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RAC-Display

Patent No. 2021/01000



To New Products

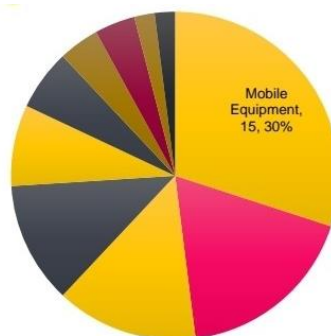
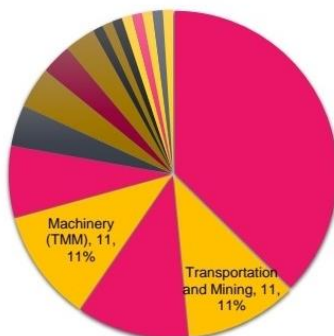
Safety is one of our core values at Revolt. This can be seen throughout our research, development, and design. RAC-Display is a two-way radio accessory that display the selected radio channel to the surrounding environment. The display also comes with an electronic fleet number indicator to improve visibility of the fleet numbers on machinery where required.

What Problems Does The RAC-DISPLAY Solve?

- Gives you a brief Idea of which channel the surrounding mobile equipment is on and the fleet number in extreme conditions for example when there's mist, fog and when its dirty it can still be visible.
- Improves time of confirming positive communication.
- Eliminates Unauthorized overtaking.
- Prevents incidents and accidents (overtaking, exclusion zones, etc).

The below pie chart represent data from 2017.
This chart represent all mining activity's in South Africa.
The information on the graphs are taken from the department of mineral and resources website, please find link below.

<https://www.dmr.gov.za/mine-health-and-safety/mine-accidents-and-disasters>



Mobile mining equipment has been rated as the single highest cause of industry fatalities in world wide. The above pie chart indicates fifty fatalities that were recorded among approximately a million workers and contractors in 2018.
The information on the graphs are taken from the MINING SAFE TO WORK website, please find link below.

<https://safetowork.com.au/mining-equipment-number-one-cause-of-fatalities-amid-better-safety/>

The device is used to improve communication by ensuring that Mobile equipment operators are always on the correct respective channel, on first call and prevent calling out for another operator whilst on a different channel. Which could potentially prevent miscommunication, delays, and incidents.