



# EKIUM

AUSTRALIA



Mechanical & Structural



Virtual/Augmented Reality



Building Services



Product Design



Electrical



Digitalisation



Piping



Prototyping

## About Us

EkiuM specialise in all forms of computer aided design, drafting, engineering and visualisation, to deliver a comprehensive range of in-house design and drafting services, from basic 2D layouts to complex 3D modeling and design, supported by a broad range of software packages.

We have developed cutting-edge, bespoke visualisation and visual communication tools and services including virtual reality (VR) and augmented reality (AR).

We provide you with personalised options for outsourcing and secondment to meet your resourcing needs, all underpinned by a robust consistency based on our group's ISO 9001 accredited quality system and a commitment to delivering value for money.

## Memberships

- > Australian Industry Defence Network (AIDN)
- > Australian Industry Group (AIG)
- > French-Australian Chamber of Commerce & Industry (FACCI)
- > Water Industry Alliance (WIA)
- > TACTIC (formerly Global Maintenance Upper Spencer Gulf)

## Disciplines

- > Mechanical
- > Structural
- > Electrical
- > Piping
- > Process
- > Building
- > Services
- > Product Design
- > Digitalisation
- > Virtual Reality
- > Augmented Reality
- > Prototyping

## Software

- > Catia
- > Siemens NX
- > SolidWorks
- > PTC Creo
- > Autodesk Inventor
- > AutoCad
- > Plant3D
- > Smartplant P&ID
- > Revit
- > Microstation / CADconform
- > Autodesk 3DS Max
- > Adobe Suite
- > Unreal Engine
- > Unity3D
- > Blender

## 3D Modeling & Detail Drafting

- > Machinery Design
- > Structural Detailing
- > Mechanical Detailing
- > Piping Isometrics
- > Paper to CAD Conversions
- > As-Built Drawings
- > Detail Design Drafting

## Visualisation

- > Animation & Rendered Images
- > Fully Immersive Virtual Reality (VR) Simulations
- > Immersive VR Environments for Design Review, Training & Stakeholder Engagement / Marketing
- > Augmented Reality (AR)
- > Point Cloud Manipulation

## Product Design

- > Concept
- > Prototype (workshop & 3D printing)
- > Testing
- > Import Replacement
- > Customisation
- > Reverse Engineering

## Key Customers

- > BAE Systems
- > ASC
- > PMB Defence
- > Raytheon
- > Silenium Defence
- > Redarc
- > Minelab
- > BHP OD & Nickel West
- > Mineral Technologies
- > AECOM
- > SA Water
- > EPIC Energy
- > LMS Energy
- > Suez
- > Verseng
- > Mitsubishi Motors

## Industries

- > Defence
- > Mining
- > Minerals & Resources
- > Automotive
- > Utilities
- > Manufacturing
- > Agriculture
- > Oil & Gas Infrastructure
- > Transport
- > Energy
- > Space