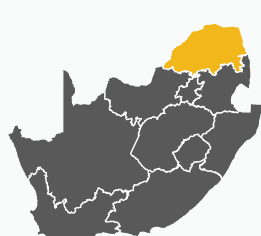


“Excellent quality voice and picture. Photo is godd quality.”

-Quote from Clients

REALWEAR HMT-1: COAL MINE



CLIENT:

Krypton Mining

MINE/PROJECT LOCATION:

Limpopo, South Africa

TECHNOLOGY:

Smart Hard-hat Wearable

COMMODITY:

Coal



PROBLEM:

As a large, well respected consulting firm overlooking and managing various remote mine sites, Krypton Mining Principal Consultant Lou Moller was in search of a solution that would allow them seamless visual access to the remote project sites. He needed to be able to walk the site doing visual and audit inspections and report back to Corporate Stakeholders in detail.

SOLUTION:

The RealWear HMT-1 provides the foundation for a Connected Worker program. Use it in wet, dusty, hot, dangerous, and loud industrial environments. A fully rugged head-mounted device, it optionally snaps into safety helmets and can be worn with safety glasses or corrective eyewear.

Dwyka’s Realwear Mining Package includes (but not limited to):

1. Realwear HMT-1 unit.
2. Hands Free Voice Based operating system, local speech recognition in loud areas, powerful audio speaker, IP66 rating, adjustable screen viewable in bright environment, 2-meter drop shockproof, full shift hot-swappable battery.
3. Rigid Carry case.
4. MSA Hardhat clips.
5. Training and Onboarding.
6. Pre-Installed Video Conferencing and Remote Assistance Applications (MS Teams and TeamViewer).

*Stable Wifi (3G) connectivity required.

With the RealWear Mining Package, we offered Krypton Mining a real-time POV visual solution that allows the remote worker to walk and interact through the site “avatar”, giving stakeholders the ability to not only get “SightOffSite” but the ability to interact in real-time with the environment through the avatar’s hands.

RESULT:

Krypton Mining’s Client purchased 2 x RealWear HMT-1 Mining packages for one of their Operations.

KEY TAKEAWAYS:

- ✓ Interactive Training and User Onboarding carried out success-
- ✓ MS Teams Call with Krypton Mining and Client Stakeholders – Real-Time Plant/Site Walkthrough
- ✓ TeamViewer Pilot and other feature applications demo



Figure 2. Realwear HMT-1 Mining Package

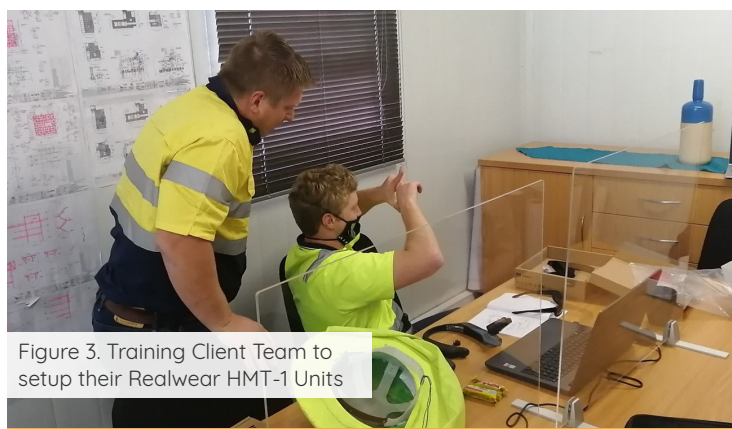


Figure 3. Training Client Team to setup their Realwear HMT-1 Units

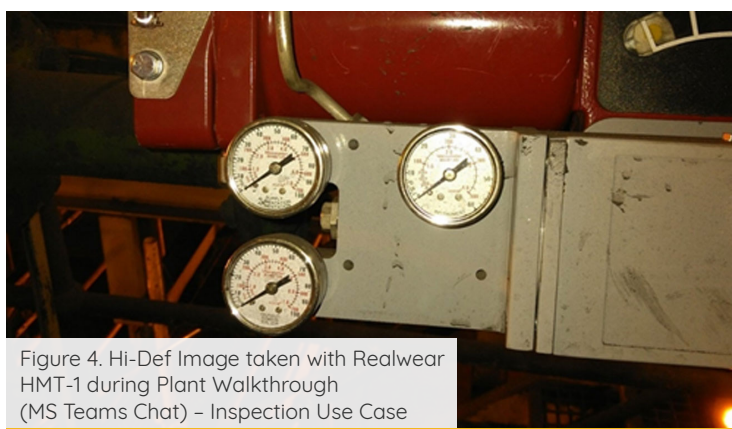


Figure 4. Hi-Def Image taken with Realwear HMT-1 during Plant Walkthrough (MS Teams Chat) – Inspection Use Case



Figure 5. Team with their Realwear HMT-1 Units

For more information on this case study and/or general info on Dwyka Mining Services, send us an email, or visit our website.

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