

**LISMORE BASE HOSPITAL, INFRASTRUCTURE, NSW**

Immersive Digital Buildings

Benefits

- Get it right the first time – minimises errors and risk
- Offers all parties a deeper understanding of the constructability of the building
- Make informed choices about finishes, lighting and colour scheme
- Real time rendering instantly updates changes for all model users
- Enhanced stakeholder engagement – attaining ‘buy-in’ from parties
- Helps to streamline the approval process for funding
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In construction we make a thousand decisions about myriad details before a spade even hits the ground. And it's not easy to visualise what those cumulative decisions will add up to. But at Stantec, we have a solution for that.

By running our 3D Revit models through a rendering engine, you can instantly experience the full impact of each design decision before committing funds.

With our Immersive Digital technology, you can virtually walk through every room and passageway in the design. Consider the room layout and flow of the building. Select equipment suited to the available space and check there is adequate services available. You can fully assess the proposed design from top to bottom.

What's more, the design team can peek through the walls, ceilings and floors to thoroughly explore the plant space and services infrastructure from every angle – making sure that everything integrates accurately throughout.

Construction is expensive. This simple yet powerful tool helps everyone involved to make informed choices around design decisions so that we get the project right first time.



Case Study

- Identifying Hood Solutions, St Luke's Hospital, NSW

Using Immersive technology we were able to demonstrate the complex impacts of four HEPA filtration hood options above the operating table at St Luke's Hospital. The surgeons were able to experience the aesthetics, functionality and consequences of each option and make a fully informed choice. With the issues clearly communicated, our model helped to fast-track the decision process.

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