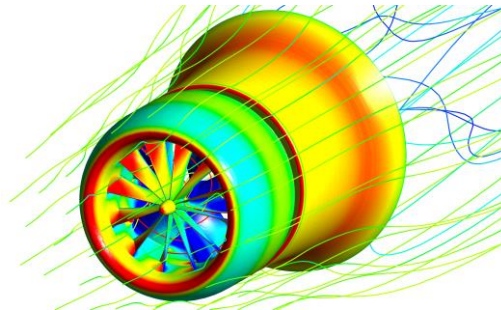


### Products

e3k is the new product development division of Gilmore Engineers Pty Ltd, a leading Australian engineering consultancy, serving industry, government and consultants in the manufacturing, energy, transportation, aerospace, maritime, mining and other high-technology fields.

Our experience spans 4 decades and covers 4 core areas of specialisation:

1. Research & Development
2. Computer Simulation
3. Project Engineering
4. Failure Analysis



### Capabilities

Our services include:

- Research and Development
- Failure Analysis
- Testing and Review
- Project Engineering
- Finite Element (FEA) Stress Analysis
- Computational Fluid Dynamics (CFD) – Utilising ANSYS CFX software
- New Product Design & Development
- Engineering Analysis and Simulation
- Prototyping
- Aircraft Component Failure Investigation
- Australian Standard (AS) Certifications
- Safety/Ergonomics Assessments



### Key Clients / Interactions

- Australian Transport Safety Bureau
- Massachusetts Institute of Technology
- Thales Australia
- Atlantis Resources Limited
- Ok Tedi Mining Limited
- MMG Limited
- Leighton Contractors
- Queensland Fire & Emergency Services
- Robinson Helicopter Company
- University of Queensland
- Brisbane International Airport

### Projects

- Engineers Australia National Excellence Award winner for SeaUrchin renewable energy tidal turbine
- Robinson helicopter failure analysis
- Steyr AUG rifle bolt concept IP analysis
- Technology leading to Atlantis Resources listing on London Stock Exchange

### Accreditations

- Ph.D. level engineers
- CPEng. certifications with Engineers Australia
- Registered Practising Engineer Queensland (RPEQ)
- Research Service Provider (RSP) with AusIndustry, Number: 34439

### Contact Details

Contact: Richard Billett – Manager, New Business Development  
 Address: BTP Conference Centre,  
 1 Clunies Ross Court,  
 Eight Mile Plains, 4113, QLD, Australia

Phone: +61 7 3853 5250 Fax: +61 7 3853 5258

Email: [richard@e3k.com](mailto:richard@e3k.com) web: [www.e3k.com](http://www.e3k.com) | [www.gilmore-engineers.com](http://www.gilmore-engineers.com)



AUSTRALIAN ENGINEERING  
 EXCELLENCE AWARDS 2012  
 WINNER