

## Capability Statement

### Introduction

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Digital Constructors is a specialised consultancy, focused on the following:

- Digital Engineering
- Building Information Modelling (BIM)
- Digital Strategy within the construction sector
- Design & construction technology implementation
- Construction collaboration and document management systems
- Reporting and analytics for construction projects

### Approach

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- Impartial and independent advice for clients, contractors and consultants
- Practical and realistic solutions suited to the real world

### Expertise

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#### Projects

- Civil & infrastructure, including rail & tunnelling
- Major buildings such as shopping centres, hospitals & high-rise commercial.
- Theme Park & Hotels
- Oil & gas

#### Technology

- Modelling applications such as Revit, Navisworks, BIM360, AutoCAD, Civil3D & SketchUp
- Construction collaboration systems such as Aconex, ProjectWise, ProjectCentre
- Geographic Information Systems (GIS) such as ArcMap and QGIS
- Planning applications such as Primavera P6 and Asta Powerproject
- Reporting applications such as Pentaho, Crystal Reports & PowerBI
- British Standards such as BS1192 & PAS 1192

### Experience

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- Construction project delivery (on site)
- Tenders and bids
- Design modelling, documentation and coordination
- Planning & budgeting
- Technical team management
- Technology strategy, implementation & change management
- Planning (4D) and cost planning (5D)
- Construction claims & disputes

## Recent projects

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- Sydney Metro Pitt St Station bid (in progress)
- Sydney Metro Digital Engineering Data Platform (client-side)
- Ultimo Public school bid (successful)
- Sydney Metro Central Station bid (successful)
- Sydney Metro Sydenham Station bid (successful)
- Sydney Metro Sydenham-Bankstown bid (pending)
- Sydney Metro SYAB (delivery)
- Sydney Metro Tunnelling package bid (successful)
- Sydney Metro Northwest delivery
- New Intercity Fleet maintenance facility bid (unsuccessful)
- ACT Law Courts delivery
- 1 Denison St commercial high-rise bid (unsuccessful)
- Moorebank Intermodal Terminal delivery
- Northern Beaches Hospital delivery
- Christchurch Hospital Acute Services delivery
- Sydney Metro Northwest OTS package delivery
- Sydney Opera House VAPS delivery

## Services

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- Project delivery, as a member of a bid or construction project team
- Project auditing and review
- Technology strategy & advice
- Staff mentoring and training
- Preparation of technical plans & specifications
- Construction project technology implementation

## Clients

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- Mace Group (UK)
- Mott MacDonald, working for Sydney Metro
- Hindmarsh Construction
- BIM Consulting/NGIS working for Melbourne Metro
- CPB Contractors

## Details

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