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How do architects work with ArchiCAD and Artlantis, the rendering software made by Abvent ?



Let's share David Sutherland's experience

David Sutherland has been an architect for 26 years. He lives in the state of Victoria in Australia, and works as Director of Planning for Fender Katsalidis Architects (FKAU) since 10 years. This famous agency based in Melbourne is currently working with 45-50 architects, has a high design reputation and is involved in projects in most capital cities in Australia, Shanghai, Kuala Lumpur, Gibraltar, Dubai... of mixed use buildings, residential and business, and « few cultural projects ».

The Eureka Tower project that has been built in Australia 6 years ago is the big project for which FKAU has been known internationally. This 92-story building, rising 300 meters above street level, and located in the heart of Melbourne contains offices, shops, flats, cafes and restaurants. « For this huge project we tried to explore a new method using ArchiCAD in a pure 3D way » says David Sutherland. In a conventional practice, those who design a building are generally not the same people as those who describe it through construction drawings. With the integrated ArchiCAD process, everyone is designing. « It was such an exciting and interesting time, we achieved a lot with this project, and it made me enjoy more the whole process ». This « method » -using essentially 3D Model Building Information, is the one David explains to the architects during many conferences around the world he's invited to.

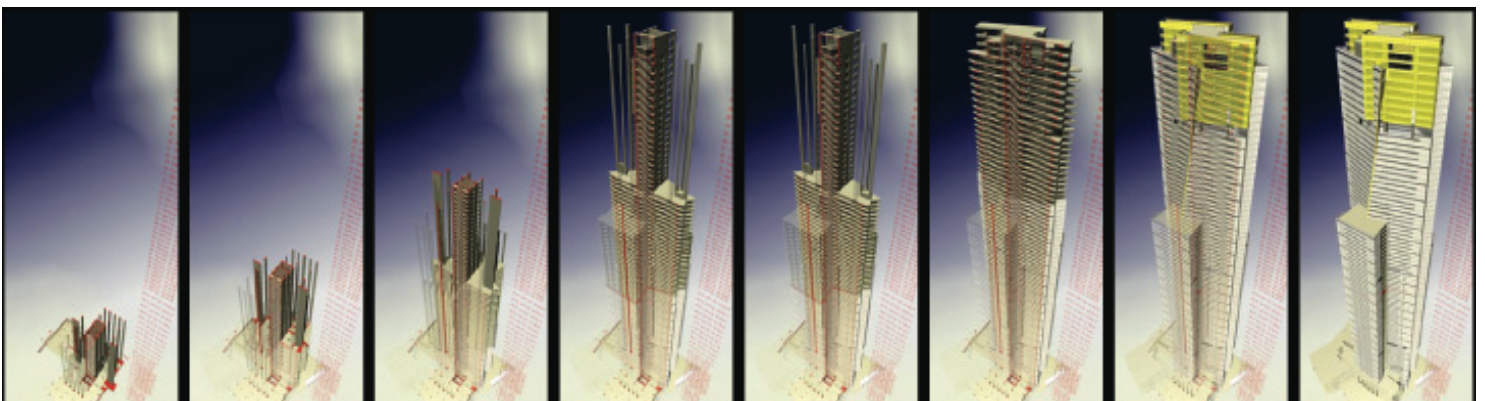
The Director of Planning of FKAU is really enthusiastic regarding the introduction of BIM in his occupation. « Working in 3D helps a lot to understand the environment of a project and to enter the core aspect of the process ». He notices that younger architects are able to work

in this computer environment better. « When I graduated, it was much more boring projects ! ».

David Sutherland describes as well its use of the rendering software Artlantis : « I use it to assist in design, in a way of integrating design to the project and I concentrate on the poetic aspects through these images ». He uses Artlantis and ArchiCAD simultaneously on certain types of materials, and plays on the forms. « I have Artlantis in the preview window in front of me while I introduce new elements of dimensions for example, so I constantly see how the building may look. It's very practical ». But David insists on its special use of the software because he's never looking for realistic images, « I prefer not to show our buildings in a realistic way, describing the exact colors, and so on. Artlantis helps me to create a design process rather than an image, although we obviously do some realistic renders ». David reckons that the clients like to share this creation process. « These tools help us a lot to do so ».

<http://www.fk-au.com/>

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