A fully automated mine starts with a robust and reliable telecommunication system. With that in mind we offer solutions that transfer large quantities of data, video, image, voice at ultra-high-speed. Our private LTE network is mature for relevant industries. Our product will allow the processing of information related to the Internet of Things (IoT) and the implementation of autonomous mining equipment, tele-operation and predictive maintenance (asset management).

MAKE TODAY TOMORROW'S FUTURE
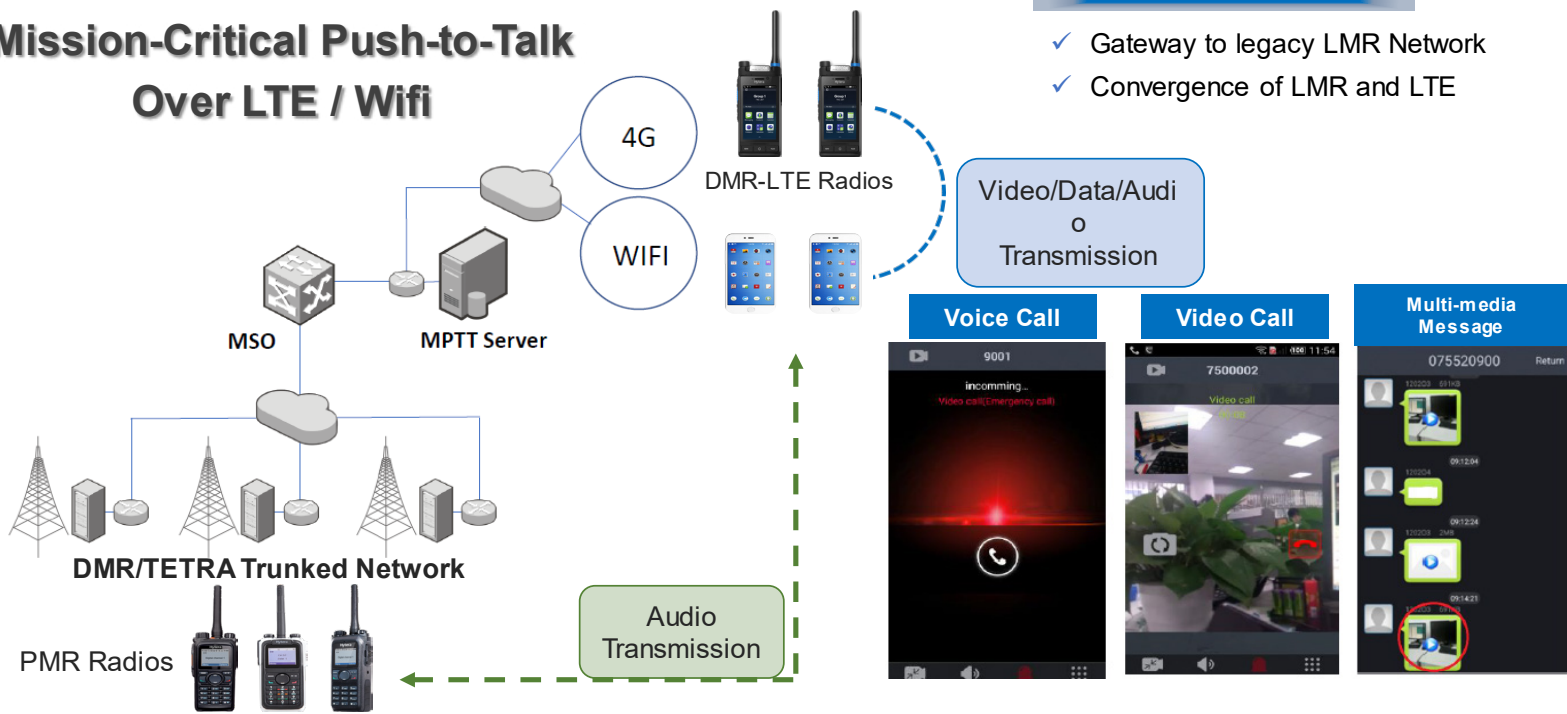
VOICE   DATA   IMAGES   VIDEOS

Mission-Critical Push-to-Talk Over LTE / Wifi

Convergent

✓ Gateway to legacy LMR Network
✓ Convergence of LMR and LTE

4G

WIFI

DMR-LTE Radios

MSO

MPTT Server

Video/Data/Audio Transmission

DMR/TETRA Trunked Network

PMR Radios

Audio Transmission

Voice Call

9001

incomming...
Video call(Emergency call)

Video Call

7500002

Video call

Multi-media Message

075520900   Return

With the use of multi-mode radios, mobile phones or tablets our solution features high quality, mission critical, push-to-talk broadband video calling and multi-media messaging.

Our smart communication solution for mining offers a complete end-to-end LTE wireless broadband network solution fully based on interoperable 3GPP LTE standards. It can provide fast, secure and real-time audio, data and M2M or IoT communications. It exceeds current LTE QoS (quality of service) norms to ensure the availability of resources when needed.

Hytera

As a telecommunications specialist, Meglab partners with Hytera, a world leader in radio communication. This partenership allows Meglab to offer mining companies a robust LTE solution, primarily designed for industrial underground communications.

TO ORDER | Contact us at commandes@meglab.ca

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