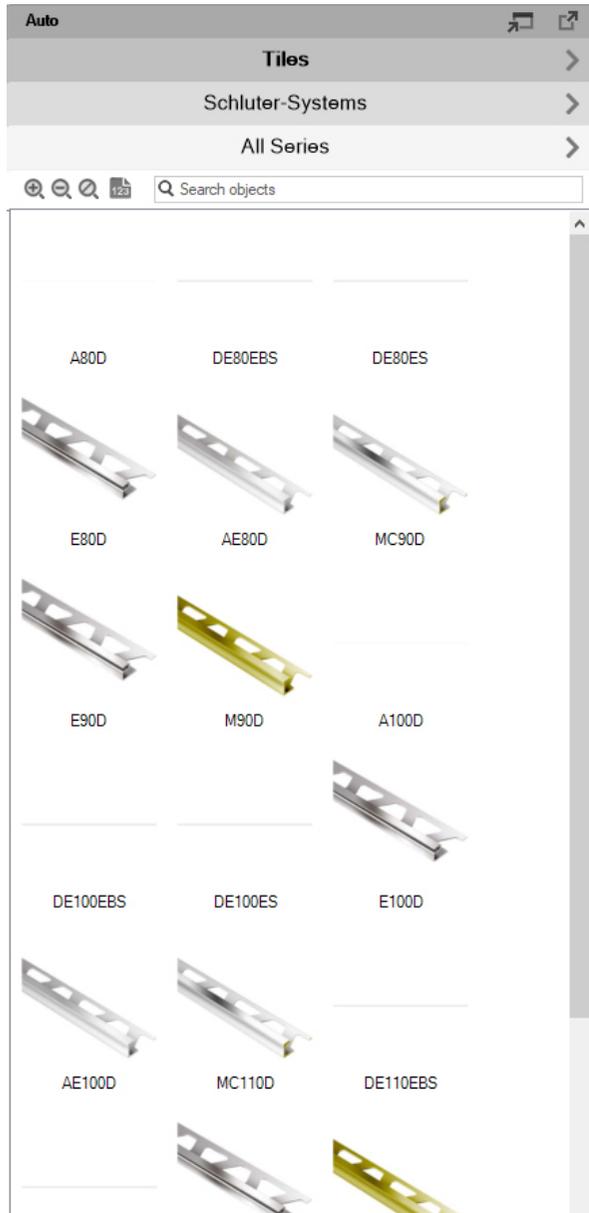


**Accessory sets allows fast, relaxed and productive consultation.**

Place and present complete series with the push of a button. The exchange of complete series is possible by double-clicking in the sidebar.



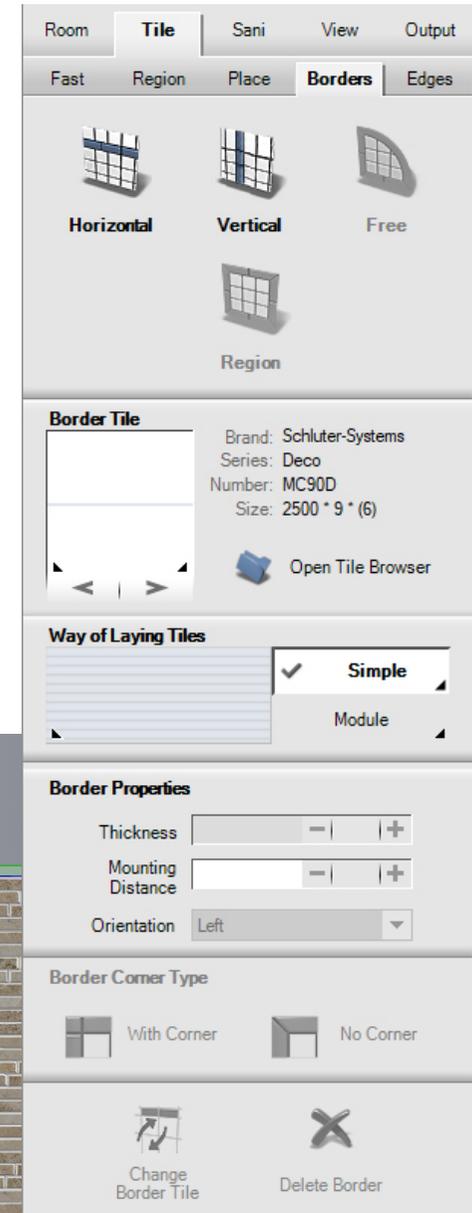
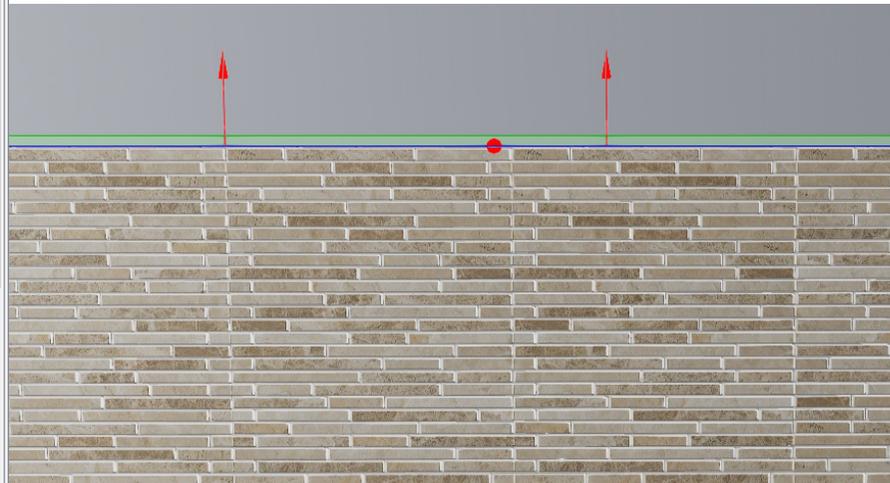
# Profiles



## Profiles as tile endings

Place profiles, also as tile endings, just like borders, with Drag & Drop directly from the sidebrowser.

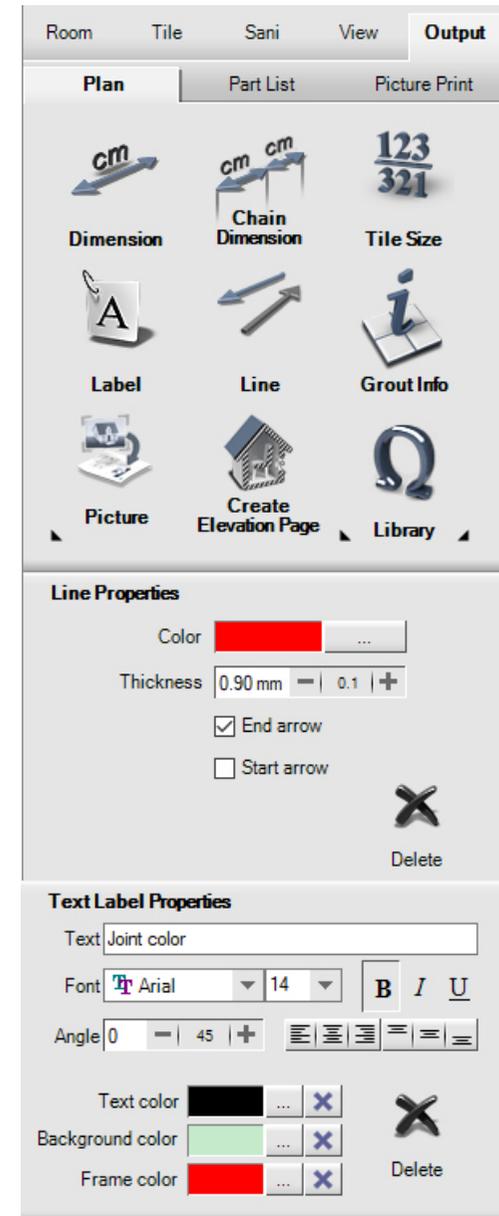
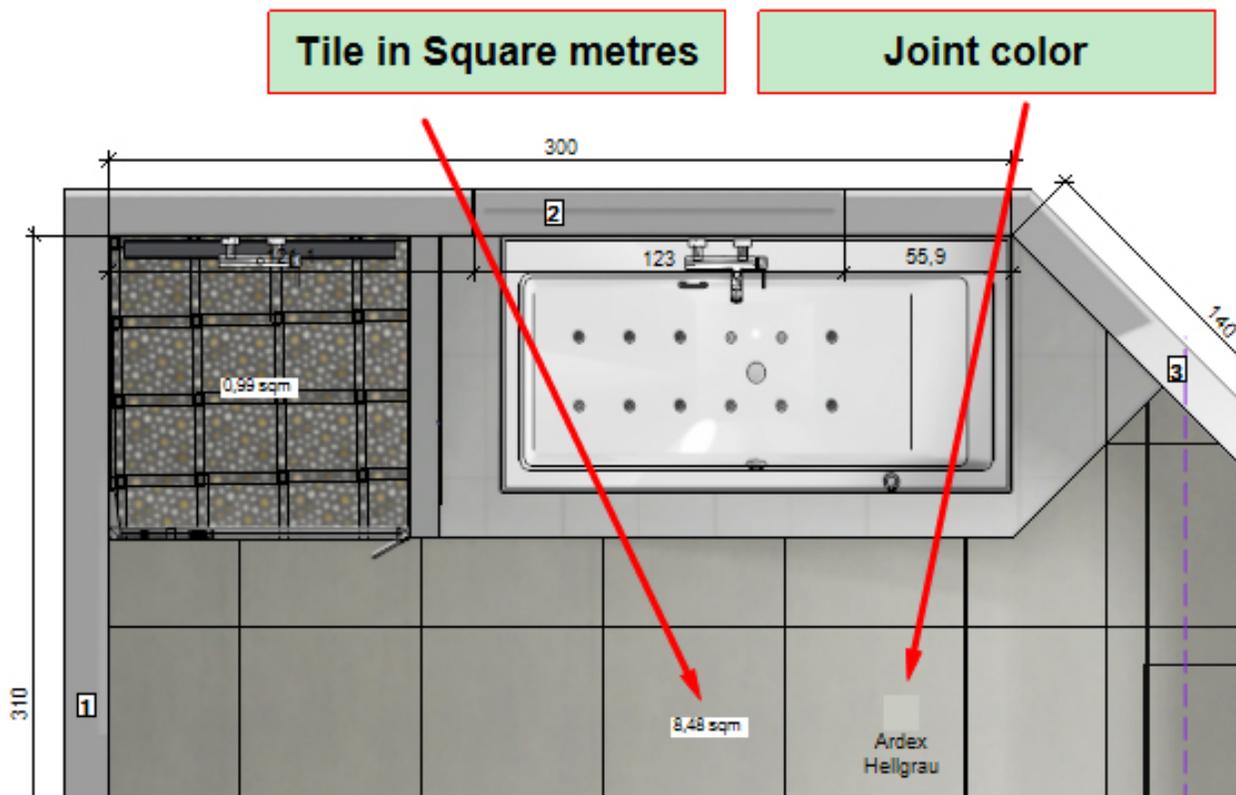
DRAG & DROP





## Output plans can be supplemented with own information

- Text fields, arrows and joint color as a direct info in the plans
- Draw lines and adjust stroke thickness and color using the drop-down menu
- Regions area under 'Drawing Layers' shows tile usage in square meters



# Interfaces

## Powerful interfaces for digital work and virtual presentation

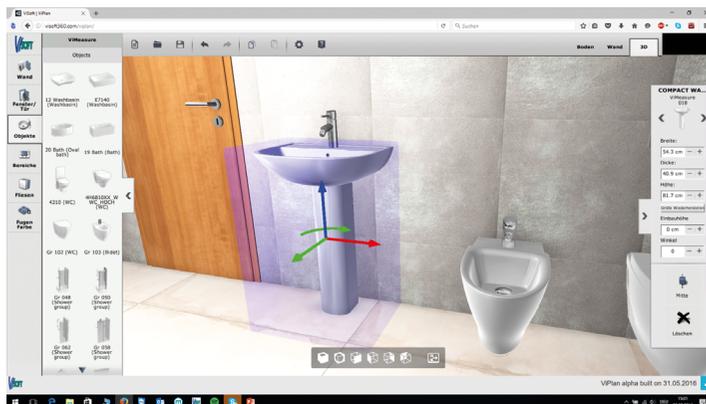
- Directly read the information in ViSoft Premium from:

ViSoft Smart Measurement-App



Import Data from laser measuring instruments

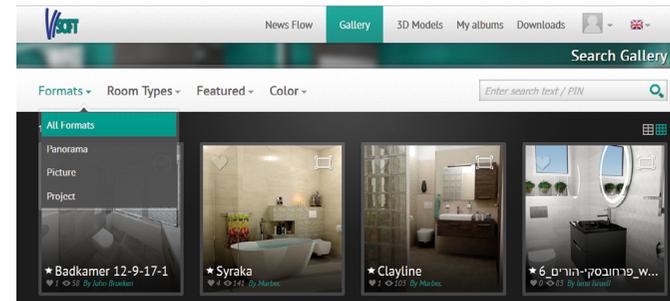
ViSoft ViPlan Online Planer



ViSoft ViVision Konfigurator



ViSoft 360 Onlineportal



- Send pictures, panoramas and projects from ViSoft Premium to the ViSoft 360 Online portal.
- Direct interface to ViSoft Live ViSoft VR (HTC Vive)



# More Functions



# News and Improvements

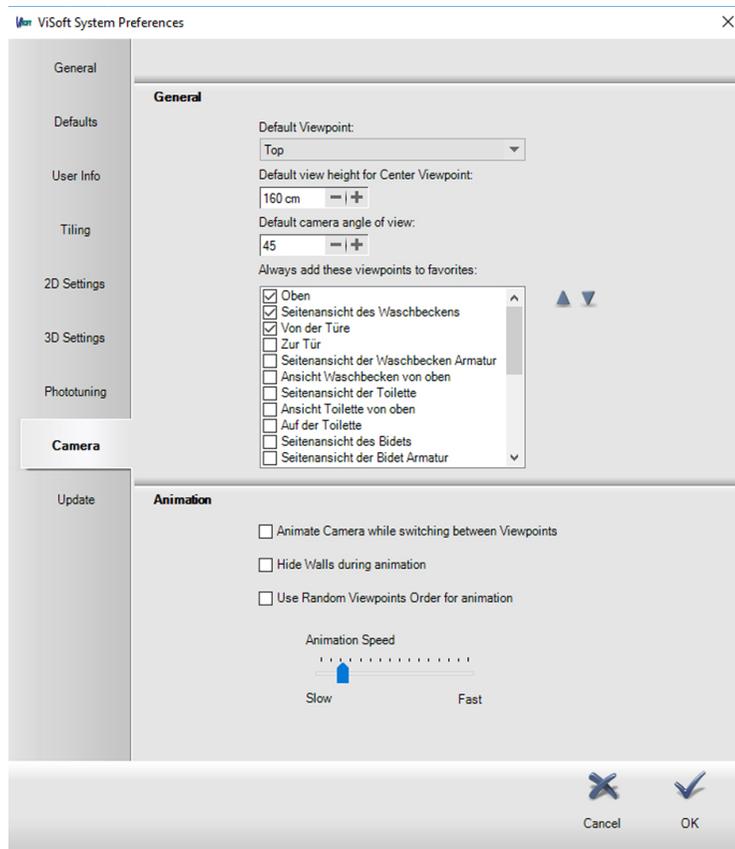
## Easy handling for convenient solutions

- Autodesk **FBX** files: import and export of entire rooms.
- Improved ‚Save video‘:  
Top video codecs, up to 8k, publish on ViSoft 360.
- Directly in Output Plans: **Save as PDF**.
- Join regions.
- Open doors and windows with the **right**, instead of the left mouse button.  
This allows you to navigate freely in 3D.
- Specify direction when changing walls.

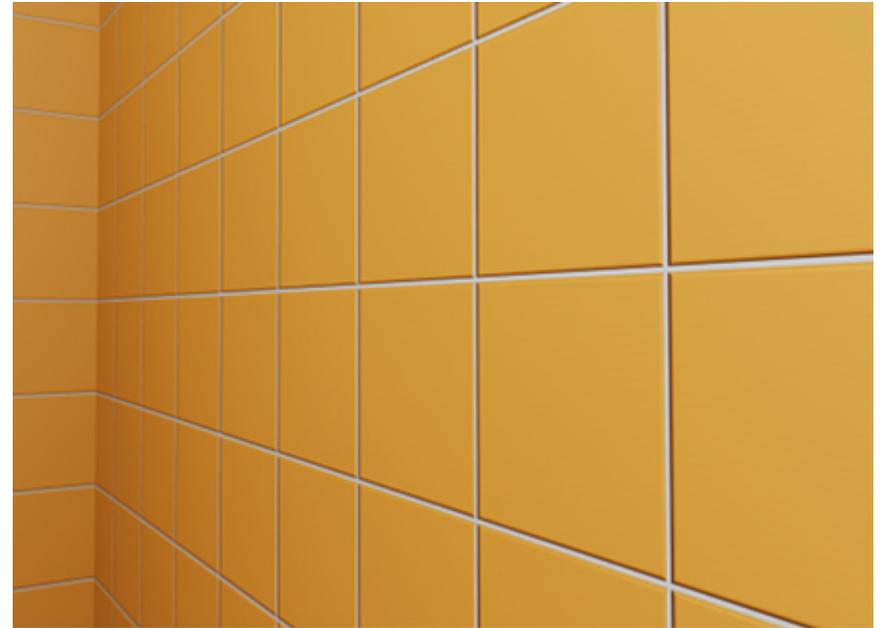
# News and Improvements

## Easy handling for convenient solutions

- Predefine standard viewpoints in settings



- Improved joint quality



# Technical Details



# The new 3D-Real-Time Graphic

The following table shows the test results of our new 3D real-time graphics with the frame rate per second. The update does not affect the possibility to work in 2D and the graphics.

Graphics adapter	Graphics Memory	Price Eff. 1.9.2017	Simple project			Elaborate project			High-end project with maximum level of detail		
			Without effects	Light effects off	Light effects on	Without effects	Light effects off	Light effects on	Without effects	Light effects off	Light effects on
Nvidia GTX 1080 Ti	11 GB	from 700€	758	554	312	640	396	287	460	390	228
Nvidia GTX 1080	8 GB	from 550€	708	431	245	552	350	211	408	350	205
Nvidia GTX 1070	8 GB	from 400€	680	344	209	540	330	195	402	327	191
Nvidia GTX Titan X (Maxwell)	12 GB	from 950€	642	325	188	528	307	173	385	285	166
Nvidia GTX 1060	6 GB	up to 350€	442	245	147	359	233	137	321	222	134
Nvidia GTX 1050TI	4 GB	up to 150€	269	125	78	232	112	68	203	108	67
Nvidia GTX 960	2 GB	up to 200€	252	124	76	211	115	68	195	107	67
Nvidia GTX 680	2 GB	used	230	97	63	189	93	60	181	88	58
Nvidia GTX 950	2 GB	used	221	93	64	179	89	60	168	87	59
Nvidia GTX 760	2 GB	used	217	85	56	174	84	48	160	84	49
Nvidia GTX 560 Ti	1 GB	used	153	81	49	155	83	38	117	77	37
Nvidia GTX 460	1 GB	used	123	81	55	110	91	47	95	82	42

■ Recommended for virtual reality applications

■ Fluent display

■ Limited fluent display

■ Display with possible delays and waiting times

# Good Luck with ViSoft Premium 2018!

## Support

**Phone:** +49 (0)7031 49165 99

**E-Mail:** [support@visoft.de](mailto:support@visoft.de)

## Information

### Training videos

[www.youtube.com/user/ViSoftGmbHTV](http://www.youtube.com/user/ViSoftGmbHTV)

[www.visoft360.com](http://www.visoft360.com)

Sharing Plattform for our customers with download possibilities for program, tiles sanitary and information material.

[www.visoft.de](http://www.visoft.de)

Information and links.