

CASE STUDY



SAMSUNG

ROY HILL C+T COMMUNICATIONS BACKBONE & TRANSMISSION

Trusted Solutions

The Roy Hill Project includes a new iron ore mine at the Roy Hill deposit, a mine process plant, a heavy haul railway system from mine to port and new port facilities at Boodarie Industrial Estate, south west of Port Hedland, Western Australia

Visionstream were engaged to design & construct the In Mine fibre communications backbone fibre reticulation system integrating with the rail fibre from mine's train load out (TLO) to Radio Hill comprising of 2 x 72 SMOF within a compacted schedule and in conjunction with other businesses and interfaces.

Highlights

- Installation of 50km of SMOF enabling mine communications backbone
- Network Architecture and Integration solutions for the communications backbone and wayside solution
- Samsung C&T Pkg 1 (Mine), Pkg 2 (Rail) and Pkg 3 (Port) collaboration and integration

Customer Profile **Samsung**

Time Scale

12 months

Location(s)

Pilbara WA

Industry

Resources Mining

Solution

Communications Backbone & Connectivity

Approximate Value

Undisclosed



In the process of the mine under construction we were also engaged to undertake significant critical works to ensure the project continued to meet its milestones.

Transparent Results for our Key Clients

In the process of the mine under construction we were also engaged to undertake significant critical works to ensure the project continued meet its milestones, these include but are not limited to:

- The Design and Construction of Temp Radio Microwave Link for Construction Communication business support and early operations.
- Significant Major (Rock Breaking & Hammer) Bespoke Civil work along the mainline rail corridor.
- Design and Construction of Pit, Pipe and Installation of Mine rail loop Infrastructure inclusive of 415Kva substation transformer and Location Cases and 8km of LV installation.
- Design and Construction of Interlinks within Mine Processing Facility to key in connectivity with Mainline and In Mine.



Visionstream delivers large scale telecommunications and ICT solutions across Australia and New Zealand.

- *We develop smart, tailored solutions that enhance the quality of critical telecommunications assets.*
- *We partner with our customers along the value chain, from network planning through to customer connections and maintenance.*
- *13,000+ personnel across our Australian Communications, nbn and New Zealand businesses.*

Contact us

For more information on how Visionstream can partner with you to improve the efficiency and effectiveness of your network, please visit www.visionstream.com.au