

fulton trotter

DIGITAL

About

Fulton Trotter Architects has a rich history with over 70 years' in practice and offices in Brisbane and Sydney. They are highly experienced and skilled in designing and project managing large and complex, health, aged care, education and public building projects. They are well known for their design for climate, thorough consultation processes and ability to effectively engage with all stakeholders. Fulton Trotter are proud of their family culture and believe in creating communities not just buildings.

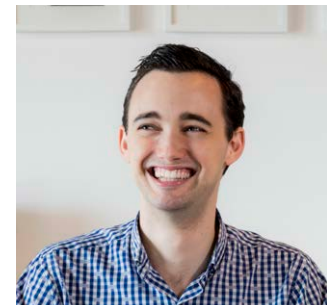
With technology developments improving by the day, we along with all of the other parties involved in the delivery and operation of facilities have the ability to deliver a virtual asset that reflects the built asset. Its purpose is to assist in the communication and delivery of information between various parties throughout the whole lifecycle of a built asset.

The UK Government in the last 12 months has mandated the delivery of a Virtual Asset with the construction of their new buildings. This mandate has been put in place to achieve 25% savings in the construction and operational costs of their built assets. In the next few years we will see mandates put in place by Australian State and Federal Government agencies. We have included some of the Building Information Modelling (BIM) processes in our Architectural workflows for over 10 years, with our processes recognised as best practice at a national and international level.

Building on our strengths in delivering high quality Architecture for our clients we are now offering Consulting Services under the Fulton Trotter Digital brand to assist asset owners in specifying, assessing, managing and auditing digital deliverables to maximise the potential value in their facility and reduce capital and operational costs. On the following page is a list of our core services.



Nathan Hildebrandt
Director



Lachlan Green
BIM Specialist

Team

Our Digital Services is led by Director Nathan Hildebrandt. He has over 15 years experience working with and developing BIM processes. He is highly regarded for his openBIM process development and has presented on these processes at National and International Conferences. His research into various BIM standards across the globe is a strong foundation to assist clients in the development of their Information Requirements and the overall management of information throughout the delivery of a project.

Nathan is assisted by Lachlan Green who has been working with Nathan over the 6 years in the realisation of BIM processes and Coordination Management of major projects. Lachlan currently provides training to all of Fulton Trotter Architects staff in the use ARCHICAD and is skilled in the development of ARCHICAD GDL object creation.

“Working together for over 10 years, Fulton Trotter Architects have an incredible understanding of our business and our needs, that makes the entire process run smoothly and efficiently.”

Robyn Schneider
Director of Capital Works +
Special Projects, Feros Care

Services

Information Definition

- Organisational Information Requirements (OIR)
- Asset Information Requirements (AIR)
- Employer's Information Requirements (EIR)
- Model Production and Delivery Tables (MPDT)
- BIM Protocol and Appendices
- Model Deliverables (LOD and LOI)

Supplier Assessment

- Advice regarding supply chain appointment
- Pre-contract BIM Execution Plans

Information Management

- Post contract-award BIM Execution Plans (BEP)
- Task Information Delivery Plans (TIDPs)
- Master Information Delivery Plans (MIDP)
- BIM kick-off meetings and Information management workshops
- Model validation / verification
- Employer specific model checking rules
- Production of COBie outputs

Coordination Management

- Model federation
- Issue Identification (clashes, deficiencies, duplication etc)
- Reporting (PDF, Excel and BCF)
- Cloud based issue management
- Coordination management workshops

Common Data Environment

- Common Data Environment (CDE) provision and management

Other Services

- Model checking rules development
- Advice with regard to implementing BIM
- Model audits / review
- Documentation review
- Bid support (including peer review of submissions)
- Interoperability support / testing
- Training (including In-house seminars / presentations)
- Case studies / blog pieces / social media promotion
- ARCHICAD GDL object creation

We are always happy to discuss other services so if something is not on the list that you would like us to deliver please contact us.

Service Delivery Timeline

