Create it REAL

3D printing NOW
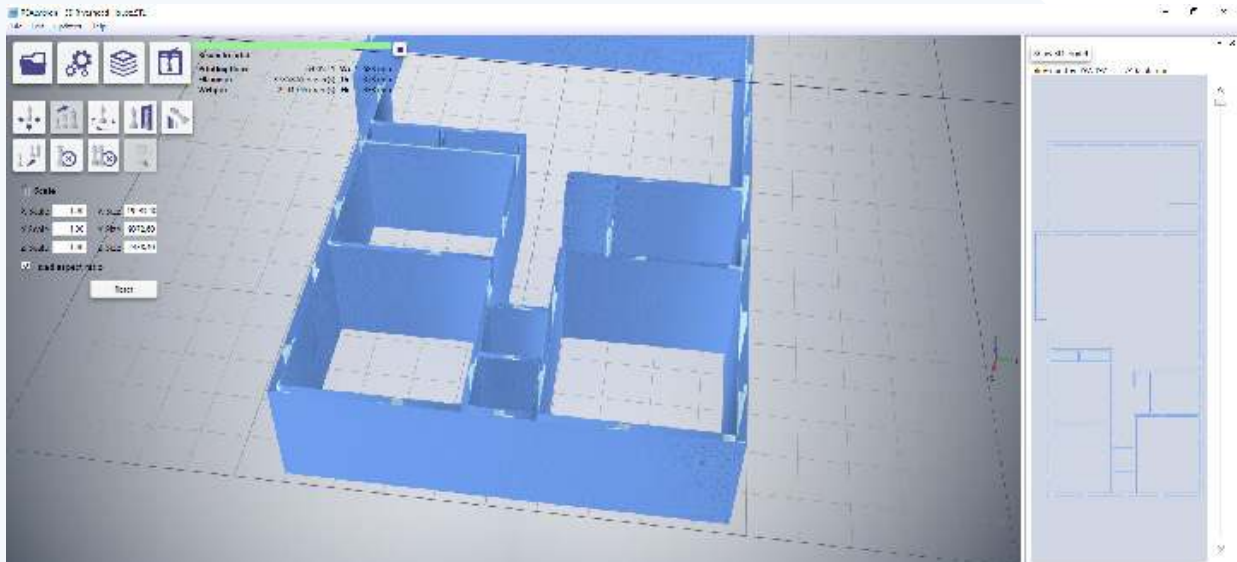
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REALvision
For Construction

"REALvision is one of the most advanced slicers on the market and is currently the most versitile slicer for our 3D printing construction projects."

- Robert Smith, President S-Squared

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THE PERFECT SLICER FOR CONSTRUCTION

With more than 10 years of experience in software and control in 3D printing, Create it REAL has developed REALvision, a unique slicing platform that can be customized to meet vertical market needs. REALvision for Construction is a powerful solution to simplify and optimize concrete 3D printing, taking into account real life issues.

Biggest Print Area

REALvision supports a workspace of up to 1 million m^3 or 100X100X100 meters (35 million ft^3 328X328X328). This is enough to fit a parking garage with more than 5000 cars! Furthermore, advanced memory allocation and multithreading is used to slice large objects faster.

Infill for Construction

By using REALvision you will be able to print with advanced 3D infill types such as the 3D gyroid, Isomax and 3D honeycomb. The 3D gyroid will give your building internal structure improved tensile strength, while the Isomax will provide it with the stiffest possible geometry.

FEATURES YOU NEED!

Custom G-Code Editor

If your current solutions includes special routines, for instance for nozzle priming between layers, you can use the Custom G-Code fields to include this.

Customization

You will always know your market and customers best. That's why we can customize and brand REALvision to your wishes as well as develop custom features on demand.

Additional Features:

Intuitive UI: We have made the UI easy to use for operators, yet powerful and coherent for experts.

Print Logging: REALvision includes optional print logging, so the administrator can always keep track of printer usage.

API integration: Want to make your own system instead? Perfect! We offer REALvision as a slicing library accessible through an API.

We can offer our technical solution to you as is, but can also provide consulting as well as develop software and hardware for custom projects, shortening the time to market considerably.

Get in touch today and we can provide you with a free trial of REALvision so you can see for yourself.

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