

## Hail Creek Mine Induction - Real Time Data Collection

Mastermyne and MyneSight in partnership with Rio Tinto Coal

### Short Form Description

Five percent of all work place fatalities in Australia in 2013 were within the mining industry. So far this year, six mining industry workers have lost their lives at work. The underground mining operation is one of the most dangerous conducted within the mining industry. Specific Mine site induction programs are one essential component in a holistic training program designed to ensure workers are fully aware of the hazards and rules of the destination mine before they start work on site.

MyneSight a division of the Mastermyne Group have a contract to deliver the Hail Creek Mine Inductions for personnel before they start on site. The Mastermyne Group and Rio Tinto Coal have a working relationship which dates back over 12 years. It is this close working relationship, which has allowed us to develop the following innovative training program for the Hail Creek Mine Induction.

Rio Tinto Coal's Hail Creek Mine approached MyneSight looking for smarts to possibly change their induction system to reduce future training costs and improve efficiency of the training data administration process.

After investigating numerous new technologies and how they would suit our training needs. We identified the Turning point data collection and assessment tool. A tool which would allow trainees to answer questions via an electronic Keypad, which fits in the palm of their hand. Replacing our need for cumbersome written assessment paperwork and eliminating 98% of the paper we produced during theory assessments.

By moving towards a fully electronic data collection model we also eliminate the need to handle the completed written assessments multiple times. Documents are unstapled, scanned, restapled, filed and archived. The electronic scanned files are renamed manually, filed in to individual files and passed on to Hail Creek Mine where they go through a data entry process to ensure information is recorded in their training management system. With our new Keypad system all of these processes are redundant as the records are exported from the Turning Point software in to excel. From the excel spreadsheet information is easily extrapolated in to the required format and automatically imported in to the Hail Creek Mine training management system.

By introducing the real time data collection Keypads in to our classrooms we have been able to reduce Rio Tinto Coal's monthly bill by 5%. What started out as an exercise in cost savings and a review of an inefficient paper based system has had a flow on effect, improving our overall assessment techniques.

MyneSight were the pioneers of introducing KeePad in to the Mining sector training programs. Since their implementation other training providers have started to introduce similar tools in to their classrooms. Electronic, paperless assessment is the way of the future.

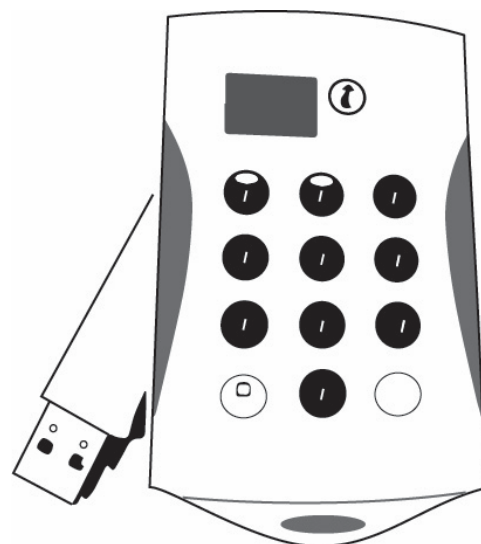


Figure 1 - KeePad tool