



mcs.

average 45%



Coaltech



INNOVATIVE PRODUCTION TECHNOLOGY
EXPERT CONSULTANCY DRIVEN BY EXCELLENCE IN TECHNOLOGY

PROUDLY TAKING THE STAGE: MCS AT THE COALTECH AGM & IDEATION CONFERENCE

MCS is proud to have been the **headline sponsor** of the recent **Coaltech AGM and Ideation Conference**, a flagship gathering where the future of mining, technology, and sustainability took center stage. This event was more than just a conference; it was a **statement of intent** about where the coal mining sector is heading, and the role that MCS is determined to play in that transformation.

At its core, Coaltech was founded on the vision of driving collaboration and innovation in the coal sector. That vision strongly resonates with MCS' guiding principle of **"Excellence Through Technology."** Both organisations share the belief that technology is not just an enabler but a **catalyst for safer, smarter, and more sustainable mining.**

With over **300 delegates** in attendance, including executives from leading mining houses, OEMs, and cutting-edge innovators. The conference provided an opportunity to showcase ideas that will define the next era of mining.

Pioneering Innovation in Real Time Mining Solutions

Through its recent collaborations with **Dimako** and **Repro Industries**, MCS introduced its **virtual real-time total section monitoring system**, a breakthrough platform designed to give mines unprecedented visibility across their operations. This innovation marks a step-change in how mines can monitor, respond, and optimise in real time.

The partnership with Repro also brought to the spotlight the new **IS Wi-Fi node**, a robust enabler of **real-time data transfer**. From **Proximity Detection Systems (PDS)** to **downtime reporting**, this technology paves the way for mines to move beyond fragmented solutions towards **fully integrated, live operational ecosystems.**

PROUDLY TAKING THE STAGE: MCS AT THE COALTECH AGM & IDEATION CONFERENCE

Alongside these, MCS showcased a suite of technologies that underscore its commitment to **safety and efficiency**:

- **LED lighting and BLE lifelines** designed to improve underground safety conditions.
- **Next-generation gas monitoring** for a proactive approach to hazard detection.
- **BLE aggregators for vehicle tracking and oil monitoring**, delivering the insights needed to keep machinery running longer, safer, and more reliably.

Shaping the Future of Mining

Each of these innovations reflects MCS' growing role in the mining sector, not as a follower, but as a **technology partner of choice** for forward-thinking mining houses. The industry stands at a turning point, where digital transformation, data intelligence, and sustainability are becoming non-negotiable. MCS is committed to being part of that evolution, helping mines to embrace a future where technology drives both **profitability and safety**.

As a proud member of Coaltech, MCS continues to invest in partnerships and platforms that support the sector's growth. We extend our sincere thanks to **Avhurengwi and Carmen** for curating a superb event that continues to fuel collaboration and innovation across the industry.

The journey of MCS in mining has only just begun, but our vision is clear: to **redefine operational excellence through technology**, setting new benchmarks for what is possible underground and above.

The future of coal mining will be defined by those who dare to innovate. MCS is ready to lead that charge.

Written by:

Ryan Silver

Edits by:

Angie Meyer