**Angelhelmet S.L.** Dedicated to the development and manufacture of the latest technology and artificial intelligence, it will present the ANGELHELMET security and resource optimization solution that provides up to 18 security systems within an intelligent helmet and, together with its software, is capable of providing such high resource optimization that It can return up to 2.7M $ annually of the losses assumed.

1. Outdoor RTLS location by GPSGPRS

2. Indoor RTLS location by Wifi

3. Location and passive access by RFID

4. SOS shipping

5. GAS Sensor

6. IMPACT sensor

7. MOVEMENTS Sensor

8. TILT sensor

9. SPEED Sensor

10. ZONE Alarm

11. Communication by TEXT MESSAGES

12. VOICE Communication IN HANDS-FREE

13. Possibility of MULTICONFERENCE with helmets and offices

14. Calculation of ROUTES and ROUTE TIMES

15. Event INFORMATION screen (LCD Graphic Oled)

16. BLACK BOX that saves alarms

17. SMART and INTERACTIVE Computer

18. PHOTOLUMINISCENT housing for 10 hours

Description of the innovation

Solution with I.A. of the latest technology capable of bringing together 18 safety systems in a helmet and that together with its software provides a very high optimization of resources to the company (reporting GREATER BENEFITS)

• RTLS Outdoor Location

• Indoor RTLS location (any depth)

• RFID location

• SOS shipping

• GAS Sensor

• IMPACT sensor

• MOVEMENT Sensor

• TILT sensor

• Speed ​​sensor

• ZONE Alarm

• Communication by TEXT MESSAGES

• VOICE Communication IN HANDS-FREE

• Possibility of MULTICONFERENCE

• Calculation of ROUTES and ROUTE TIMES

• INFORMATION screen

• BLACK BOX

• SMART and INTERACTIVE computer

• With photoluminescent shell (helmet)

Problem Solving

PROVIDES: RTLS location inside and outside a mine, Total voice communication (hands-free) and text message, Zone control, Real-time alarm messages, Task control, Time and route control, Remote coordination and supervision of Real-time tasks, with AI, ...

Advantage

MORE SAFETY: Provides up to 18 safety systems inside a smart helmet (the worker does not need new equipment)

MORE BENEFITS: it provides an optimization of resources so high that it can return up to 2.7M $ annually of the losses assumed (in an average mining company)

**Link**

[http://www.angelhelmet.com/Meet%20Jim.webm](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.angelhelmet.com_Meet-2520Jim.webm&d=DwMFaQ&c=zRqMG_fghhK--2M6Q5UUdA&r=8s2NNyf2kKcwcgcVKwAvfGZOwFIzOGrwmnQJt3RydFk&m=ZcXr1DFEgSSc0ACEL_D-47f6TxjHPSlD_6m9K3B4bPA&s=zw-2NUa51mlhvPT82Pyu_hPw2ffac0oNvHySIatPPnk&e=)

[http://www.angelhelmet.com/PRESENTACION%20AH%202019%20MMH.webm](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.angelhelmet.com_PRESENTACION-2520AH-25202019-2520MMH.webm&d=DwMFaQ&c=zRqMG_fghhK--2M6Q5UUdA&r=8s2NNyf2kKcwcgcVKwAvfGZOwFIzOGrwmnQJt3RydFk&m=ZcXr1DFEgSSc0ACEL_D-47f6TxjHPSlD_6m9K3B4bPA&s=WmOS0kHIB3IlaJMbsj0p9mCcabi3bOQ-pBJKXojF_s8&e=)