

There are *no boundaries*

Case Study

Woodie Woodie Remote Mining Operation



Michael Marriott – CEO Consolidated Minerals & Doug Childress – CEO IIPC
Focused on the next exploration rather than the headaches of operating in remote areas

The Process

- Consultation with Intelligent IP Communications (IIPC), experts in remote communications, to identify and resolve the camp's communication needs
- Design and construct 200km long high-speed carrier grade Microwave network using newly constructed IIPC and existing Telstra towers
- Construction of a central node room where all services were reticulated to 480 dongas
- Replacement of the entire legacy network with new managed devices
- Lay over 6kms of pit and pipe and over 20kms of fibre optical cabling
- Terminate & certify over 2,000 fibre terminations
- Deliver of 100Mbps symmetrical Ethernet services to every camp location & donga
- Installation of real-time High Definition video conferencing

The Outcome

Every mine worker's donga (480 person camp) has been equipped with an IP telephone, digital television, movies on demand and Internet access, making life onsite more comfortable and facilitating easy communication between employees and contractors and their families. **Camp morale has sky-rocketed.**

Consolidated Minerals is now able to promote their camp as having superior Unified Communications, improved working conditions with the comforts of home at their remote mine site. **Staff turnover has decreased.**

Consolidated Minerals' investment has underpinned their operations with a long term solution. Their investment has allowed for **15 years of sustainable network expansion** and the ability to promote the Woodie Woodie camp as a modern, safe and productive remote mining operation. The IIPC solution has resulted in **no extra monthly costs** for Consolidated Minerals. Additionally, Consolidated Minerals are constantly finding increased efficiencies through having improved Voice, Video & Data communications.

Client:

Consolidated Minerals Limited

www.consminerals.com

Size:

500 employees and contractors

Location:

Woodie Woodie, a remote rugged region of WA, 200km east of Marble Bar and west of Telfer.

Challenge:

Remote location and absence of existing telecommunication infrastructure resulted in slow, expensive and limited camp communications. These challenges impacted on productivity, isolated camp administration from the Head Office and restricted employees and contractors from connecting with home.

Solution:

- Superior Unified Communications bolstering recruitment and retention strategies and increased productivity.
- No increase in monthly costs for a fully managed and converged infrastructure delivered by a 'single vendor'.
- A modern and productive remote mine site, with infrastructure to support 15 years of sustainable growth capacity.
- Fully equipped dongas with digital IP TV, Voice, Video and Internet access.

From Planning to Design, to Construction to Delivery

Project start date: October 2008

Project completion: March 2009