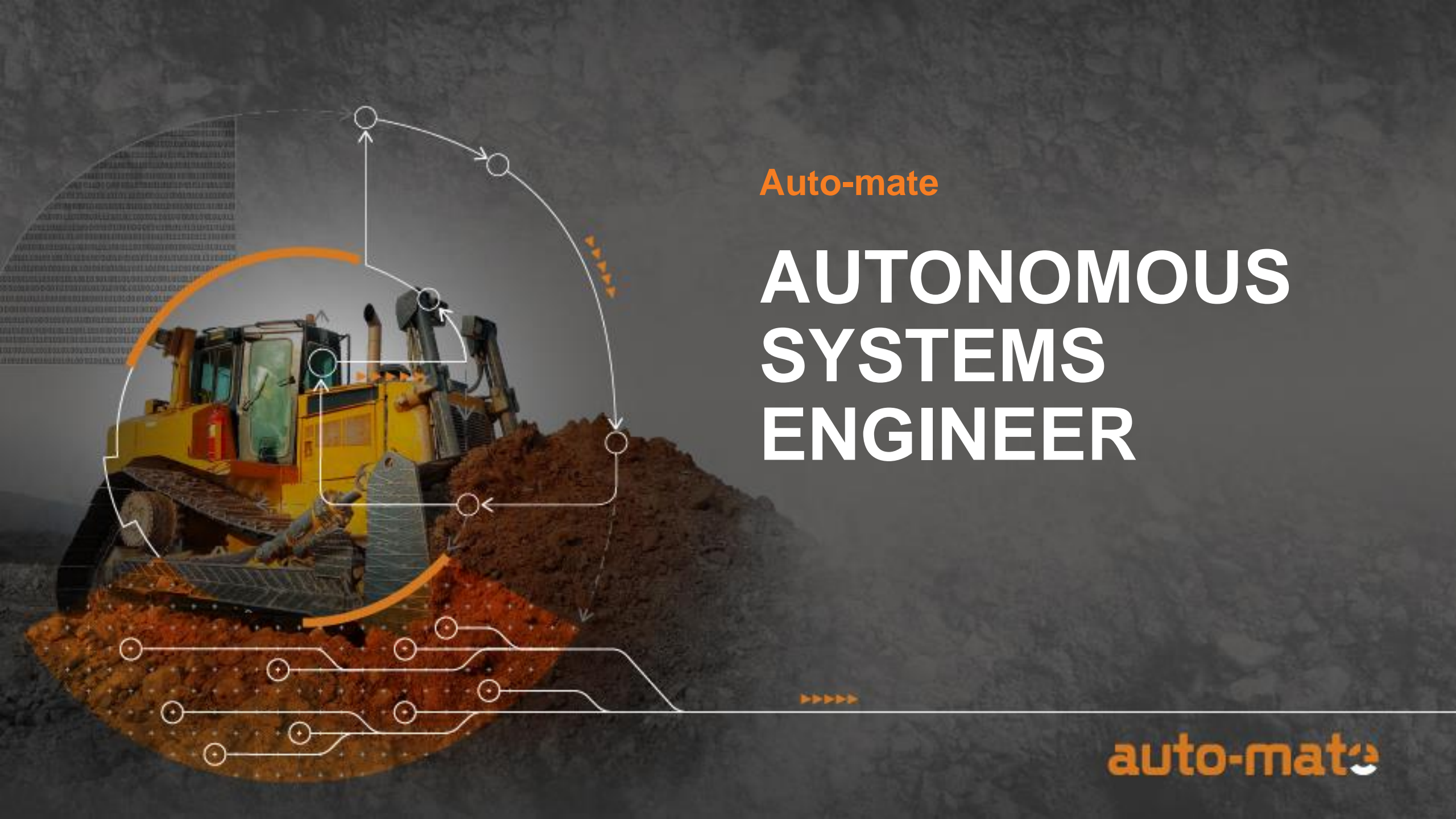


Auto-mate

AUTONOMOUS SYSTEMS ENGINEER

auto-mate





Are you keen to challenge the accepted limits of automation?

Are you an Autonomous Systems Engineer keen to join a diverse and energetic team intent on challenging the accepted limits of automation?

Auto-mate is a fast-growing technology company focused on providing truly smart autonomous technology solutions for heavy mobile equipment in the mining sector. We use systems engineering to combine robotics, automation, modelling & simulation, and advanced manufacturing techniques to create a new future in mining.

Our technology is agile, and our team is agile. We work closely together towards clearly defined goals.

We have fun.

auto-mate

mining automation on **your** terms



Your role

We have an exciting opportunity for an Autonomous Systems Engineer, to be part of the product delivery team.

You will be working on a range of exciting and challenging autonomous solutions for mining operations both in Australia and globally.

Reporting to the Senior Autonomous Systems Engineer, you will be responsible for the application of systems engineering principles and best practice to Auto-mate's entire product range.



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Your responsibilities

You will be responsible for a variety of key activities including:

- Technical management and analysis;
- Design verification, including vehicle trials;
- Project engineering;
- Project risk management and functional safety management;
- Managing test and acceptance activities;
- Support to management of design reviews;
- Delivery of technology and systems work packages;
- Technical collaboration with joint-venture partners





Your expertise and experience

To be considered to join the Perth based team, you will have:

- a STEM Degree – Mechatronics, Mechanical, Communications, Technology, Science, Electrical, Electronic, or Mining Engineering;
- approximately 3 years experience in systems engineering or autonomous systems development and deployment in a regulated environment (e.g. mining, automotive, medical, aerospace, rail or defence);
- worked alongside customers and their stakeholders to produce concepts of operation, use cases and stakeholder requirements sectors;
- developed system requirements specifications, and conducted trade studies, engineering analyses, design reviews and technology assessments to determine optimal system architectures



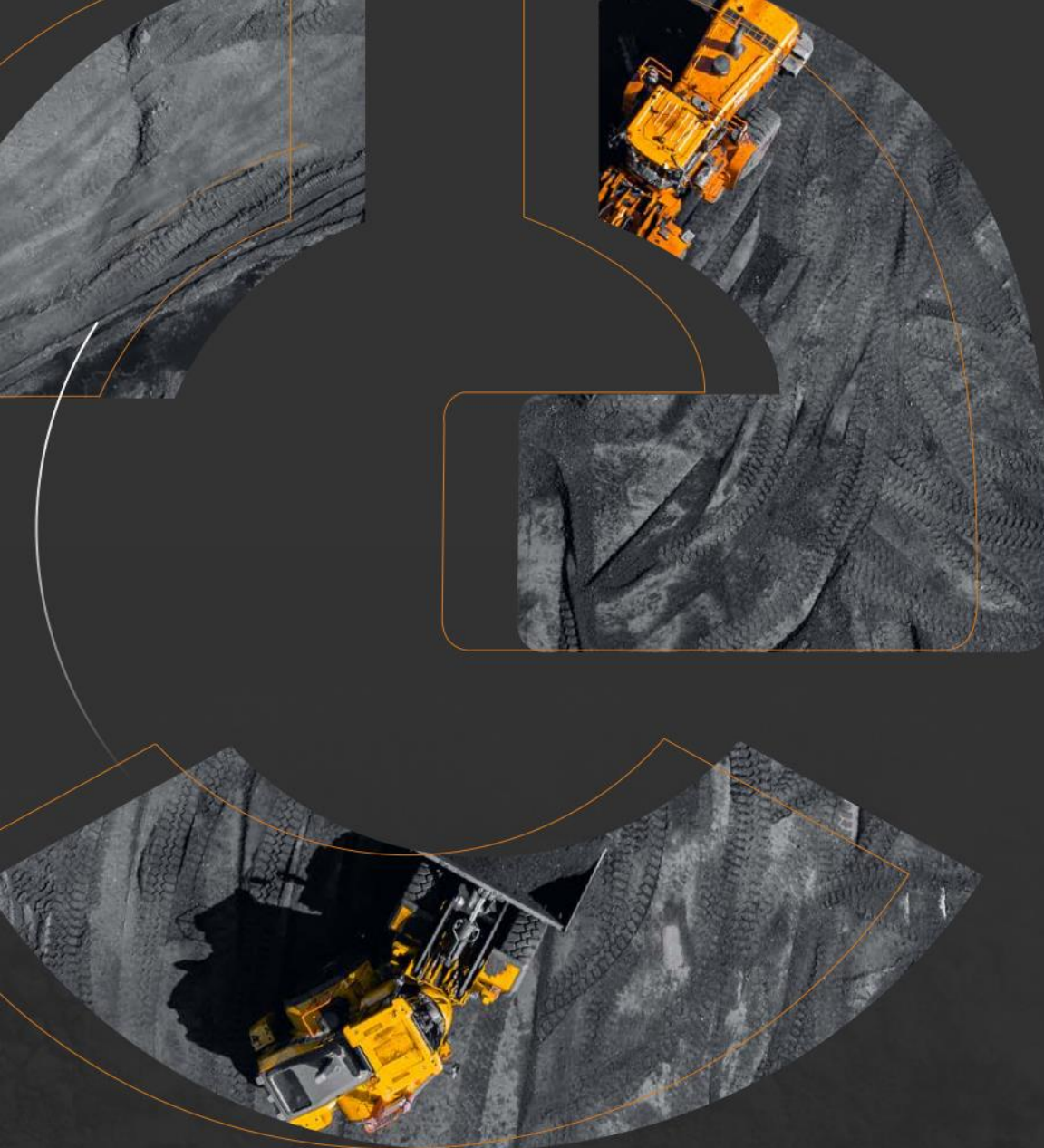


Your expertise and experience

continued

- followed V&V plans and subordinate documentation, and executed V&V activities
- integrated autonomous technology into existing systems, ideally into heavy mobile equipment for mining applications
- experience in the use of systems engineering tools (e.g. DOORS, Rhapsody, JIRA, Jama Contour, MATLAB, Simulink)
- an understanding of the application of the WHS Act 2020





If you are up for the challenge and keen to join our team

Please email us on:
careers@auto-mate.net

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