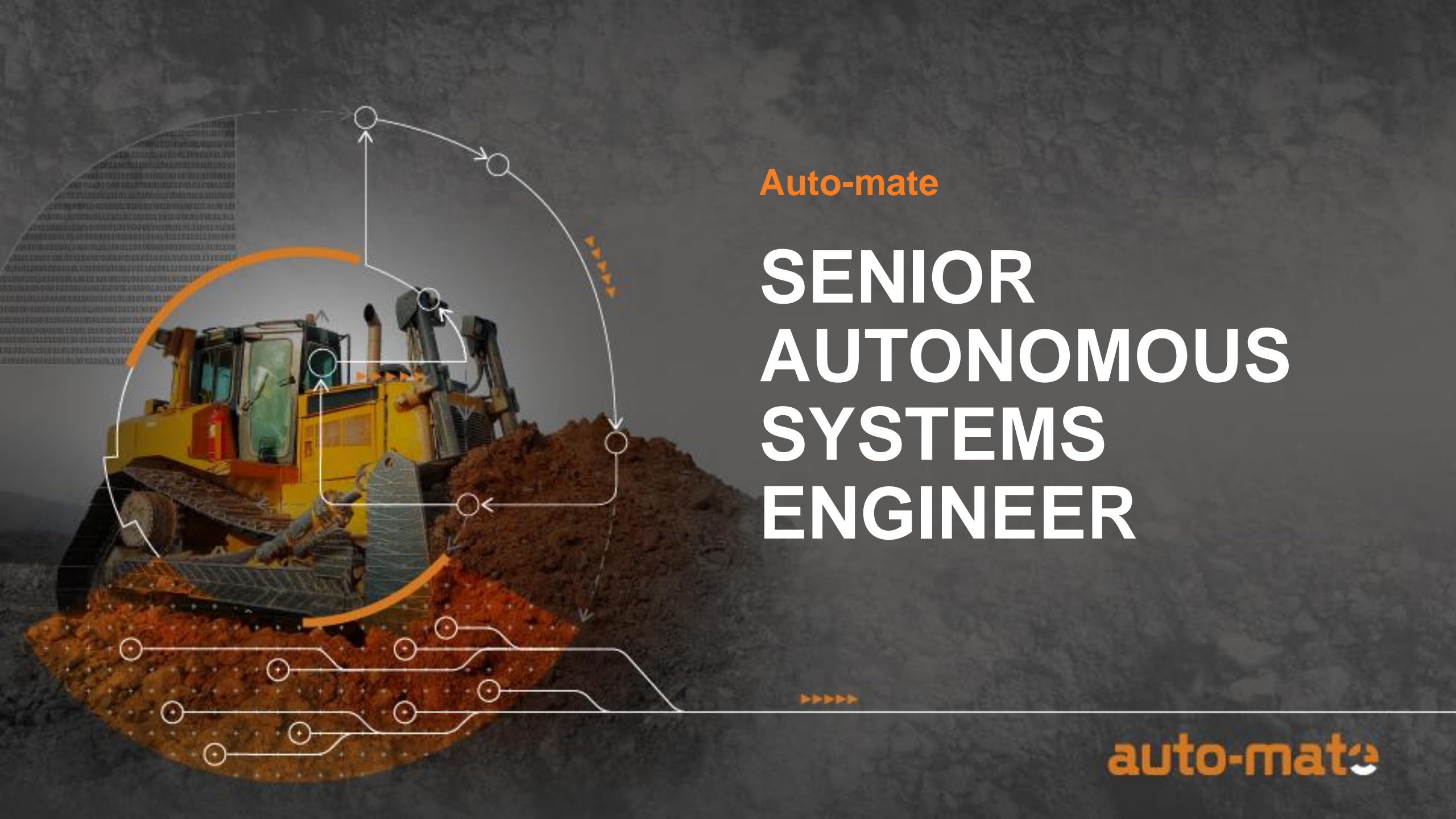


Auto-mate

SENIOR AUTONOMOUS SYSTEMS ENGINEER

auto-mate





Are you keen to challenge the accepted limits of automation?

Are you an experienced 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 excellent opportunity for a Senior 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 VP of Engineering, you will be responsible for the application of systems engineering principles and best practice to Auto-mate's entire product range - autonomous mobile mining equipment and related vehicles.

You will apply your systems engineering expertise and problem solving capability to the design, development, build, deployment, testing and support of our products



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Your expertise and experience

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

- 5+ 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
- led the development and management and decomposition of system requirements specifications
- conducted trade studies, engineering analysis, design reviews and technology assessments to determine optimal system architectures
- developed V&V plans and subordinate documentation, and executed V&V activities
- developed interface management and integration management strategies, ideally for heavy mobile equipment and/or for mining applications
- experience in selection and optimal use of systems engineering tools (e.g. DOORS, Rhapsody, JIRA, Jama Contour, MATLAB, Simulink)
- demonstrated sound understanding of the application of the WHS Act 2020

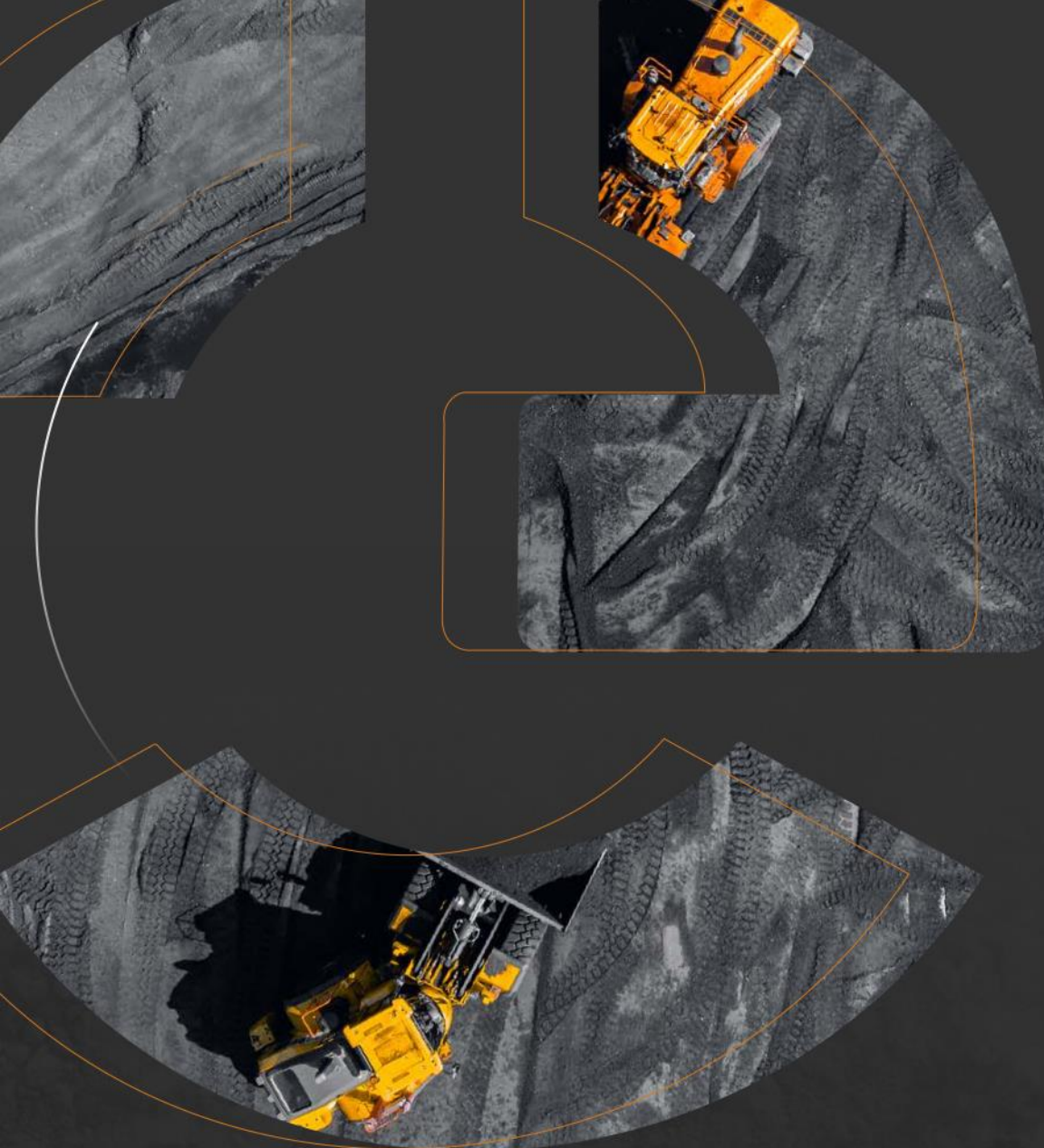




Additional expertise and experience

The below experience would be highly desirable:

- worked to functional safety standards such as AS/IEC 61508, AS/IEC 61511, ISO 26262 or equivalent defence standards (highly desirable)
- experience in the application of ISO 17757 and the Code of Practice for Safe Mobile Autonomous Mining in Western Australia (highly desirable)
- experience in the development of process documentation for ISO 9001, IEC 15288 and AS/IEC 61508 compliance (desirable)
- experience as author and reviewer in the development of RFPs and RFQs, ideally using the Shipley method or similar (desirable)



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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