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REAL TIME 3D TO HELP ARCHITECTS:

**Nova for Revit is a real added value
for architectural projects.**



Real time 3D creation of a logistic platform by Benoit Fouteau, 3D Architect of the ARCHITECTONIC company.

Explore your buildings in real time.

Paris – March 8 2010 – The Architectonic company worked on the design of a logistic platform in real-time 3D for a customer thanks to the **Nova for Revit** solution from Vertice, creator and editor of the NOVA real-time 3D engine.

Architectonic, created in 2003 by Benoit Fouteau, architect graduated from the La Villette School, is a company specialized in architecture. It has expanded this year with the arrival of 2 young architects: Jonathan LEVY D.E and Anne-Claire JAUDON D.E. Its fields of competence are: construction, creation, expertise. Benoît Fouteau, at the beginning, has put his 3D competences and his passion into the sailing industry, at the service of a famous company building catamaran and for which he made 3D projects. He also has an established experience in the field of architecture.

GET REAL TIME IN NO TIME

1 Avenue de l'Europe • Campus 1, Bât. F
31400 Toulouse • FRANCE
Phone +33 (0)5 61 75 50 43
Fax +33 (0)5 61 75 47 97
Web www.vertice.fr



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TARGET

Benoit Fouteau wished to make his projects more "readable" and more understandable to his customers and to the workers with whom he collaborates on a daily basis.

His goal: to show that **Nova for Revit** is not only a creation but also a visualization software, a software which allows to communicate. Real-time 3D technologies, more often used for the creation of realistic contents 3D in the video games, allows the customers to consult the projects and to move around it as in a game.

For more than one year **Nova for Revit** accompanies Architectonic successfully in all its projects. According to Benoit Fouteau, "**Nova for Revit** is amazingly easy, it is a tool allowing a simple and clear communication with the customer".

○ CHOICE

The choice of Architectonic was made on **Nova for Revit** because it is adapted to the needs of the architects and to the requests of its customers. **Nova for Revit** gathers the whole of qualities that an architect wants to achieve in his projects:

1 – Its ultra-simplicity:

Nova pour Revit integrates an export Wizard in 5 steps directly from Revit.

2 – Its user-friendliness:

Thanks to the ergonomic Nova Explorer interface, any user can move around easily in the scene.

3 – A choice of rendering adapted to the customers:

Rendering in "white mode", "colorised mode" or "textured mode" with the possibility to apply special effects on the scene (Black&White, anaglyphic stereoscopy, bloom, etc.)

4 – The management of collisions without any need to set it up:

While exporting the model, you just have to choose in the wizard the objects that need to be collidables.

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The creation of interactions is also very easy and is done by only selecting the categories of objects that need to be interactive.

5 – Advanced functionalities:

Thanks to Nova Explorer, the users who want to go further in setting up their scenes will be able to create advanced interactions and special effects.

Nova for Revit is an internal decision tools as well as a collaborative tool with the clients: by allowing to create easily some screen captures, videos, independent self-executable files. Nova for Revit offers the possibility to anyone to visit their projects.

- **BENEFITS**

*« Nova for Revit, trying it is adopting it!
We now use it for all our projects ».*

Benoît Fouteau, Architect.

“To communicate, we must create perspectives, cuts and frontages, which can prove to be complex. Nova for Revit improves the understanding of our plans,” adds Benoît.

Nova for Revit is a real ally for the architects. The real-time 3D can be:

A HELP DURING DECISION MAKING:

The projects can be very complex. The advantage of Nova is that it transforms the projects into 3D elements. Which gives a much more realistic dimension to the project. The project is emphasized because Nova for Revit gives a dimension as realistic as natural, the user can interact and evolve within his project. He can test the project, open the doors, climb the stairs. The customer is in total immersion and can thus move in the areas that he wishes to visit as if he was in a real environment. Its ludic aspect is really very attractive.

A REAL COMMUNICATION TOOL:

Nova for Revit has a great interest for the workers, because thanks to it they visualize the work to be achieved easily and can evaluate it more easily. The vision of the work to be achieved is immediately understood. Moreover, the financial estimation becomes simpler and quicker to make.

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ESSENTIAL TO PLAN THE PROJECTS:

Nova for Revit is essential to plan the projects.

The project, when at the state of a 3D model, allows to think about it. Looking at the project at a human scale helps to better understand and to anticipate what cannot be seen on a map.

On one click, we can make appear or disappear some elements, for example doors which can be opened. It allows to make the workers or the companies visualize their respective parts of the building project. It also allows to make appear the frame of a building by making the roof to disappear. We can also display some elements like electrical installations, plumbing. It makes each building process actor to know what they have to do.

A PROTECTION FOR THE ARCHITECTURAL CONTESTS:

« While answering an architectural contest, by not giving our plans, we avoid our competitors to use our own plans,» declares Benoît Fouteau.

These reasons have also brought us to use real time 3D.

When the client likes the projects, Nova gives him the ability to see it as if it was real. « He can then emits some wishes or ask for some changes before the building process starts, making a lot of savings by anticipating.»

NOVA is a complementary tool to some other architectural softwares.

To communicates, architects need to make some perspectives, cuts and frontages, which can complexify the message. Nova for Revit improves the communication and makes the message more accessible.

About Vertice

Founded in 2002, Vertice is located in Toulouse. Vertice is a Young Innovating Company (JEI) which was elected in 2003 1st Innovating Company at the time of the Mêlée Numérique. Vertice develops and distributes the Nova range and accompanies its customers in the customization of applications. www.vertice.fr

PRESS CONTACTS **Actual Public Relations Agency**

Pascale Desmaele or Cynthia-Laure Etom
Tel.: +33 (0)1 41 10 41 12 / +33 (0)1 41 10 41 15

Emails: pascale@actual.fr / cynthia-laure@actual.fr

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