



visionstream 

# Capability Overview: Resources.

Next generation mining is about mastering the delicate relationship between human interface and machine with the use of communications networks.

We work with you to understand your project requirements and collaborate to deliver smart solutions that improve the performance, safety and efficiency of your mines.



## Technology for a competitive edge.

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**The future of the resources sector lies in fully integrated and automated system-enabling technologies. The sector must continue to innovate and automate in order to successfully rival intense international competition. This requires long term investment in technology and a talented, engaged and well-trained workforce to improve operations.**

Finding solutions that address issues like costs, automation, networking, cross discipline interface, increasing project complexity, a move to remote operations, multi-vendor integration, asset and cyber security, global business integration, safety and geographical isolation, will be fundamental to the industry's ongoing success.

## Networking to create next generation mines.

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**Visionstream has built trusted partnerships with large global customers across the natural resources sector. Next generation mining is people and technology working together. We design, construct, operate and maintain critical ICT networks and infrastructure that ensures connectivity to mission critical mining operations and links to remote operations centres.**

We work with you to fully understand your project and mine asset requirements. We also collaborate to deliver smart, customer-centric solutions to improve employee safety, increase productivity, lower energy consumption and reduce environmental impacts. This provides a sustainable, competitive advantage to realise greater value of existing and future assets.

Our teams have extensive capabilities in resource-specific design, construction and operation of asset critical networks. This includes installation of wireless networks that support large autonomous fleets, optical fibre cable networks to connect inter-mine operations and communications backbones, systems integration, and remote connectivity.

**We collaborate with you to deliver robust, market-leading ICT solutions across:**

- Design and engineering integration of high availability, fixed and wireless networks.
- Network construction.
- Network operations and Network Control Centre outsourcing.
- Wireless mesh solutions.
- Autonomous fleets (Machine-to-Machine).
- Integrated field support, network health and ICT metric maintenance.
- Mobile equipment management systems.
- Remote Critical power systems and communications shelters.
- RFID real time equipment tracking.

## Ensuring the safety of your worksite.

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**We are dedicated to quality as well as the safety of our people, project partners and the communities in which we work. With capabilities across both greenfield and operational sites, we have an excellent reputation in adherence to operational mine guidelines and health, safety and environment compliance.**

We know that contemporary work force management means not only getting the job done, but doing so safely without serious incidents. We achieve this through constant monitoring and implementation of a company-wide framework for managing safety and health that complies with all industry standards.



For more information on how we can work with you, please visit  
[www.visionstream.com.au](http://www.visionstream.com.au)