



RETAC

Risk Elimination Training Aid Concept

Norwich Park Mine
Dysart, Queensland

BMA
BHP Billiton Mitsubishi Alliance



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Norwich Park Mine

BMA
BHP Billiton Mitsubishi Alliance

Dysart, Queensland



THE PROBLEM

- Issue observed during daily OCE inspections
- Committee formed to conduct a full Job Safety Analysis
- Issue identified as a high risk operation requiring appropriate controls

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The Solution

- Identified potential for cameras, monitors and audio systems
- Confirmation of solution by Electrical Systems Superintendent
- Hoban Smith Industries accepted challenge

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RETAC

- ▣ **Inherently Safe**
- ▣ **State-of-the-art**
- ▣ **Electronic Training System**
- ▣ **ELIMINATION OF HIGH RISK/HIGH CONSEQUENCY ACTIVITY**

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INNOVATION

- **Resourceful application of technology**
- **Utilisation of local resources**
- **Pioneering system configuration**

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CHALLENGES

Components and connections

Cabling

Interference

Compromise of machinery

Suitable systems

Cameras

Acceptable level of transmission

User friendliness

Power Supply

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BENEFITS

Four Brief Cases

Portable

Duplex audio/visual system

Immediate feedback

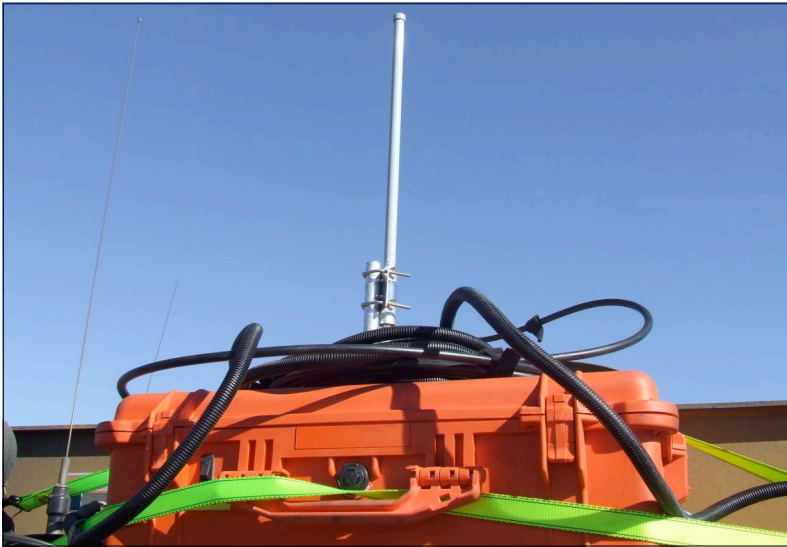
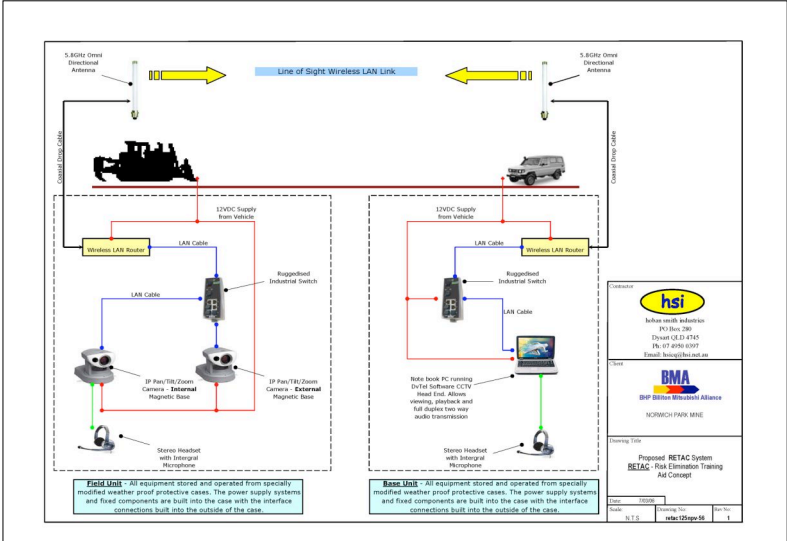
Immediate communication

Record and replay facility

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TRANSFERABILITY ACROSS INDUSTRY

- Flexibility
- Endless applications
- Proof of training
- Adjust and re-design for specific application

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**WITH SPECIAL THANKS
TO**

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Albert Scheepers

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Questions

Movie

