

## COMPANY

Warren and Mahoney

## LOCATION

Auckland, New Zealand

## SOFTWARE

AEC Collection &  
BIM 360 Design

# One of Australasia's leading architectural design practices uses Autodesk's AEC Collection and BIM 360 Design to deliver award winning projects

"We believe BIM is an essential tool to help clients meet the goal of delivering a fit-for-purpose building and one that will continue to deliver quality project outcomes for the next 50 years"

— Jason Howden  
Associate Principal  
Warren and Mahoney



Image courtesy of Warren and Mahoney: Christchurch Justice and Emergency Services Precinct in association with Cox Architecture and Opus Architecture.

Warren and Mahoney is an international architectural design practice with seven locations across Australia and New Zealand operating as one connected studio. With a 65-year history and a 300-strong team they have been recognised with over 300 awards for work ranging from commercial developments to landmark public buildings. The practice is at the forefront of technology in the built environment and is a world-leader in Building Information Modelling (BIM), as well as a range of other advanced facility and asset management technologies.

## The challenge

As industry leaders in the implementation of BIM strategy and BIM project delivery, Warren and Mahoney required a collection of solutions that would enable the practice's experts to deliver a range of services across architecture, master planning and urban design, sustainable design, reality capture, and asset and facilities management. The practice needed a set of solutions that would assist them in mitigating project risk and help their clients deliver buildings on time and on budget.

They also required a solution that would enable communication and collaboration on BIM models across a single platform and meet the needs of their "one studio" policy.



Image courtesy of Warren and Mahoney: Commercial Bay in association with Woods Bagot and NH Architecture.





Image courtesy of Warren and Mahoney: Lincoln University and Ag Research Joint Facility in association with Woods Bagot, Boffa Miskell and Lab Works. Winner of 2018 World Architecture Festival Award - Future Projects - Education.

### The solution

When it comes to empowering Australasia's leading BIM experts, Warren and Mahoney subscribe to Autodesk's AEC Collection and Cloud collaboration platform, BIM 360 Design.

"We use a number of products within the AEC Collection; Revit, 3ds Max, and Navisworks are important in our day to day workflows and we also use Recap 360, Dynamo and 3ds Max Interactive," says Jason Howden, Associate Principal at Warren and Mahoney. "The AEC Collection helps us with our BIM authoring, visual scripting, documentation, visualisation and coordination. We have found the subscription model provides us flexibility in our licensing requirements and it has been easy to install and deploy".

Warren and Mahoney also use BIM 360 Design, a work-sharing and collaboration software built for design teams. The Cloud-based collaboration platform enables designers to co-author shared Revit models and coordinate deliverables. According to Jason Howden, "BIM 360 Design is critical to Warren and Mahoney's one studio policy".

### The result

Autodesk's AEC Collection plays an important role in helping Warren and Mahoney deliver best practice BIM services to their clients. "We believe BIM is an essential tool to help clients meet the goal of delivering a fit-for-purpose building and one that

will continue to deliver quality project outcomes for the next 50 years" says Jason Howden.

"Not only does it mitigate project risk, BIM delivers dramatic benefits including improved accuracy and efficiency in scoping, a 'single source of truth' for project information providing transparency and certainty for all parties, and data capture for future operations and maintenance."



Image courtesy of Warren and Mahoney: New Zealand International Convention Centre in association with Moller Architects and Woods Bagot.