

# Minerva Mine

## Queensland, Australia

### Case Study



#### THE CUSTOMER

When experienced mining operator Felix Resources planned a new open-cut coal mine in Central Queensland, they knew that instant, dependable, mobile communications were required for the safe and efficient operation of the mine.

Minerva Mine is an A\$68 million, 12 year project to extract coal from a 1.9 to 2.5 mile (three to four kilometer) area. The mine will eventually produce 2.5 million tons of coal per year for export. Sandhurst Mining expects to have 80 permanent staff on-site, working 24-hour days, six days a week.

#### SITUATION

Felix Resources had two main considerations in choosing its mobile communications equipment: the need for immediate, dependable voice communications now, and the option to move to efficient data communications in the future.

Cellular communication was not an option because of the need for immediate group communications, dedicated channels that are protected from interference, the requirement for robust and reliable equipment, and the need for redundancy in case of equipment failure.

**“Radios are our primary source of communications between equipment operators. I don’t know how you can run a mine without radio.”**

Mike McKee, Minerva Mine  
Manager

## RESPONSE

Tait and Solutions Partner, Nixon Communications, provided Felix Resources with a mobile repeater: a Tait TB8000 base station mounted on a trailer. This repeater links all of the mobile and portable radios in use at the mine.

## OUTCOME

Minerva Mine has a modern, dependable and private voice communications system that allows all equipment operators to communicate effectively.

## MORE INFORMATION

For news, product specifications, comprehensive technical information and contact details of your nearest Tait service facility, please visit [www.taitradio.com](http://www.taitradio.com)



## CUSTOMER PROFILE

Minerva Mine is a major mine in Central Queensland, Australia, managed by Felix Resources.

## APPLICATIONS

- ▶ Tait conventional radio network

## BUSINESS BENEFITS

- ▶ Dependable, immediate communications
- ▶ No channel interference

## PRODUCTS USED

- ▶ Tait TB8000 base stations/repeaters
- ▶ Tait TM8000 mobile radios
- ▶ Tait portable radios

**FELIX**RESOURCES

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