



SCHAUBENBURG

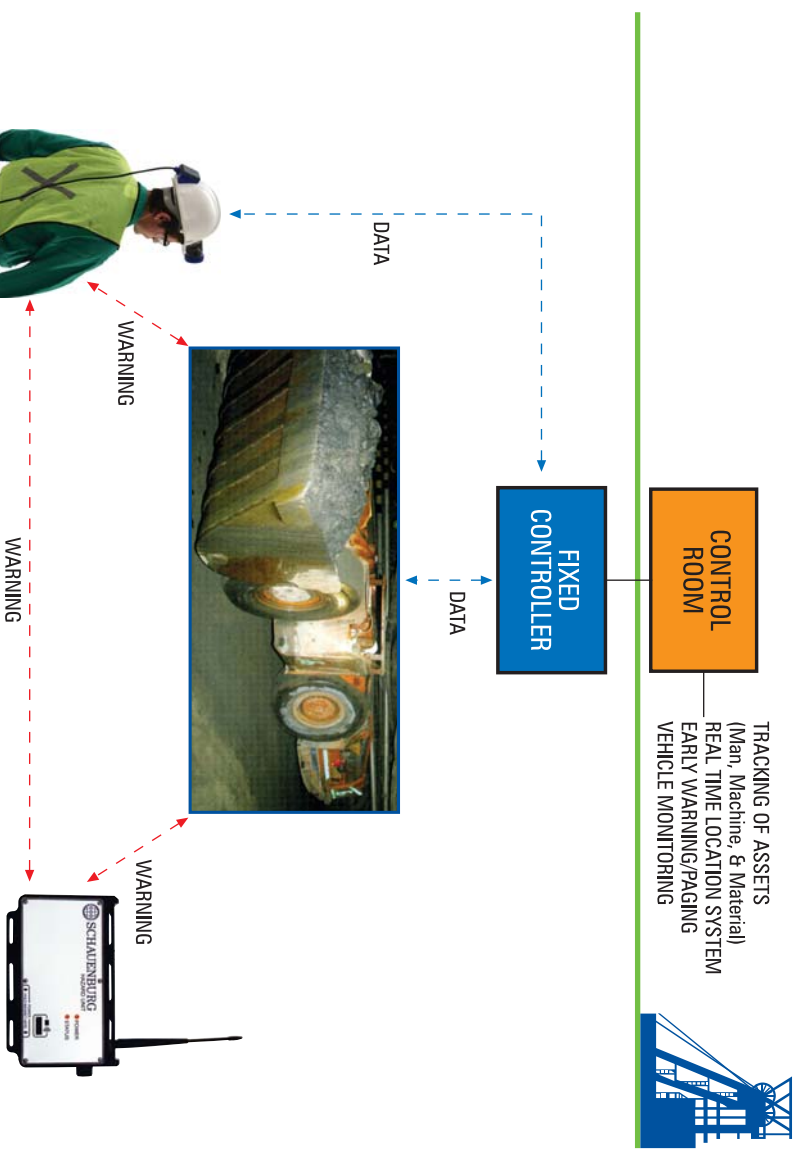
Electronic Technologies



Control-Instrumentation-Communication

Collision Warning and Tracking System

- The Collision Warning System consists of various components that are installed in relevant positions i.e.
 - Underground vehicles and machinery
 - The Caplamps carried by pedestrians
 - All hazardous areas that may pose a threat to either vehicles or pedestrians.
- A warning is given to the pedestrian by a diffused laser mounted in the caplamp headpiece.
- A warning is also given to the vehicle operator via a display/alarm unit, that indicates the type of threat.
- All the underground events are data logged and downloaded via the Fixed Controller to a Control Room application, enabling **Real Time** movement and tracking of both vehicles and pedestrians.
- An **Added Safety Feature** of this system is the ability to page and/or text message underground personnel from the Control Room in the event of a dangerous situation.
- An additional advantage to this system is that each module can be installed and operated separately.



Harnessing today's technology for safer working environments