HOW ARE WE WORKING WITH TECH?

We asked four industry figures for their predictions about how they’ll use technology in their practices over the next two years.
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Goy Zhenru
Principal, Goy Architects

We are constantly on the lookout for new apps and software that could streamline our design communications with clients and builders; also to facilitate an improved cloud-based platform for collaboration with other emerging Southeast Asian designers. Our focus is to keep design development mobile and easily accessible with light hardware setup. We will be transferring more repetitive, non-creative administrative work to software, freeing up our time for more creative processes and development.

Currently our team is fully operating on cloud-based BIM software (ARCHICAD), which allows us to sync different parts of the design model simultaneously - independent of our geographical locations. This ensures that we are constantly acquiring a holistic interface of the model that informs us for our next design inputs. We are also using apps like BIMX that allows not only design collaborators but clients or builders to access and navigate through the model via their mobile devices. With the addition of a virtual-reality head mounted (VR HDM), the model on their phones can be easily translated into virtual reality for basic experiential immersion in the spaces.

goyarchitects.com

Terence Seah
Director and Head of Singapore Studio, Benoy

Cutting-edge architecture and design is often a marker for the current state of technology. As architects and designers, we utilise research and development in technology to remain innovative and to push the boundaries. Everything from BIM to digital fabrication, parametric design, design coding and AI is becoming more advanced and integrated as we propel forward. The traditional fields of design disciplines are also dissolving and becoming fertile grounds for fresh ideas.

At Benoy, as an inherent part of our creative and design processes, we are already utilising 3D printers and VR technology to work more closely with our clients. We no longer show clients models on a desktop and drawings but a computer model.