

Trelligence Affinity 5.5

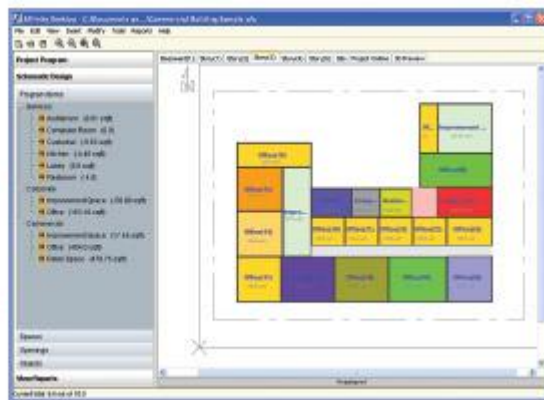
<http://www.trelligence.com>

Organizing a building program from numerical information such as a Microsoft Excel file and then converting it to a 3 dimensional model can be a very time consuming and confusing. Trelligence Affinity 5.5 software is an extension of BIM that integrates programming data with a 3D model. Once the model is documented, Affinity then allows the user to try out any number of building layout scenarios using intelligent, 3D building blocks such as spaces and openings. As conceptual floor plans and stacking diagrams are created, Affinity analyzes each element and tracks whether the initial design is in compliance with the requirements in the program.

Basically, this procedure is a highly intelligent method for going from a "bubble" diagram format to a 3D model and analyzing items such as area sizes, furniture needs, room relationships, etc. The model is bi-directional and exportable to either ArchiCAD or Revit. The bi-directional capability allows one to continuously track the detailed design against the initial requirements. This program is similar in concept to the Onuma Planning System (OPS) shown at the TAP BIM conference I previously mentioned. The main differences between OPS and Trelligence are that OPS is web based while Trelligence resides on the desktop. In my opinion, Trelligence is more capable and sophisticated. Affinity gives a building project team an intelligent and easy tool to help define the program, create initial design concepts and analyze and document the relationship between the two.

Seeing a program in action is worth ten thousand words. I highly recommend you take a look at this program on the website.

Explore multiple space plan concepts and Affinity validates them against program goals



The software enables you to visualize the site plan and every story of the structure with an extra dimension: relevant information. Not only can you create schematics of floorplans, but you can also preview the structure in three dimensions as either a model or blocking and stacking diagram.

Preview conceptualized solutions in 3D

