



# MINING TELE-REMOTE CONTROL SYSTEMS



## Introducing the Nautilus mobile plant tele-remote control solution for underground and surface applications

- Canadian designed and built with over 35 years of remote control mining and proximity detection experience
- Tele-remote operation: can be also used in line-of-sight or in automation modes
- Suits all types and makes of underground loaders (LHDs) and other mobile plant including surface machines
- Regional compliance
- Fully supported by Mine Technology Services Ltd, Africa's only dedicated mining remote control and proximity detection solution provider.
- Service from either United Kingdom or Botswana
- Supplied with machine and site-specific product and training manuals
- Used in North America, Australia, New Zealand and Africa

## ADVANTAGES & FEATURES

Radio frequency (RF) coverage of up to 2800 metres of underground tunnels without using fibre optic cable

An inexpensive fibre optic option can be used to place the tele station anywhere in the mine

The RF communication systems uses one low-loss, non-radiating RF cable with super-amplifiers to transmit the video images and machine control data

Machine containment by laser barriers. Wireless barrier systems available

Data logging of tele-remote usage (optional)

Up to 6 waterproof cameras per machine

Machine components magnetically mounted

The system can be maintained by site machine service technicians, and factory upgrades can be applied by site personnel

Portable tele-remote options available, removing the need for a tele-chair. The control is from the TC5 transmitter directly into the RF communication system

No special test equipment required

Various tele-stations available, including cabins, surface control room, and light vehicle options.



**SEPIA SOLUTIONS**  
BOTSWANA

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